

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS APPROVING A SOFTWARE LICENSE, HARDWARE AND SERVICES AGREEMENT BETWEEN THE TOWN OF ADDISON AND STS360, FOR SECURITY TECHNOLOGY SOLUTIONS IN AN AMOUNT NOT TO EXCEED \$1,102,648.54, AUTHORIZING THE CITY MANAGER TO EXECUTE THE AGREEMENT, AND PROVIDING AN EFFECTIVE DATE.

BE IT RESOLVED BY THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS:

SECTION 1. The Software License and Services Agreement between the Town of Addison and STS360, for security technology solutions in an amount not to exceed \$1,102,648.54, a copy of which is attached to this Resolution as **Exhibit A**, is hereby approved. The City Manager is hereby authorized to execute the agreement.

SECTION 2. This Resolution shall take effect from and after its date of adoption.

DULY RESOLVED AND ADOPTED by the City Council of the Town of Addison, Texas, on this the **27th** day of **APRIL 2021**.

TOWN OF ADDISON, TEXAS

Joe Chow, Mayor

ATTEST:

APPROVED AS TO FORM:

Irma Parker, City Secretary

Brenda N. McDonald, City Attorney

EXHIBIT A

SOFTWARE LICENSE AND SERVICES AGREEMENT

This Agreement (the “**Agreement**”) is made and entered into this the 31St day of March, 2021 (the “**Effective Date**”), is by and between the **Town of Addison, Texas**, hereinafter referred to as the “**Town**”, a home rule Texas municipal corporation, and **STS360**, hereinafter referred to as the “**Consultant**”, a Texas Corporation, each individually referred to hereinafter as a “**Party**” and collectively as the “**Parties**.”

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. DEFINITIONS.

- 1.1 **Defined Terms.** Defined terms have the meanings set forth in this Article 1 (Definitions) and Article 2 (Definitions) in **Exhibit A** and elsewhere in this Agreement when capitalized, and may be read in singular, plural or an alternative tense as the context requires.
- 1.2 “**Affiliate**” means, with respect to any entity, any other entity who, directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with such entity. The term “control” means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of an entity, whether through the ownership of voting securities, by contract or otherwise.
- 1.3 “**Applicable Law**” is as defined in Section 9.3 herein.
- 1.4 “**Applications**” means the mobile application, VideoInsights, MonitorCast, and other Applications as described in **Exhibit B**.
- 1.5 “**Authorized User**” means an Affiliate, employee, agent or independent contractor of Town (solely to the extent such said user is providing services to Town), who has been authorized by Town to use the traffic systems, Applications, and Services.
- 1.6 “**Consultant**” includes STS360 (also referred to hereinafter as “STS360”), its Affiliate or its Subcontractors.
- 1.7 “**Documentation**” means the user guides and user manuals for the traffic management systems, Applications, and Services STS360 provides to Town.
- 1.8 “**Go Live**” means the date of cutover to all systems, Applications, and Services to be a fully operational mode.
- 1.9 “**Integration Control Document**” means the agreement, if applicable, governing any integrations with a third party.
- 1.10 “**Intellectual Property Rights**” means all intellectual and industrial property rights, whether now existing or existing in the future, including without limitation, (i) all patent rights, including any rights in pending patent applications and any related rights; (ii) all copyrights and other related rights throughout the world in works of authorship, including all registrations and applications thereof; (iii) all trademarks, service marks, trade dress or other proprietary trade designations, including all registrations and applications thereof; (iv) all rights throughout the world to proprietary know-how, trade secrets and other confidential information, whether arising by law or pursuant to any contractual obligation of non-disclosure; and (v) all other rights covering industrial or intellectual property recognized in any jurisdiction.

- 1.11 **“Professional Services”** means the evaluation, consultation, implementation, customization, configuration and other Services offered by STS360 in connection with the SaaS Services.
- 1.12 **“Regular Usage Period”** means the agreed upon Term for any traffic management systems, Applications, and Services commencing upon the occurrence of Go Live.
- 1.13 **“SaaS Services”** means the Applications, Software, and related software-as-a-service (“SaaS”), hosting, maintenance and support Services made available by STS360, its Affiliates, Subcontractors, and Third-Party Providers for remote access and use by Town, including any Documentation thereto.
- 1.14 **“Services”** means the services provided or required to be provided by or through STS360 for the ten (10) year term, including without limitation, Systems, SaaS Services, and Professional Services.
- 1.15 **“Software”** means the object code version of computer software and all Updates made available by Consultant to Town under this Agreement.
- 1.16 **“Statement of Work”** means a detailed plan of work to be agreed by the Parties in conjunction with and in compliance with the terms of this Agreement.
- 1.17 **“Subcontractor”** means any third party vendor, manufacturer, service provider or other entity that is or may be engaged by STS360 for performance of the Services under this Agreement.
- 1.18 **“System”** means hardware and cabling for the traffic system made available by STS360 as further described in Exhibit A and Exhibit B.
- 1.19 **“Term”** means the Initial ten (10) year Term and any Renewal Term.
- 1.20 **“Third-Party Application”** means a third party service approved by STS360 to which Town and any Authorized User facilitates Consultant’s access to, and use of, the SaaS Services via an application programming interface (API) or other means. Consultant’s approval of a Third-Party Application shall not be unreasonably withheld, conditioned, delayed or denied.
- 1.21 **“Third-Party Components”** means any components of the traffic management systems, Applications, and Services, from time to time, that are provided by third-parties.
- 1.22 **“Third-Party Data”** means any data owned by a third party that STS360 provides to Town.
- 1.23 **“Third-Party-Managed VPN Access”** means VPN SaaS Services access provided to Town of Addison Authorized Users.
- 1.24 **“Third-Party Provider”** means third parties, including other vendors, state agencies and local agencies, that control products and/or databases with which STS360 Services are to be interfaced.
- 1.25 **“Town Data”** means all data, information, content and other materials stored or transmitted by Town and any Authorized User through the SaaS Services (i) in their user accounts; and (ii) on any Third-Party Application.
- 1.26 **“Updates”** means any and all new releases, new versions, patches and other updates, including major and minor upgrades, for the traffic management systems, Applications, and Services that STS360 makes generally available without additional charge.
- 1.27 **“Website”** means any Internet website through which STS360 provides Services under this Agreement.
- 1.28 **“24/7”** means twenty four hours a day and seven days a week for 365 days a year.

2. **SERVICES.**

- 2.1 **SaaS Services.** Subject to the terms of this Agreement, and during the Term, Consultant hereby grants a non-exclusive, non-transferable, non-sublicensable license to Town and its Authorized Users to access and use the SaaS Services through the Website for Town's internal purposes and in accordance with the terms and conditions of this Agreement. Consultant will be responsible for hosting the Website, and Town and its Authorized Users will be responsible for obtaining internet connections and other third party software, hardware and Services necessary for it to access the Website through the Internet. Town will be responsible to Consultant for compliance with the restrictions on use and other terms and conditions of this Agreement by any of its Authorized Users.
- 2.2 **Professional Services.** Consultant offers Professional Services in connection with the Services defined herein and as further described in Exhibits A and B. To the extent any Professional Services involve the development of any customization or configuration to the Services, all Intellectual Property Rights to such customization or configuration will be solely owned by STS360 and will be deemed to be included in the definition of Services and licensed to Town on the terms set forth herein. **IN THE EVENT TOWN PAYS ANY OR ALL DEVELOPMENT COSTS OF ANY CUSTOMIZATION OR CONFIGURATION TO THE SERVICES, THE TOWN AND CONSULTANT WILL SHARE ALL INTELLECTUAL PROPERTY RIGHTS.**
- 2.3 **Access to Documentation.** STS360 will provide Town via the Website or other means with access to the Documentation, as may be updated from time to time. Town may print copies of, use, and permit its Authorized Users to use the Documentation solely in connection with the use of the Services.
- 2.4 **Support Services.** As defined by **Exhibit C, Section 1.**
- 2.5 **Restrictions on Use.** Town and its Authorized Users will not (and will not permit any third party to): (i) share Town's or any Authorized User's login credentials; (ii) reverse engineer, decompile, disassemble, or otherwise attempt to discern the source code, underlying ideas, algorithms, file formats, or interface protocols of the Services or of any files contained in or generated by the Services; (iii) copy, modify, adapt or translate the Services or the Third-Party Data, or otherwise make any use, re-sell, distribute or sublicense the Services or the Third-Party Data other than in connection with this Agreement; (iv) make the Services available on a "service bureau" (i.e. time sharing, subleasing, sublicensing or rental) basis or allow any third-parties to use the Services; (v) disclose the Services or any of its components to third-parties; (vi) remove or modify any proprietary marking or restrictive legends placed on the Services or the Third-Party Data; (vii) use the Services or the Third-Party Data in violation of any Applicable Law; (viii) create or augment any mapping-related dataset including a mapping or navigation dataset, business listings database, mailing list, or telemarketing list for use in an implementation that is not connected to the Services; (ix) use the Services or the Third-Party Data in violation of any Applicable Law; (x) introduce into the Services any viruses, worms, defects, Trojan horses, malware, or any items of a destructive nature; (xi) use the Services to post advertising or listings; (xii) use the Services to defame, abuse, harass, stalk, or threaten others; (xiii) permit access or use of the Services by any individual outside the United States; (xiv) hide or obscure any Authorized User's location; (xv) permit access or use of the Services, for any activities other than to enhance The

Town's own services, where reliance solely on, or failure to use, the Services could lead to death, personal injury, or property damages. The Town and its Authorized Users will not access the Services if in direct competition with Consultant, and will not allow access to the Services by any party who is in direct competition with Consultant, except with Consultant's prior written consent.

- 2.6 **Security Obligations.** The Town agrees it and its Authorized Users shall securely manage their respective password(s) for access to the System and SaaS Services. The Town agrees it shall notify Consultant promptly in the event it becomes aware of any unauthorized access or use of the System and SaaS Services, or of any of its or its Authorized Users passwords or accounts. The Town is responsible for all activities conducted within Authorized User accounts with approved access to the System and SaaS Services. The Town shall comply with all applicable local, state, federal and regional or other laws and regulations applicable in connection with use of the System and SaaS Services, including all those related to data privacy and the transmission of technical or personal data. The Town agrees to (a) provide true, accurate, current and complete registration data for each account it creates via the Systems and SaaS Services, and (b) maintain and promptly update the registration data to keep it true, accurate, current and complete.
- 2.7 **Title.** As between Consultant and the Town, Consultant shall retain title to and ownership of the SaaS Services, including all copyrights and other Intellectual Property Rights relating thereto. Consultant's licensors shall retain title to and ownership of the Third-Party Data and the Third-Party Components, including all copyrights and other Intellectual Property Rights relating thereto. The Town will have no rights with respect to the SaaS Services, the Third-Party Data or the Third-Party Components other than those expressly granted under this Agreement; provided that the foregoing does not restrict any rights in any Third-Party Data that the Town may have access to pursuant to a separate third-party agreement.
- 2.8 **Data.** As between Consultant and the Town, the Town owns and shall retain all right, title, and interest, including, without limitation, all Intellectual Property Rights, in and to the Town's Data. The Town shall have the sole responsibility for the accuracy, quality, and legality of the Town's Data, including obtaining all rights and consents necessary to share the Town's Data with Consultant as set forth in this Agreement. Notwithstanding anything to the contrary contained herein, to the extent allowed by law, the Town hereby grants to Consultant a revocable, royalty free, non-exclusive, sublicensable (but only as permitted herein) license to use the Town's Data to provide the SaaS Services to the Town. The Town may revoke its consent to Consultant's collecting and using such data, pursuant to this Agreement, by written notice to Consultant; provided, however, that in such case or in the case of any of the foregoing licenses not being allowed by law, the Town understands and agrees that such revocation of consent may impair or render impossible the Town's use of the SaaS Services, and Consultant shall not be liable for any resulting impairment or disruption or other impact on service. Consultant may not sell or offer for sale any of the Town's Data, whether in identifiable, or anonymized and aggregated form.
- 2.9 **THIRD-PARTY APPLICATIONS AND THIRD-PARTY COMPONENTS. IF CONSULTANT INSTALLS OR ENABLES A THIRD-PARTY APPLICATION AND THIRD-PARTY COMPONENTS FOR USE WITH THE SAAS SERVICES, CONSULTANT GRANTS THE TOWN**

PERMISSION TO ACCESS THE TOWN'S DATA STORED ON THAT THIRD-PARTY APPLICATION. CONSULTANT WILL BE RESPONSIBLE FOR ANY THIRD-PARTY APPLICATION OR THIRD-PARTY COMPONENTS, OR FOR ANY FAILURE OF A THIRD-PARTY APPLICATION OR THIRD-PARTY COMPONENT TO PROPERLY INTEROPERATE WITH THE SAAS SERVICES.

- 2.10 **Third-Party Data.** The Town shall access and use any Third-Party Data in accordance with the terms and conditions of this Agreement.
- 2.11 **Agreements with Affiliates.** Consultant, and not the Town, is solely responsible for establishing any required agreement(s) and/or statement(s) of work with Affiliates in connection with the interfaces and for paying all Affiliate fees, costs and expenses.
- 2.12 **Agreements with Subcontractors.** Consultant, and not the Town, is solely responsible for establishing any required agreement(s) and/or statement(s) of work with Subcontractors in connection with the interfaces and for paying all Subcontractor fees, costs and expenses.
- 2.13 **Agreements with Third-Party Providers.** Consultant, and not the Town, is solely responsible for establishing any required agreement(s) and/or statement(s) of work with Third-Party Providers in connection with the interfaces, and for paying all fees, costs and expenses of Third-Party Providers.
- 2.14 **Changes to Services.** Consultant may make changes and Updates to its Services, provided that it does not materially alter the quality of any Services. Consultant shall produce, distribute and release notes to the Town prior to any scheduled releases to production. Consultant shall provide the Town with prompt, and in no case fewer than thirty (30) days, advance notice.
- 2.15 **Subcontractors.** Consultant shall obtain the Town's approval for any Subcontractor, which approval may not be unreasonably withheld. In the event that the Town withholds its approval of a particular Subcontractor, Consultant shall promptly replace such Subcontractor. In instances for which Consultant exercises its right to use a Subcontractor, Consultant shall remain responsible for the duties imposed upon it herein.
- 2.16 **No Third-Party Beneficiaries.** No provision of this Agreement is intended to, nor shall it in any way, inure to the benefit of any third party.
- 2.17 **SaaS Services Redundancy.** As of the Go Live date under this Agreement, Consultant will ensure high availability and redundancy; all Consultant production servers shall be mirrored in a separate availability zone. Availability zones are geographically disparate data centers and are active/actively allowing for immediate failover. As of the Go Live Date, Consultant shall ensure backups for the entire production environment.
- 2.18 **Escrow Account.** The Consultant agrees to provide an escrow account for SaaS Services, Applications, Third-Party Applications, and Third-Party Components including, but not limited to, VideoInsights, MonitorCast, and VI7 Mobile Client mobile application (both Apple iTunes and Google Play Stores).

3. FEES AND PAYMENT TERMS.

- 3.1 **Fees for Consultant Services.** The Town will pay Consultant fees as per Exhibit B and as per Exhibit D for optional features and equipment, collectively the "Fees". The Town agrees to pay Consultant an amount not to exceed **ONE MILLION**

ONE HUNDRED TWO THOUSAND SIX HUNDRED FORTY EIGHT DOLLARS AND 54/100 DOLLARS (\$1,102,648.54) for the TOTAL ten (10) year baseline cost, service requests, warranty, optional features and equipment. Upon an agreement, and at the discretion of the Town and the Consultant, the price for optional features and equipment may be reduced.

- 3.2 **Final Payment.** The final five percent (5%) of the Consultant's Fee, or **FIFTY-FIVE THOUSAND ONE HUNDRED THIRTY TWO DOLLARS AND 43/100 DOLLARS (\$55,132.43)**, shall not be paid until the Consultant has completed all of the Services required under this Agreement and delivered to the Town all of the documents, plans, data, maps, and/or other information required by Section 4.2 herein.
- 3.3 **Affiliate, Subcontractor, Third-Party Data, Third-Party Components, and Third-Party Applications.** No additional fees may be applied, and Consultant is solely responsible for payments of Affiliate, Subcontractor, Third-Party Data, Third-Party Components, and Third-Party Applications.
- 3.4 **Charges and Disputes.** On or before the 10th day of each month, Consultant shall submit to the Town an invoice for the Services provided by Consultant during the immediately preceding month. Each invoice shall be form and content satisfactory to the Town and shall, among other things, include: (i) a specific description of the Services; (ii) such documentation and information as the Town may require to verify the accuracy of the invoice; and (iii) the sum of all prior payments under this Agreement and the balance remaining that may be charged to the Services. Charges not in dispute shall be paid within thirty (30) days of receipt of invoice.
- 3.5 **Taxes.** The Town is a tax-exempt entity and will provide such documentation on request to Consultant in order to waive all taxes, including sales, use, excise, and other governmental fees, duties, and charges (and any penalties, interest, and other additions thereto) that are imposed with respect to the transactions and payments under this Agreement (excluding taxes based on Consultant's income or employment) known as "**Indirect Taxes**". All Fees are exclusive of Indirect Taxes.
- 3.6 All obligations of the Town under this Agreement, which require the expenditure of funds, are conditional upon the availability of funds budgeted and appropriated for that purpose.
- 3.7 Without any additional costs or fees to the account of the Town under this Agreement, Consultant shall be fully responsible to maintain, support, upgrade, and replace any components of the proposed System, including any third party hardware, software and services, and pay for any monthly and or/annual charges for Third-Party Services that are included in Consultant's System.

4. TERM AND TERMINATION.

- 4.1 **Term.** The initial Term of this Agreement begins on the Effective Date herein. However, the parties acknowledge and agree that the Advanced Traffic Management System as described in Exhibit B shall be completed as articulated in RFP #21-05 and the Response to the satisfaction of the Town no later than six (6) months from the Effective Date. At the sole option of the Town, the Town may choose optional features and products as described in Exhibit D. The Consultant recognizes that the Agreement shall commence upon the Effective Date and continue in full force and effect until termination in accordance with its provisions. Consultant and the Town herein recognize that the continuation of any Agreement after the close of any given fiscal year of the Town, which fiscal year ends on

September 30th of each year, shall be subjected to City Council approval. In the event that the City Council does not approve the appropriation of funds for the Agreement, the Agreement shall terminate at the end of the fiscal year for which funds were appropriated and the parties shall have no further obligations hereunder. Agreement may be terminated by the Town at any time upon providing Consultant thirty (30) days written notice of the termination date.

- 4.2 **Termination.** This Agreement may be terminated for any reason, or for no reason whatsoever, by either party upon the terminating party giving the non-terminating party at least thirty (30) days written notice of such termination. Upon termination, Consultant shall be paid in accordance with the terms provided herein, unless Consultant is in breach. If any party fails to perform any of its obligations under the Agreement Documents, such failure shall constitute a default. The non-defaulting party shall give the defaulting party written notice of the default. The defaulting party shall have ten (10) business days after the receipt of such notice in which to cure the default. Failure to cure the default shall constitute a breach of this Agreement. In the event of a breach, the non-breaching party may terminate this Agreement and may obtain any reasonable remedy provided by law. Upon the termination or expiration of this Agreement, Consultant shall transfer, assign and make available to Town, or Town's representative, all documents, records, reports, studies, and information, and all ideas and concepts, (whether kept electronically, in writing, or otherwise) prepared by or for Consultant under or in connection with this Agreement. The same shall be promptly delivered to Town, along with all of Town's property and materials in Consultant's possession or control belonging to Town. The obligations in this subsection shall survive the expiration or termination of this Agreement.

5. **CONFIDENTIALITY.**

- 5.1 **Confidentiality.** For purposes of this Agreement, the term "**Confidential Information**" means all information that is not generally known by the public and that: (i) is obtained by Consultant from the Town, or that is learned, discovered, developed, conceived, originated, or prepared by Consultant during the process of performing this Agreement, and (ii) relates directly to the business or assets of the Town. Confidential Information shall include, but shall not be limited to: inventions, discoveries, trade secrets, and know-how; computer software code, designs, routines, algorithms, and structures; product information; research and development information; lists of clients and other information relating thereto; financial data and information; business plans and processes; and any other information of the Town that the Town informs Consultant, or that Consultant should know by virtue of its position, is to be kept confidential. During the Term of this Agreement, and always thereafter, Consultant agrees that it will not disclose to others, use for its own benefit or for the benefit of anyone other than Town, or otherwise appropriate or copy, any Confidential Information, whether or not developed by Consultant, except as required in the performance of its obligations to Client hereunder.

5.2 **CJIS Standards; Employee Background Checks.**

- (a) The Town understands and agrees that Consultant utilizes third party vendors (the "**Hosting Providers**") to host the SaaS Services. The Town may request reasonable records from Consultant from time to time to assess Consultant's

adherence to requirements of the applicable Criminal Justice Information System (“CJIS”) Security Policy promulgated by the Federal Bureau of Investigation (“FBI”) as well as any requirements specifically applicable to the Texas CJIS. For the avoidance of doubt, the Town may need the consent of Hosting Provider to obtain any records or information from Hosting Provider. Consultant will use reasonable effort to assess that Hosting Provider complies with its own data protection practices applicable to the Federal and Texas CJIS.

- (b) The Town will have the opportunity to run background checks on Consultant employees that will have direct access to Town Data in the production environment (such employees, the “**Covered Employees**”), provided that Consultant may assume that a Covered Employee has been cleared by the Town if Consultant does not receive an adverse response from Town within thirty (30) days of a submission of a background check request. The Town reserves the right to prevent any Covered Employee from entering its physical premises at any time.
- (c) Consultant shall comply with all applicable requirements of the most current Federal and Texas CJIS Security Addenda provided to Consultant by the Town.

6. REPRESENTATIONS.

Power and Authority. Each party represents and warrants that it has the full right, power and authority to enter into this Agreement and to discharge its obligations hereunder and that the person signing this Agreement on behalf of the party has the authority to bind that party. The Town represents and warrants that it has obtained, and shall have, all necessary approvals, consents, and authorizations necessary for procurement under this Agreement and that its obligations under this Agreement do not, and shall not, exceed any budget authority limitations, during the Term of this Agreement. The Town further represents that it has not received federal funding in connection with procurement under this Agreement.

7. LIMITATION OF LIABILITY.

7.1 **Liability Exclusion.** IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OR FOR ANY OTHER DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE FURNISHING, PERFORMANCE, OR USE, OR FAILURE OF THE SERVICES, THE THIRD PARTY COMPONENTS OR THE THIRD PARTY DATA PROVIDED UNDER THIS AGREEMENT, INCLUDING WITHOUT LIMITATION, PERSONAL INJURY, DEATH, DAMAGE TO PROPERTY, ENVIRONMENTAL DAMAGE, LOSS OF PROFITS, REVENUES, ANTICIPATED SAVINGS, CUSTOMERS, OPPORTUNITIES, DAMAGE TO PRIVACY, REPUTATION OR GOODWILL OR UNAVAILABILITY OF THE SERVICES, REGARDLESS OF WHETHER THE PARTY LIABLE OR ALLEGEDLY LIABLE WAS ADVISED, HAD OTHER REASON TO KNOW, OR IN FACT KNEW OF THE POSSIBILITY THEREOF.

7.2 **Exceptions.** NOTWITHSTANDING THE FOREGOING, THE EXCLUSIONS AND LIMITATIONS OF LIABILITY SET FORTH IN SECTION 7.1 SHALL NOT APPLY TO DAMAGES ARISING FROM EITHER PARTY’S INDEMNITY OBLIGATIONS UNDER THIS AGREEMENT OR EITHER PARTY’S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT.

8. INDEMNIFICATION AND INSURANCE.

8.1 CONSULTANT, ITS OFFICERS, DIRECTORS, PARTNERS, CONTRACTORS, EMPLOYEES, REPRESENTATIVES, AGENTS, SUCCESSORS, ASSIGNEES, VENDORS, GRANTEEES AND/OR TRUSTEES (COLLECTIVELY REFERRED TO AS "CONSULTANT" FOR PURPOSES OF THIS SECTION), AGREE TO RELEASE, DEFEND, INDEMNIFY AND HOLD HARMLESS THE TOWN AND ITS OFFICERS, COUNCIL MEMBERS, REPRESENTATIVES, AGENTS AND EMPLOYEES (COLLECTIVELY REFERRED TO AS "TOWN" FOR PURPOSES OF THIS SECTION) FROM ANY AND ALL CLAIMS (INCLUDING COPYRIGHT/TRADEMARK INFRINGEMENT), DEMANDS, DAMAGES, INJURIES (INCLUDING DEATH) LIABILITIES AND EXPENSES (INCLUDING ATTORNEYS' FEES AND COSTS OF DEFENSE) ARISING DIRECTLY OR INDIRECTLY OUT OF THE OPERATION OR PERFORMANCE OF CONSULTANT UNDER THIS AGREEMENT. THE TOWN WILL NOT ACCEPT LIABILITY FOR INJURIES THAT ARE THE RESULT OF THE NEGLIGENCE, MALFEASANCE, ACTION OR OMISSION OF CONSULTANT. CONSULTANT AGREES TO ACCEPT LIABILITY FOR INJURIES TO ITSELF OR OTHERS CAUSED BY ITS OWN NEGLIGENCE, MALFEASANCE, ACTION OR OMISSION. THIS INDEMNIFICATION PROVISION IS ALSO SPECIFICALLY INTENDED TO APPLY TO, BUT NOT LIMITED TO, ANY AND ALL CLAIMS, WHETHER CIVIL OR CRIMINAL, BROUGHT AGAINST THE TOWN BY ANY GOVERNMENT AUTHORITY OR AGENCY RELATED TO ANY PERSON PROVIDING SERVICES UNDER THIS AGREEMENT THAT ARE BASED ON ANY FEDERAL IMMIGRATION LAW AND ANY AND ALL CLAIMS, DEMANDS, DAMAGES, ACTIONS AND CAUSES OF ACTION OF EVERY KIND AND NATURE, KNOWN AND UNKNOWN, EXISTING OR CLAIMED TO EXIST, RELATING TO OR ARISING OUT OF ANY EMPLOYMENT RELATIONSHIP BETWEEN CONSULTANT AND ITS EMPLOYEES OR SUBCONTRACTORS AS A RESULT OF THAT SUBCONTRACTOR'S OR EMPLOYEE'S EMPLOYMENT AND/OR SEPARATION FROM EMPLOYMENT WITH THE CONSULTANT, INCLUDING BUT NOT LIMITED TO ANY DISCRIMINATION CLAIM BASED ON SEX, SEXUAL ORIENTATION OR PREFERENCE, RACE, RELIGION, COLOR, NATIONAL ORIGIN, AGE OR DISABILITY UNDER FEDERAL, STATE OR LOCAL LAW, RULE OR REGULATION, AND/OR ANY CLAIM FOR WRONGFUL TERMINATION, BACK PAY, FUTURE WAGE LOSS, OVERTIME PAY, EMPLOYEE BENEFITS, INJURY SUBJECT TO RELIEF UNDER THE WORKERS' COMPENSATION ACT OR WOULD BE SUBJECT TO RELIEF UNDER ANY POLICY FOR WORKERS COMPENSATION INSURANCE, AND ANY OTHER CLAIM, WHETHER IN TORT, CONTRACT OR OTHERWISE.

IN ITS SOLE DISCRETION, THE TOWN SHALL HAVE THE RIGHT TO APPROVE OR SELECT DEFENSE COUNSEL TO BE RETAINED BY CONSULTANT IN FULFILLING ITS OBLIGATION HEREUNDER TO

DEFEND AND INDEMNIFY TOWN, UNLESS SUCH RIGHT IS EXPRESSLY WAIVED BY TOWN IN WRITING. THE TOWN RESERVES THE RIGHT TO PROVIDE A PORTION OR ALL OF ITS OWN DEFENSE; HOWEVER, THE TOWN IS UNDER NO OBLIGATION TO DO SO. ANY SUCH ACTION BY THE TOWN IS NOT TO BE CONSTRUED AS A WAIVER OF THE CONSULTANT'S OBLIGATION TO DEFEND TOWN OR AS A WAIVER OF THE CONSULTANT'S OBLIGATION TO INDEMNIFY THE TOWN PURSUANT TO THIS AGREEMENT. CONSULTANT SHALL RETAIN TOWN-APPROVED DEFENSE COUNSEL WITHIN SEVEN (7) BUSINESS DAYS OF THE TOWN'S WRITTEN NOTICE THAT THE TOWN IS INVOKING ITS RIGHT TO INDEMNIFICATION UNDER THIS AGREEMENT. IF CONSULTANT FAILS TO RETAIN COUNSEL WITHIN SUCH TIME PERIOD, TOWN SHALL HAVE THE RIGHT TO RETAIN DEFENSE COUNSEL ON ITS OWN BEHALF, AND CONSULTANT SHALL BE LIABLE FOR ALL COSTS INCURRED BY THE TOWN.

THIS PARAGRAPH SHALL SURVIVE THE TERMINATION OF THIS AGREEMENT.

8.2 Insurance. Consultant shall comply with all insurance requirements as further described in Exhibit A and Exhibit B.

9. MISCELLANEOUS.

9.1 Notices. Any notice provided or permitted to be given under this Agreement must be in writing and may be served by depositing same in the United States mail, addressed to the party to be notified, postage pre-paid and registered or certified with return receipt requested, or by delivering the same in person to such party via a hand-delivery service, Federal Express or any courier service that provides a return receipt showing the date of actual delivery of same, to the addressee thereof. Notice given in accordance herewith shall be effective upon receipt at the address of the addressee. For purposes of notification, the addresses of the parties shall be as follows:

If to Consultant, to: STS360
 Attn: John Hoffman
 4040 State Highway 121, suite 160
 Carrollton, Texas 75010
 (972) 392-3635

If to Town, to: Town of Addison
 Attn: City Manager
 5300 Belt Line Road
 Dallas, Texas 75254

9.2 Assignment. This Agreement may not be assigned without the written agreement of both parties hereto.

- 9.3 **Venue.** The obligations of the parties to this Agreement shall be performable in Dallas County, Texas and if legal action is necessary in connection with or to enforce rights under this Agreement, exclusive venue shall lie in Dallas County, Texas.
- 9.4 **Governing Law.** This contract shall be governed by and construed in accordance with the laws and court decisions of the State of Texas, without regard to conflict of law or choice of law principles of Texas or of any other state.
- 9.5 **Binding Effect.** This Agreement shall be binding on and inure to the benefit of the Parties and their respective heirs, executors, administrators, legal representatives, successors, and assigns when permitted by this Agreement.
- 9.6 **Ordinances.** Except as specifically provided in the Agreement Documents, the parties agree that Consultant shall be subject to all Ordinances of the Town, whether now existing or in the future arising.
- 9.7 **Authority to Execute.** The Parties and individuals executing this Agreement represent there are no other parties or entities required to execute this Agreement, that each individual affixing his or her signature hereto is authorized to do so, and such authorization is valid and effective on the date hereof.
- 9.8 **Sovereign Immunity.** The parties agree that the Town has not waived its sovereign immunity by entering into and performing its obligations under this Agreement.
- 9.9 **Severability.** In case any one or more of the provisions contained in this Agreement is, for any reason, held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof, and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.
- 9.10 **Representations.** Each signatory represents this Agreement has been read by their respective Party and that such party has had an opportunity to confer with its legal counsel.
- 9.11 **Force Majeure.** If the performance of any covenant or obligation to be performed hereunder by any party is delayed as a result of circumstances which are beyond the reasonable control of such party (which circumstances may include, without limitation: acts of God, war, acts of civil disobedience, fire or other casualty, shortage of materials, adverse weather conditions [such as (by way of illustration and not of limitation) severe rain storms or below freezing temperatures, or tornados], labor action, strikes or similar acts, moratoriums or regulations or actions by governmental authorities), the time for such performance shall be extended by the amount of time of such delay, but no longer than the amount of time reasonably occasioned by the delay. The party claiming delay of performance as a result of any of the foregoing Force Majeure events shall deliver written notice of the commencement of any such delay resulting from such Force Majeure event not later than seven (7) days after the claiming party becomes aware of the same, and if the claiming party fails to so notify the other party of the occurrence of a Force Majeure event causing such delay and the other party shall not otherwise be aware of such Force Majeure event, the claiming party shall not be entitled to avail itself of the provisions for the extension of performance contained in this subsection.
- 9.12 **No Boycott of Israel.** Pursuant to Texas Government Code Chapter 2271, Consultant's execution of this Agreement shall serve as verification that the Consultant does not presently boycott Israel and will not boycott Israel during the Term of this Agreement.

- 9.13 **Independent Contractor.** The relationship between the Town and the Consultant is that of independent contractor, and the Town and the Consultant, by the execution of this agreement, do not change the independent status of the Consultant. The Consultant is an independent contractor, and no term or provision of this Agreement or action by the Consultant in the performance of this Agreement is intended nor shall be construed as making the Consultant the agent, servant or employee of the Town, or to create an employer-employee relationship, a joint venture relationship, or a joint enterprise relationship.
- 9.14 **Miscellaneous Drafting Provisions.** This Agreement shall be deemed drafted equally by all parties hereto. The language of all parts of this Agreement shall be construed as a whole according to its fair meaning, and any presumption or principle that the language herein is to be construed against any party shall not apply. Headings in this Agreement are for the convenience of the parties and are not intended to be used in construing this document.
- 9.15 **Agreement Documents.** The Agreement Documents, as that term is used herein, shall include the following documents, and this Agreement does hereby expressly incorporate said Agreement Documents herein as fully as if set forth verbatim in the Agreement.
- (a) This Agreement;
 - (b) Town of Addison RFP #21-05, attached hereto as **Exhibit A**;
 - (c) Consultant's Response to RFP #21-05, attached hereto as **Exhibit B**;
 - (d) Service Level Agreement, attached hereto as **Exhibit C**;
 - (e) Town of Addison's Additional Requirements, Baseline Cost, and Optional Features and Equipment, attached hereto as **Exhibit D**;
 - (f) Transition Assistance, attached hereto as **Exhibit E**;

This Agreement shall incorporate the terms of all attachments in their entirety. To the extent that Exhibit A , Exhibit B, Exhibit C, Exhibit D, or Exhibit E are in conflict with provisions of this Agreement or each other, the provisions of this Agreement, the provisions of Exhibit A, then the provisions of Exhibit C, then the provisions of Exhibit D, then the provisions of Exhibit E, and then the provisions of Exhibit B shall prevail in that order.

IN WITNESS, WHEREOF, we, the contracting parties, by our duly authorized agents, hereto affix our signatures and seals on this the ____ day of _____, 2021.

TOWN OF ADDISON, TEXAS

By: _____
Wesley S. Pierson, City Manager

Date: _____

STS361

By:

Print John Hoffman

Tim Vice President of Sales

Date: 4-07-2021

STATE OF TEXAS §

COUNTY OF Name §

BEFORE ME, the undersigned authority, on this day personally appeared Wesley S. Pierson known to me to be one of the persons whose names are subscribed to the foregoing instrument; he acknowledged to me he is the duly authorized representative for the **Town of Addison, Texas** and he executed said instrument for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 2021.

Notary Public in and for the State of Texas
My Commission Expires: _____

STATE OF _____ §

COUNTY OF _____ §

~~BEFORE ME~~, the undersigned authority, on this day personally appeared Wy Hoffman known to me to be one of the persons whose names are subscribed to the foregoing instrument; he acknowledged to he is the duly authorized representative for STS360 and he executed said instrument for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this ____ day of _____, 2021.

Dani Empey

Notary Public in and for the State of Texas
My Commission Expires: 7/16/2021

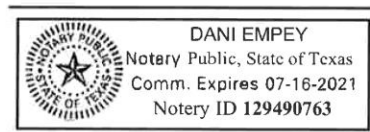


EXHIBIT A

Town of Addison

Bid 21-05

Solicitation 21-05

Security Camera System

Bid Designation: Public



Town of Addison

**Bid 21-05
Security Camera System**

Bid Number	21-05
Bid Title	Security Camera System
Bid Start Date	Oct 16, 2020 11:34:41 AM CDT
Bid End Date	Dec 10, 2020 2:00:00 PM CST
Question & Answer End Date	Dec 3, 2020 12:00:00 PM CST
Bid Contact	Wil Newcomer Purchasing Manager
Bid Contact	Michele Griffin Accounting Specialist Finance
Pre-Bid Conference	Nov 10, 2020 9:00:00 AM CST Attendance is mandatory Location: Prebid #1 Addison Service Center 16801 Westgrove Drive Addison, Texas 75001
Pre-Bid Conference	Nov 12, 2020 9:00:00 AM CST Attendance is mandatory Location: Prebid #2 (continuation of #1 if needed) Addison Service Center 16801 Westgrove Drive Addison, Texas 75001
Description	
*No fax or email submittals accepted.	

Request For Proposal #21-05
Security Camera System

Request for Proposal #21-05

Security Camera System

Date Issued: Friday, October 16, 2020

Date Due: Thursday, December 10, 2020



Request for Proposal Security Camera System

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Request for Proposal

Security Camera System

1. OVERVIEW

The Town of Addison wants to implement an advanced security camera system that will allow the Town's staff to view, record, and archive video feeds from any location, any device with Internet access. The Town seeks an experienced company (the Vendor), who can accomplish all the requirements identified within this Request for Proposal (RFP). The Vendor should also have the capability to expand and to integrate with additional features and functionalities that may be identified in the future.

1.1. THE TOWN OF ADDISON

The Town is located in the North Dallas area along the Dallas North Tollway which has been referred to as the "platinum corridor" of the Dallas Metroplex. Aside from the Town, the area encompasses the Dallas suburbs of Carrollton, Farmers Branch, and Plano. The area is home to upscale residential neighborhoods, over 10 million square feet of office space, 180 restaurants, and 23 hotels. The area commands a central location in reference to downtown Dallas, DFW Airport, and the Plano corporate campus area.

1.2. EVENTS & DATES

The following sequences of events and tentative dates have been established.

Request for Proposal Distributed – Friday, October 16, 2020

Copies of this proposal can be obtained through the following media.

Hardcopy/Electronic: Office of the Purchasing Manager
Addison Finance Building
5350 Belt Line Road
Dallas, Texas 75254
Phone: 972-450-7091

MANDATORY Pre-Bid Meeting and Vendor Walkthrough 1 – 9 a.m., Tuesday, November 10, 2020, at the Service Center. The address is 16801 Westgrove Drive, Addison TX, 75001. This is a mandatory meeting. Failure to attend this meeting will automatically disqualify the Vendor from consideration. Due to COVID 19, all attendees are required to wear masks and practice social distancing. Attendees must have their transportation for site visits. For sites that are available for public access, the Vendor can visit them at the Vendor's discretion.

Vendor Walkthrough 2 (if needed, a continuation of sites not visited previous day) – 9 a.m., Thursday, November 12, 2020, at the Service Center. The address is 16801 Westgrove Drive, Addison TX, 75001. Due to COVID 19, all attendees are required to wear masks and practice social distancing. Attendees must have their transportation for site visits. For sites that are



Request for Proposal

Security Camera System

available for public access, the Vendor can visit them at the Vendor's discretion.

Last Day for RFP Inquiries – Thursday, December 3, 2020 before noon.

Vendor Sealed Proposals due – Thursday, December 10, 2020 at 2:00 p.m.

Proposals shall be enclosed in a sealed envelope, and include an electronic copy (USB preferred). No late proposals will be accepted.

Vendor must clearly mark on outside of proposal envelope/package the following.

Company name, address, and bid name:

RFP #21-05 Security Camera System

Submit to: Office of the Purchasing Manager
Addison Finance Building
5350 Belt Line Rd
Dallas, Texas 75254

1.3. CONTACT INFORMATION

Please direct all questions to BidSync at <https://www.bidsync.com>.

2. DEFINITIONS

Camera Unit – all equipment required to control, view, monitor, and record. The unit should include all necessary components, including but not limited to the conduit, cabling, power access and backup power, communication, enclosure to protect the unit from vandalism and the weather, storage, and mounting equipment, to allow access to the viewing area.

Server Unit – a central location where the video feeds from cameras can be viewed, monitored, searched, recorded, and controlled by Town's Staff. This unit should include all necessary components, including but not limited to the conduit, cabling, power access, communication, storage, and mounting equipment to view, monitor, record, and control video stream from a Camera Unit.

System – Same as the Solution. The solution comprises of all server unit(s), camera units, software, and interconnecting equipment.

The Town – Same as Town of Addison or Addison.

Town's Staff – An internal employee at the Town of Addison who is either an administrator or department staff.

Vendor – The Offeror of this request.



Request for Proposal Security Camera System

3. WORK DEFINITION

The solution must contain sufficient vendor resources **to design and implement a complete system that will enhance current capabilities.**

3.1. EXISTING CAMERA SYSTEM

The Town currently utilizes Avigilon cameras and AXIS cameras with doorbells at the following locations. A detailed layout for the police department can be provided after a proper disclosure form has been signed.

1. Police Department, located at 4799 Airport Parkway, Addison, TX 75001
 - Total of 61 Avigilon camera units inside and outside and 2 server units.
2. Addison Athletic Club, located at 3900 Beltway Drive, Addison, TX 75001
 - Total of 38 Avigilon camera units inside and outside and 1 server unit.
 - Locations are only approximate in Appendix C and Appendix D.
3. Addison Airport and Fuel Farm, located at 32°57'46.5"N 96°49'48.9"W
 - Total of 8 Avigilon camera units outside and 1 server unit.
 - Locations are only approximate in Appendix E.
4. Service Center, located at 16801 Westgrove Drive, Addison, TX 75001
 - Total of 9 Avigilon camera units outside and 1 server unit.
 - Locations are only approximate in Appendix H.
5. Addison Conference and Theater Centre, located at 15650 Addison Road, Addison, TX 75001
 - Total of 36 Avigilon camera units inside and outside and 1 server unit.
 - Locations are only approximate in Appendix F and Appendix G.
6. Finance, located at 5350 Belt Line Road, Dallas, TX 75254
 - Total of 2 AXIS camera units outside.
7. Town Hall, located at 5300 Belt Line Road, Dallas, TX 75254
 - Total of 2 AXIS camera units outside.
8. Addison Treehouse, located at 14681 Midway Road, Suite 200, Addison, TX 75001
 - Total of 15 Avigilon camera units inside and 1 server unit.



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Security Camera System

- Locations are only approximate in Appendix I.
9. Addison Circle Park, located at 490 Addison Circle Drive, Addison, TX 75001
- Total of 24 Avigilon camera units outside and 2 server units.
 - Locations are only approximate in Appendix A.

All server units can be accessed from anywhere on the network. Town's Staff can log in to view, search, and export video streams. In addition, Town's Staff can restart the camera units remotely.

3.2. SPECIFICATIONS

The proposed solution must be flexible for future expansion to add more cameras at the locations. It will need to replace and enhance the current capabilities.

1. Normal Functions

- 1.1. Versatile Control Center** – One (1) control center allows Town's Staff to rearrange cameras, add labels and descriptions to cameras, group cameras together, and set watch mode on a camera or group of cameras. Rearranging cameras should be as simple as drag-and-drop. The control center should allow displays on multiple high-resolution screens, and selected cameras can be viewed on one screen or multiple screens.
- 1.2. Web-based IP Interface** – In addition to the Control Center or combining with the features in the Control Center, Town's Staff should be able to interact with camera units remotely from any location through a web-based IP interface. In addition, Town's Staff must be able to receive and transmit data, video, status updates, and programming. The interface should use open standard HTML5 with no proprietary software or out-of-date software technologies, such as Flash or Silver Light.
- 1.3. Camera Views and User Privileges** – Town's Staff can create different sub-views of the cameras for the different departments that are in charge of the cameras within their area of responsibilities. The sub-views will be assigned to different users with different access privileges, including but not limited to view only, edit labels and descriptions, grouping cameras, and other administrative duties.
- 1.4. Smart Analytics** – The Control Center should include video analytics and smart search algorithm for detecting suspicious activities, motion detection, heatmap, areas of interest, and other advanced video analytics. The Control Center should include a comprehensive map of cameras and their statuses on a map, such as Google Maps, OpenStreet Map, or GIS.
- 1.5. Alerts** – The system should display alerts at the Control Center and send alerts through email and/or SMS text messages.



Request for Proposal Security Camera System

- 1.6. **IP Cameras** – cameras should be IP-based.
- 1.7. **High Definition (HD) Resolution** – the cameras are required to be HD. Video feeds of fast-moving objects should not be blurry.
- 1.8. **Weatherproof, Vandalism, and Tamper Proof** – cameras are required to be weatherproof for outside. It should be protected against vandalism and should include tamper detection.
- 1.9. **Night Vision** – cameras should have night vision of 100 feet.
- 1.10. **Vision and Recording** – the system should have a clear vision and recording of the viewing area 99.9% of the time. The Vendor is responsible for ensuring a clear viewing area with no obstruction in front of the camera. Cameras should work in uneven light.
- 1.11. **Motion Detection, Recording, and Power Saving Mode** – cameras should have a motion detection feature available and should have the option to record if motion is detected. For remote locations (such as trails), cameras may be allowed to be in power-saving mode and to turn on and record when motion is detected.
- 1.12. **Export Video and Image** – the system should have the capabilities to export videos and images with predefined and custom timeframe in high resolution formats, including but not limited to JPG, PNG, BMP, AVI, MPEG, and other popular video formats.
- 1.13. **Storage and Compression** – the server unit(s) should have the storage capacity for archive and retrieval. Active storage should be available for 30 days, and afterward, the videos should be in archive storage for 3 months. The proposal should have provisions for expanding or reducing active and archive storage. Additionally, compression algorithms should be employed to reduce the size of the videos.
- 1.14. **Connection Reliability** – The connection between the server unit(s) and camera units must be reliable with 99.99% uptime.
- 1.15. **Remote Troubleshooting** – The solution should allow Town's Staff to troubleshoot issues remotely without going into the field.

2. Technology

- 2.1. **Cybersecurity and Security Practices** – The Town takes cybersecurity very seriously, and it expects the Vendor to follow industry standards and best practices for code, server, database, and other configurations that are relevant to the functioning of the system. The web-based IP interface is expected to run HTTPS. A strong user authentication technique, but simple to use, is required. Furthermore, the Vendor must be licensed by the Texas Private Security Bureau, a division of the Texas Department of Public Safety and the Solution must adhere to the Public Safety security practices.



Request for Proposal Security Camera System

- 2.2. Software and Hosting Solution** – if possible, the Vendor is encouraged to provide three (3) independent hosting solutions: 1) 100% onsite hosted solution by the Town, 2) 100% Cloud base solution, or 3) hybrid solution.
- 2.3. Software and On-going Maintenance** – All software must have the longest possible end-of-life (EoL). The software and firmware supporting the system must be able to update to the latest version when it is available. The Vendor should be able to provide on-going maintenance and technical support for the system.
- 2.4. Data Ownership** – All data developed during this project shall be considered the property of the Town of Addison, Texas. The Town should have access to any available traffic signal data within the system.

3. Others

- 3.1. Training** – The Vendor must provide training sessions and training documents and/or videos that are intuitive for Town's Staff. The number of training hours should be included, and training sessions will be for administrator users and other Town's designated personnel.
- 3.2. Audio** – the Vendor may be asked to provide the capability to record audio along with the accompanying video feed.
- 3.3. Optional Integration with Door Control** – the Town requests an optional integration feature for door control. The Solution should be using a non-proprietary and open-sourced standard for door control mechanism – doorbell or buzzer and door lock/unlock mechanism – that will allow Town's Staff to unlock the door at the camera's location.
- 3.4. Integrated with Smart Internet of Things (IoT)** – the Town requests an itemized quote for the capabilities to integrate Smart IoT sensors on some of the camera locations on the park trails.
- 3.5. View Angles, Focus Lens, and Pan-Tilt-Zoom (PTZ)** – the Vendor should include options for the Town to replace cameras at a certain location to include 180 degrees, 360 degrees, and PTZ. Town's Staff can adjust the focus of the camera remotely.
- 3.6. Timeline** – the Vendor is encouraged to submit a detailed timeline from start to finish for implementation. The Town requests to have the project completion date within six (6) to eight (8) months after the formal contract is signed with the Vendor.
- 3.7. GIS Map Layer** - the Vendor will provide a GIS file containing the map of all cameras and their viewing areas upon the completion of the project.

4. Locations



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Security Camera System

- 4.1. Camera Placement** – For the Town’s buildings in the current and additional locations, the Town requests cameras to provide adequate views of the parking lots and entrance doors.
- 4.2. Replacing Existing Locations** – the Solution must replace and enhance all cameras in the existing locations, as specified in Section 3.1
- 4.3. Additional Locations** – the Solution should also include new additional locations in the following list:
- ✓ Fire Station 1, located at 4798 Airport Parkway, Addison, TX 75001
 - ✓ Fire Station 2, located at 3950 Beltway Drive, Addison, TX 75001
 - ✓ Spruill Park, located at 3966 Vitruvian Way, Addison, TX 75001
 - ✓ Celestial Park, located at 5501 Celestial Road, Addison, TX 75001
 - ✓ Community Garden, located at 3900 Beltway Drive, Addison, TX 75001. Southwest corner of the lot.
 - ✓ Les Laes Linear Park, located at 3901 Beltway Drive, Addison, TX 75001.
 - ✓ White Rock Creek Trail, trail is located at the southeast corner of Belt Line Road at Winnwood Road.
 - ✓ Belt Way Trail, address is TBD. Latitude and Longitude are 32°57'06.7"N 96°50'29.9"W.
 - ✓ Town Park and Dog Run by Town Park, located at 3799 Sidney Drive, Addison, TX 75001
 - ✓ Vitruvian Park, located at 3966 Vitruvian Way, Addison, TX 75001
 - ✓ Redding Trail Dog Park, located at 14661 Midway Rd, Addison, TX 75001
 - ✓ Addison Grove, located at is 4150 Belt Line Road, Addison, TX 75001. The green space (park) is located in the middle of the building structures.
 - ✓ Winnwood Park, located at 5580 Belt Line Road, Dallas, TX 75254
 - ✓ Bosque Park, located at 15675 Quorum Drive, Addison, TX 75001
 - ✓ Oaks North Neighborhood, located at the intersection of Oaks North and Palladium streets. Latitude and Longitude are 32°57'00.3"N 96°48'55.4"W. Proposed locations are in Appendix B.

4. PROPOSAL FORMAT

The Vendor will define the capabilities of its organization to supply and maintain the hardware and software and provide the services as outlined within this RFP.



Request for Proposal Security Camera System

The response should be prepared in a simple and straightforward manner. **The Vendor will provide two (2) original, in hard copy format, and one (1) in electronic format (USB Flash Drive)** to the location specified within this RFP on or before the closing date and time for receipt of proposals.

The Vendor will segment their proposal into the following sections.

4.1. EXECUTIVE SUMMARY

The Vendor will provide an Executive Summary, which presents in brief, concise terms, a summary-level description of the contents of the Proposal.

The Vendor will detail all exceptions to the exact requirements imposed by this RFP.

The Vendor will indicate the proposal is firm for one hundred and eighty (180) days after the due date for receipt of proposals or receipt of the last best and final offer submitted.

4.2. VENDOR PROFILE

The Vendor will indicate the primary company assuming overall responsibility for the successful completion of the project. In addition, the Vendor will indicate all other companies who will be providing products or services through a subcontracting arrangement with the Vendor.

It is important to recognize the Town is looking for a single Vendor to assume primary responsibility for the successful implementation of the proposed solution from contract signing through formal acceptance by the Town.

The Vendor profile information will include such items as the year established, business organization, office locations, financial history, nature of business, strategic direction, industry specialties, software products, hardware products, number of employees, number of client installations, outstanding litigation, and authorized negotiator(s).

4.3. VENDOR QUALIFICATIONS

The Vendor must be a one-source vendor and must demonstrate a proven track record in providing reliable technology solutions across a series of successful installation efforts.

The Vendor's record will reflect experience within a similar environment and of a similar nature and magnitude to that being proposed to the Town. Relevant experience must be associated with projects completed not more than three (3) years prior to the date of this RFP. The Vendor will provide a customer reference listing and related contact information for a minimum of five (5) customers for which the Vendor has completed a similar effort. Each reference must include the following items:



Request for Proposal Security Camera System

1. Government/Company Name
2. Location
3. Contact Person and Title
4. Telephone Number
5. Scope of Work and URL
6. Contract Period

The Vendor is asked to provide a comprehensive list of customers for review by the Town.

4.4. THE SOLUTION

The Town recognizes that the implementation of an extensive system is a complex effort and that not all possible variables are provided for within this RFP document. Therefore, it is acknowledged that the Vendor may be required to make assumptions regarding the Town's environment or specific requirements. Any assumptions made by the Vendor regarding this RFP should be documented in-line with the response.

Additional detailed review and design activities will take place with the Vendor finalist to refine elements of the proposal, prior to contract negotiation and approval.

4.5. THE PROJECT APPROACH

The Vendor will present its methodology and approach to completing this project. Each major activity will be identified, discussed and project deliverables identified.

4.6. SOLUTION COSTING

The Vendor will provide a detailed breakdown of all costs required for a successful implementation of the proposed solution. The Town encourages the Vendor to fully identify costs. To minimize or hedge on costs will only serve to place the Town and the Vendor at a disadvantage.

The Town is requesting the Vendor provide specific cost information for each described component, annual support/on-going maintenance, and sub-total per item in an Itemized Cost Format in an Excel Spreadsheet.

4.7. OTHER VENDOR INFORMATION

This section will include additional details, which will allow the Town to gain a greater appreciation for the proposed solution. Any information, which is considered proprietary, should be clearly marked as such. The Town will assume no obligation or liability in the event proprietary information is disclosed.



Request for Proposal

Security Camera System

4.8. BONDS

Proposals shall be accompanied by a Bid Bond in an amount not less than five percent (5%) of the total maximum proposal price payable without recourse to the Town of Addison as a guarantee that the offeror will enter into a contract and execute required Bonds within ten (10) calendar days after notice of award of contract is given. The bid bond shall be from a reliable surety company licensed by the State of Texas to act as a Surety and listed on the current U.S. Treasury Listing of Approved Sureties. Performance Bond and Maintenance Bond will be required by the Town; each Bond shall be in the amount of 100% of the total contract amount.

5. TERMS AND CONDITIONS

The Town of Addison standard terms and conditions will prevail unless otherwise agreed to between the Town and the Vendor. The Town views this RFP as the framework to be used by the Vendor in preparing and submitting the proposal.

It is important for the Vendor to become familiar with the Town's standard terms and conditions as well as items within this section, as they will prevail in the event of any discrepancies or differences between project-related or contractual documents.

5.1. BASIS FOR PROPOSAL

Only information supplied by the Town in writing through the Purchasing Office should be used in the preparation of Vendor Proposals.

Only replies by formal addenda shall be binding. Oral and other interpretations or clarifications shall not be binding. Vendors must acknowledge all addenda by signing and including such documents in the Proposal.

5.2. VENDOR TERMS AND CONDITIONS

The Vendor must submit a complete set of any additional terms and conditions that they propose to have included in a contract negotiated with the Town.

5.3. DISCLOSURE OF PROPOSAL CONTENTS

Proposals shall be opened in a manner that avoids disclosure of the contents to competing Vendors and keeps the proposals secret during negotiations. All proposals are open for public inspection after the contract award, but trade secrets and confidential information in the proposals may not be open for public inspection. Such data must be stamped "**proprietary**" or "**confidential**" on each page on which they appear, must be readily separable from the proposal and may be subject to review by the Attorney General of Texas in accordance with the Texas Open Records Act.

Vendors are advised that the confidentiality of their proposals will be protected by the Town to the extent permitted by law. Vendors are advised to consider the implications



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Security Camera System

of the Texas Open Records Act, particularly after the proposal process has ceased, and a contract has been awarded. While there is a provision to protect proprietary information under the Act, where the vendor can meet certain evidentiary standards, please note that a ruling on whether these standards have been met will not be determined by the Purchasing Office of the Town of Addison but by the office of the Attorney General of Texas.

5.4. LATE PROPOSALS

Proposals must be returned in sufficient time so as to be received and date/time stamped at the specified location on or before the published proposal date and time specified. Any proposal received after the time and date set for receipt of proposals is late and cannot be considered.

5.5. SIGNING OF PROPOSALS

The submission and signature of a Proposal shall indicate the intention of the Vendor to adhere to the provisions described in this Request for Proposal.

5.6. COST OF PROPOSAL

This Request for Proposal does not commit the Town to pay any costs incurred by any Vendor in preparation and/or submission of a Proposal, or for procuring or contracting for the items to be furnished under the RFP. All costs directly or indirectly related to responding to this RFP (including all costs incurred in supplementary documentation) will be borne by the Vendor.

Each Vendor will be responsible for all costs incurred in preparing or responding to this RFP. The Vendor agrees to bear all risks for loss, injury, or destruction of goods and materials (ordered or supplied as the result of the eventual contract), which might occur prior to delivery to the Town; and such loss, injury, or destruction, shall not release the Vendor from any obligations under this RFP or any resulting contract.

5.7. CONFLICT OF INTEREST, NON-COLLUSION, AND ANTI LOBBYING

The Vendor promises that its officers, employees or agents will not attempt to lobby or influence a vote or recommendation related to the firm's proposal response; directly or indirectly, through any contact with Town Council members or other Town officials between the proposed submission date and award by the Town Council and that there will be non-collusion and non-conflict of interest.

5.8. OWNERSHIP OF PROPOSALS

All documents submitted in response to this Request for Proposal shall become the property of the Town of Addison.



Request for Proposal

Security Camera System

5.9. DISQUALIFICATION OR REJECTION OF PROPOSALS

Vendors may be disqualified for any of the following reasons:

1. There is reason to believe that collusion exists among the Vendors;
2. The Vendor is in arrears on an existing contract or has defaulted on a previous contract with the Town;
3. The Vendor lacks financial stability;
4. The Vendor has failed to perform under previous or present contracts with the Town;
5. The Vendor has failed to use the Town's required forms;
6. The Vendor has failed to adhere to one or more of the provisions established in this RFP;
7. The Vendor has failed to submit "Itemized Cost Sheet/s" for all the items including but not limited to, hardware, software, services, annual support/on-going maintenance, etc., stated in this RFP.
8. The Vendor has failed to submit its Proposal in the format specified herein;
9. The Vendor has failed to submit its Proposal on or before the deadline established herein;
10. The Vendor has failed to adhere to generally accepted ethical and professional principles during the Proposal process;

Proposals may be rejected if they show any alteration of words or figures, additions not called for, conditional or uncalled-for alternate proposals, incomplete proposals, erasures, or irregularities of any kind, or contain any unbalanced values.

5.10. RIGHT TO WAIVE IRREGULARITIES

Proposals shall be considered as being "irregular" if they show any omissions, alterations of form, additions, or conditions not called for, unauthorized alternate proposals, or irregularities of any kind.

The Town reserves the right to waive minor irregularities and mandatory requirements provided that all responsive proposals failed to meet the same mandatory requirements and the failure to do so does not otherwise materially affect the procurement. This right is at the sole discretion of the Town of Addison.

5.11. WITHDRAWAL OF PROPOSALS

Proposals may be withdrawn by written or email notice received by the Purchasing Office prior to the exact hour and date specified for receipt of bids. A bid may also be withdrawn in person by a bidder or his authorized representative, provided his identity is made known and he signs a receipt for the bid, but only if the withdrawal is made prior to the exact hour and date set for the receipt of bids.



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5.12. AMENDING OF PROPOSALS

The Vendor must submit an amended proposal before the deadline for receipt of proposals. Such amended proposals must complete the design of a previously submitted proposal and must be clearly identified as such in the transmittal letter. The Town will not merge, collate, or assemble proposal materials.

5.13. PROPOSAL OFFER FIRM

Responses to this RFP, including cost, will be considered firm for one hundred and eighty (180) days after the due date for receipt of proposals or receipt of the last best and final offer submitted. All Proposals must include a statement to that effect.

5.14. EXCEPTIONS TO RFP SPECIFICATIONS

Although the specifications stated in the RFP represent the Town's anticipated needs, there may be instances in which it is in the Town's interest to permit exceptions to specifications and accept alternatives.

It is extremely important that the Vendor make very clear where exceptions are taken to the specifications and how the Vendor will provide alternatives. Therefore, exceptions, conditions, or qualifications to the provisions of the Town's specifications must be clearly identified as such together with reasons for taking exception and inserted into the Proposal. If the Vendor does not make clear that an exception is being taken, the Town will assume the Proposal is responding to and will meet the specification as written. The Vendor should factor in the cost of repair during the installation process, include but not limited to ceiling, paint, and other structure repairs.

Where the Vendor does not agree with the Town's terms and conditions, we require the proposal to enumerate the specific clauses, which the Vendor wishes to amend or delete and suggest alternative wording. Any minimum terms to which the Town will have to agree to in order to enter a contract with the Vendor and which the Vendor considers being a "deal-breaker". **MUST BE SUBMITTED WITH THE PROPOSAL.**

5.15. CONSIDERATION OF PROPOSALS

Discussions may be conducted with responsible Vendors capable of being selected for the award for the purpose of clarification to assure full understanding of, and responsiveness to, the solicitation requirements. In conducting discussions, there shall be no disclosure of any information derived from proposals submitted by competing Vendors.

Until award of the contract is made by the Town, the right will be reserved to reject any or all proposals and waive technicalities, to re-advertise for new proposals, or to proceed with the work in any manner as may be considered in the best interest of the Town.



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During the review process, the Town may require an onsite visit at the Vendor's headquarters.

5.16. TERMINATION

The Town reserves the right, by and through its City Manager and in the City Manager's sole and unqualified discretion, to cancel this RFP at any time and for any reason. The Town reserves the right to reject any or all proposals submitted in response to this RFP. In addition, the Town reserves the right, in its sole and unqualified discretion, to accept, in whole or in part, a vendor's proposal submitted in response to this RFP.

5.17. GOVERNING LAW

The Contract will be governed by the laws of the State of Texas. All duties of both parties shall be performed in Dallas County, Texas. The applicable law for any legal dispute arising out of the Contract shall be the law of the State of Texas.

5.18. NO OBLIGATION

This procurement in no manner obligates the Town or any of its agencies to the eventual rental, lease, or purchase of any software, hardware, or services offered until confirmed by an executed written contract.

5.19. AWARD OF CONTRACT

The Town reserves the right to withhold final action on Proposals for a reasonable time, not to exceed one hundred eighty (180) days after the date of opening proposals, and in no event will an award be made until further investigations have been made as to the responsibility of the proposed Vendor.

The award of the contract, if an award is made, will be to the most responsible and responsive Vendor whose Proposal meets the requirements and criteria set forth in the Request for Proposal and whose Proposal is determined to be the most advantageous to the Town considering the requirements and criteria set forth herein. The Town reserves the right, in its sole discretion, to abandon, without obligation to the Vendor, any part of the project or the entire project, at any time before the Vendor begins any work authorized by the issuance of a Notice to Proceed by the Town.

The award of the contract shall not become effective until the contract has been executed by the Vendor and the Town.

5.20. EXECUTION OF CONTRACT

The Town Council shall authorize the award of a contract to the successful Vendor and shall designate the successful Vendor as the Town's Vendor. The Town will require the Vendor to sign the necessary documents for the required Contract with the



Request for Proposal
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Town and to provide the necessary evidence of insurance as required under the contract documents.

No contract for this project may be signed by the Town without the authorization of the Addison Town Council. No Contract shall be binding on the Town until it has been approved as to form by the Town’s Attorney and executed by the Town’s City Manager.

5.21. PROPOSAL EVALUATION PROCESS

The contract may be awarded to the Vendor whose proposal is determined to be the most advantageous to the Town. In rendering this decision, the following evaluation criteria may be utilized.

Item	Evaluation Category	Award
1	Qualifications, Experience, and References	30%
2	Project Design and Methodology	30%
3	Rates and Expenses	40%
	Total Award	100%

Qualifications, Experience, and References

1. The Town requires the Vendor to provide a brief introduction of the Vendor’s business, the number of years in business, experience level, resource availability, technical platforms, project approach, staffing levels, and support levels, and office locations. The Vendor is expected to provide an organizational chart indicating the positions and names of the core team who will undertake this project. The Vendor should also provide any experience with similar projects.
2. The Vendor must provide a list of references.

Project Design and Methodology

1. The proposal must include a description of the Vendor’s plan for accomplishing the work and services to be provided to the Town.
2. The proposal must indicate a clear understanding of the Statement of Work (SOW), including a detailed project plan, outlining major milestones and responsibilities, time frames, and staff assigned for each category of the Statement of Work.



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3. The proposal shall identify progress reports that will be made available during the process and key decision points.
4. The proposal shall clearly distinguish the Vendor's duties and responsibilities and those of the Town. The absence of this distinction shall mean the Vendor is assuming full responsibility for all tasks.
5. The Town will consider the Vendor's responsiveness, including but not limited to, the Vendor's proposal completeness, level of detail, and conformance to the Town's instructions.

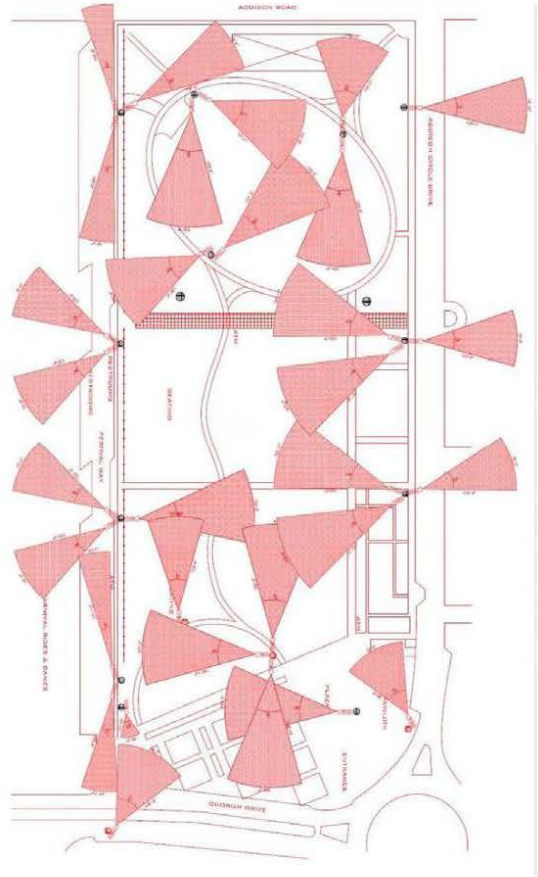
Rates and Expenses

1. The Vendor's cost proposal will be evaluated based on completeness, accuracy, and level of cost detail provided.
2. The Vendor is required to complete and return an Itemized Cost, in Excel Spread Sheet Format, with sub-total and Grand-total figures as part of their proposal.



Request for Proposal Security Camera System

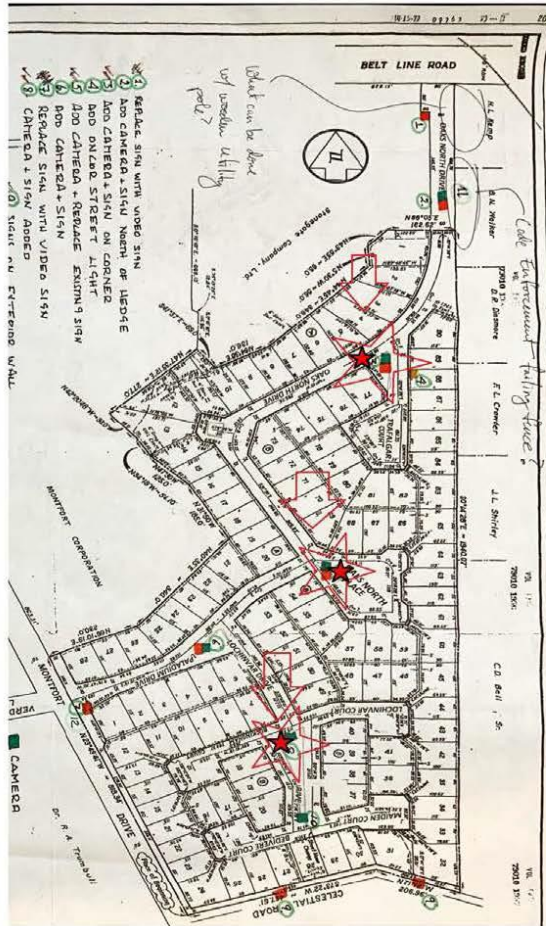
APPENDIX A – EXISTING ADDISON CIRCLE PARK





Request for Proposal Security Camera System

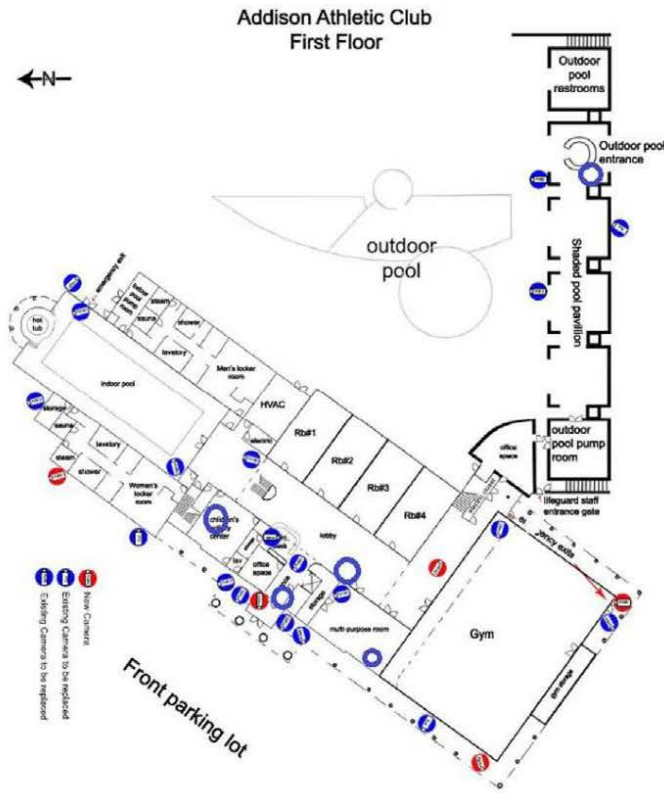
APPENDIX B—PROPOSED OAKS NORTH NEIGHBORHOOD CAMERA PLACEMENT





Request for Proposal Security Camera System

APPENDIX C – EXISTING ADDISON ATHLETIC CLUB – FIRST FLOOR

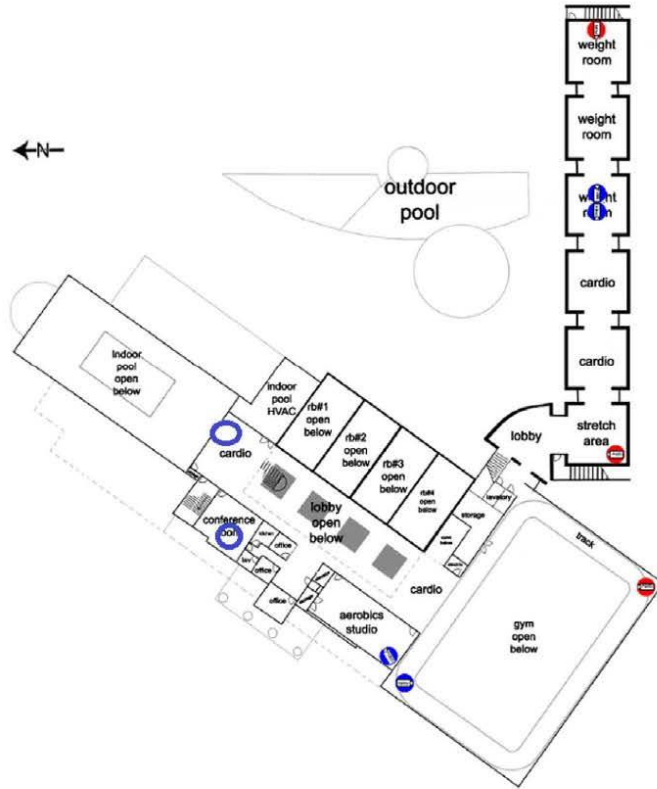




Request for Proposal Security Camera System

APPENDIX D—EXISTING ADDISON ATHLETIC CLUB—SECOND FLOOR

Addison Athletic Club
Second Floor





Request for Proposal

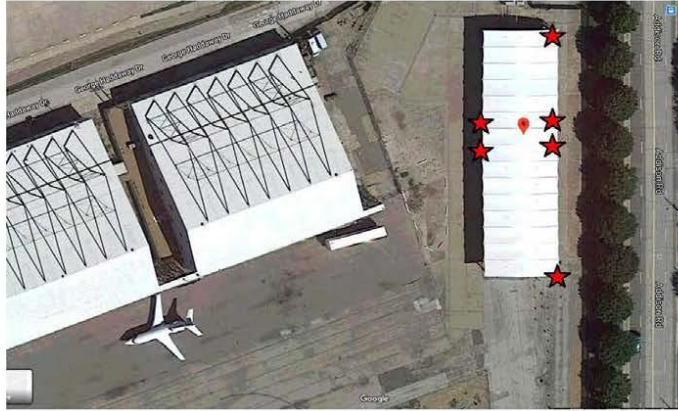
Security Camera System

APPENDIX E – EXISTING ADDISON AIRPORT





Request for Proposal Security Camera System



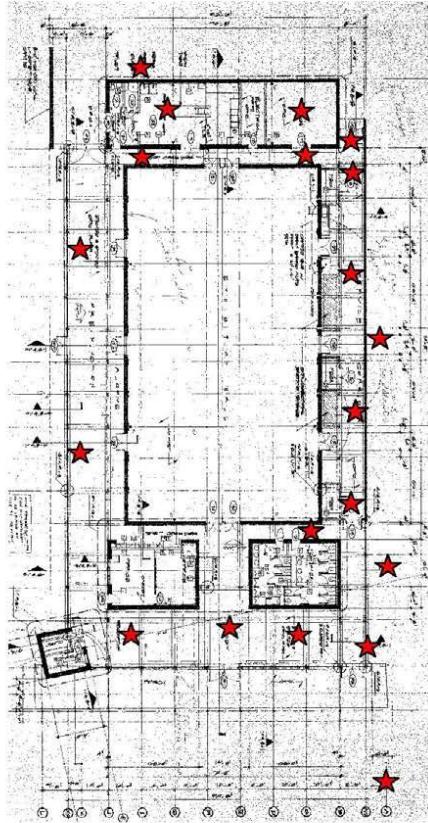


Request for Proposal Security Camera System

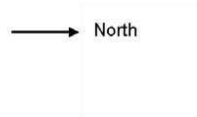
APPENDIX F—ADDISON CONFERENCE CENTRE

★ 4 cameras in South West Parking

★ 4 cameras in North West Parking



★ 4 cameras in North Parking



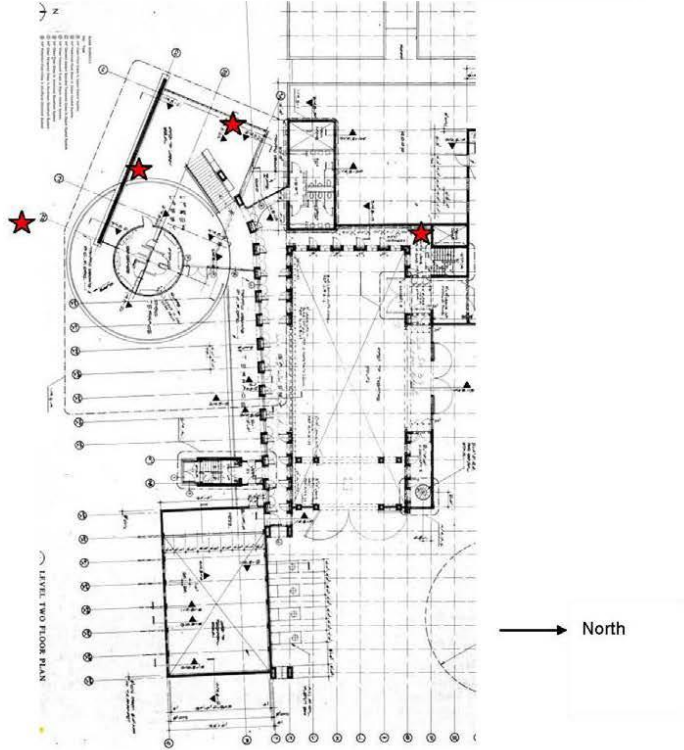
★ Same Coverage



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APPENDIX G - EXISTING ADDISON THEATER CENTER



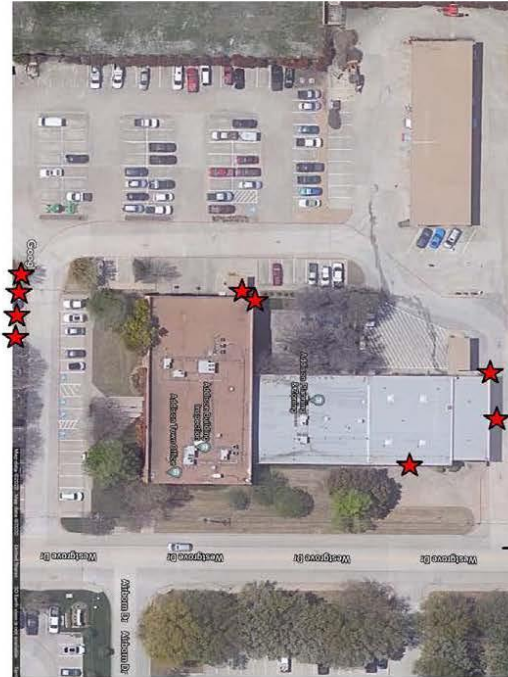
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Request for Proposal

Security Camera System

APPENDIX H – EXISTING ADDISON SERVICE CENTER

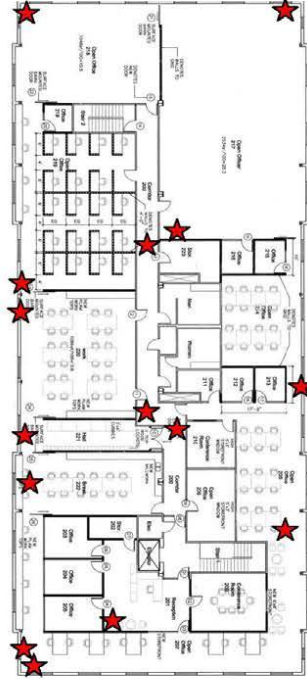




Request for Proposal

Security Camera System

APPENDIX I – EXISTING ADDISON TREEHOUSE



**TOWN OF ADDISON, TEXAS
CONTRACTOR INSURANCE REQUIREMENTS & AGREEMENT**

REQUIREMENTS

Contractors performing work on TOWN OF ADDISON property or public right-of-way shall provide the TOWN OF ADDISON a certificate of insurance or a copy of their insurance policy(s) (and including a copy of the endorsements necessary to meet the requirements and instructions contained herein) evidencing the coverages and coverage provisions identified herein within ten (10) days of request from TOWN OF ADDISON. Contractors shall provide TOWN OF ADDISON evidence that all subcontractors performing work on the project have the same types and amounts of coverages as required herein or that the subcontractors are included under the contractor's policy. Work shall not commence until insurance has been approved by TOWN OF ADDISON.

All insurance companies and coverages must be authorized by the Texas Department of Insurance to transact business in the State of Texas and must have a A.M. Best's rating A-:VII or greater.

Listed below are the types and minimum amounts of insurances required and which must be maintained during the term of the contract. TOWN OF ADDISON reserves the right to amend or require additional types and amounts of coverages or provisions depending on the nature of the work.

TYPE OF INSURANCE	AMOUNT OF INSURANCE	PROVISIONS
1. Workers' Compensation Employers' Liability to include: (a) each accident (b) Disease Policy Limits (c) Disease each employee	Statutory Limits per occurrence Each accident \$1,000,000 Disease Policy Limits \$1,000,000 Disease each employee \$1,000,000	TOWN OF ADDISON to be provided a WAIVER OF SUBROGATION AND 30 DAY NOTICE OF CANCELLATION or material change in coverage. Insurance company must be A-:VII rated or above.
2. Commercial General (Public) Liability to include coverage for: a) Bodily Injury b) Property damage c) Independent Contractors d) Personal Injury e) Contractual Liability	Bodily Injury/Property Damage per occurrence \$1,000,000, General Aggregate \$2,000,000 Products/Completed Aggregate \$2,000,000, Personal Advertising Injury per occurrence \$1,000,000, Medical Expense 5,000	TOWN OF ADDISON to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION or material change in coverage. Insurance company must be A-:VII rated or above.
3. Business Auto Liability to include coverage for: a) Owned/Leased vehicles b) Non-owned vehicles c) Hired vehicles	Combined Single Limit \$1,000,000	TOWN OF ADDISON to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION or material change in coverage. Insurance company must be A-:VII rated or above.

Certificate of Liability Insurance forms (together with the endorsements necessary to meet the requirements and instructions contained herein) may be **faxed** to the Purchasing Department: 972-450-7074 or emailed to: purchasing@addisontx.gov. Questions regarding required insurance should be directed to the Purchasing Manager.

With respect to the foregoing insurance,

- All liability policies shall contain no cross liability exclusions or insured versus insured restrictions applicable to the claims of the Town of Addison.

- 2. All insurance policies shall be endorsed to require the insurer to immediately notify the Town of Addison, Texas of any material change in the insurance coverage.
- 3. All insurance policies shall be endorsed to the effect that the Town of Addison, Texas will receive at least thirty (30) days' notice prior to cancellation or non-renewal of the insurance.
- 4. All insurance policies, which name the Town of Addison, Texas as an additional insured, must be endorsed to read as primary coverage regardless of the application of other insurance.
- 5. Insurance must be purchased from insurers that are financially acceptable to the Town of Addison and licensed to do business in the State of Texas.

All insurance must be written on forms filed with and approved by the Texas Department of Insurance. Upon request, Contractor shall furnish the Town of Addison with complete copies of all insurance policies certified to be true and correct by the insurance carrier.

This form must be signed and returned with your quotation. You are stating that you do have the required insurance and if selected to perform work for TOWN OF ADDISON, will provide the certificates of insurance (and endorsements) with the above requirements to TOWN OF ADDISON within 10 working days.

A CONTRACT/PURCHASE ORDER WILL NOT BE ISSUED WITHOUT EVIDENCE AND APPROVAL OF INSURANCE.

AGREEMENT

I agree to provide the above described insurance coverages within 10 working days if selected to perform work for TOWN OF ADDISON. I also agree to require any subcontractor(s) to maintain insurance coverage equal to that required by the Contractor. It is the responsibility of the Contractor to assure compliance with this provision. The TOWN accepts no responsibility arising from the conduct, or lack of conduct, of the Subcontractor.

Project/Bid# _____

Company: _____

—

Printed Name: _____

Signature: _____ Date: _____

Town of Addison

Indemnification Agreement

Contractor's Indemnity Obligation. Contractor covenants, agrees to, and shall DEFEND (with counsel reasonably acceptable to Owner), INDEMNIFY, AND HOLD HARMLESS Owner, its past, present and future elected and appointed officials, and its past, present and future officers, employees, representatives, and volunteers, individually or collectively, in both their official and private capacities (collectively, the "Owner Persons" and each being an "Owner Person"), from and against any and all claims, liabilities, judgments, lawsuits, demands, harm, losses, damages, proceedings, suits, actions, causes of action, liens, fees (including attorney's fees), fines, penalties, expenses, or costs, of any kind and nature whatsoever, made upon or incurred by Owner and/or Owner Person, whether directly or indirectly, (the "Claims"), that arise out of, result from, or relate to: (i) the services to be provided by Contractor pursuant to this Agreement, (ii) any representations and/or warranties by Contractor under this Agreement, (iii) any personal injuries (including but not limited to death) to any Contractor Persons (as hereinafter defined) and any third persons or parties, and/or (iv) any act or omission under, in performance of, or in connection with this Agreement by Contractor or by any of its owners, directors, officers, managers, partners, employees, agents, contractors, subcontractors, invitees, patrons, guests, customers, licensees, sublicensees, or any other person or entity for whom Contractor is legally responsible, and their respective owners, directors, officers, directors, officers, managers, partners, employees, agents, contractors, subcontractors, invitees, patrons, guests, customers, licensees, sublicensees (collectively, "Contractor Persons"). **SUCH DEFENSE, INDEMNITY AND HOLD HARMLESS SHALL AND DOES INCLUDE CLAIMS ALLEGED OR FOUND TO HAVE BEEN CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE OR GROSS NEGLIGENCE OF OWNER OR ANY OTHER OWNER PERSON, OR CONDUCT BY OWNER OR ANY OTHER OWNER PERSON THAT WOULD GIVE RISE TO STRICT LIABILITY OF ANY KIND.**

Contractor shall promptly advise Owner in writing of any claim or demand against any Owner Person related to or arising out of Contractor's activities under this Agreement and shall see to the investigation and defense of such claim or demand at Contractor's sole cost and expense. The Owner Persons shall have the right, at the Owner Persons' option and own expense, to participate in such defense without relieving Contractor of any of its obligations hereunder. This defense, indemnity, and hold harmless provision shall survive the termination or expiration of this Agreement.

The provisions in the foregoing defense, indemnity and hold harmless are severable, and if any portion, sentence, phrase, clause or word included therein shall for any reason be held by a court of competent jurisdiction to be invalid, illegal, void, or unenforceable in any respect, such invalidity, illegality, voidness, or unenforceability shall not affect any other provision thereof, and this defense, indemnity and hold harmless provision shall be considered as if such invalid, illegal, void, or unenforceable provision had never been contained in this Agreement. **In that regard, if the capitalized language included in the foregoing indemnity is so determined to be void or unenforceable, the parties agree that:**

(i) the foregoing defense, indemnity, and hold harmless obligation of Contractor shall be to the extent Claims are caused by, arise out of, or result from, in whole or in part, any act or omission of Contractor or any Contractor Persons; and

(ii) notwithstanding the provisions of the foregoing subparagraph (i), to the fullest extent permitted by law, Contractor shall INDEMNIFY, HOLD HARMLESS, and DEFEND Owner and Owner Persons from and against all Claims arising out of or resulting from bodily injury to, or sickness, disease or death of, any employee, agent or representative of Contractor or any of its subcontractors, regardless of whether such Claims are caused, or are alleged to be caused, in whole or in part, by the negligence, or any act or omission, of Owner or any Owner Persons, it being the expressed intent of Owner and Contractor that IN SUCH EVENT THE CONTRACTOR'S INDEMNITY, HOLD HARMLESS, AND DEFENSE OBLIGATION SHALL AND DOES INCLUDE CLAIMS ALLEGED OR FOUND TO HAVE BEEN CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE OR GROSS NEGLIGENCE OF OWNER OR ANY OTHER OWNER PERSON, OR CONDUCT BY OWNER OR ANY OTHER OWNER PERSON THAT WOULD GIVE RISE TO STRICT LIABILITY OF ANY KIND. The indemnity obligation under this subparagraph (ii) shall not be limited by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor under workers compensation acts, disability benefit acts, or other employee benefit acts.

I understand that the indemnification provisions are required of all Town of Addison Contracts. I have read the provisions and agree to the terms of these provisions.

Project/Bid#:

Company Name:

Signature:

Date:



Interested Parties

In 2015, the Texas Legislature adopted [House Bill 1295](#), which added section 2252.908 of the Government Code. The law states that a governmental entity or state agency may not enter into certain contracts with a business entity unless the business entity submits a disclosure of interested parties to the governmental entity or state agency at the time the business entity submits the signed contract to the governmental entity or state agency. The law applies only to a contract of a governmental entity or state agency that either (1) requires an action or vote by the governing body of the entity or agency before the contract may be signed or (2) has a value of at least \$1 million. The disclosure requirement applies to a contract entered into on or after January 1, 2016.

The Texas Ethics Commission was required to adopt rules necessary to implement that law, prescribe the disclosure of interested parties form, and post a copy of the form on the commission's website. The commission adopted the Certificate of Interested Parties form (Form 1295) on October 5, 2015. The commission also adopted new rules (Chapter 46) on November 30, 2015, to implement the law.

Filing Process

On January 1, 2016, the commission made available on its website a new filing application that must be used to file Form 1295. A business entity must use the application to enter the required information on Form 1295 and print a copy of the completed form, which will include a certification of filing that will contain a unique certification number. An authorized agent of the business entity must sign the printed copy of the form and have the form notarized. The completed Form 1295 with the certification of filing must be filed with the governmental body or state agency with which the business entity is entering into the contract.

The governmental entity or state agency must notify the commission, using the commission's filing application, of the receipt of the filed Form 1295 with the certification of filing not later than the 30th day after the date the contract binds all parties to the contract. The commission will post the completed Form 1295 to its website within seven business days after receiving notice from the governmental entity or state agency.

Information regarding how to use the filing application will be available on this site by January 1, 2016. https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm, please follow Instructional Video for Business Entities.

BID BOND

Bidder shall submit a bid bond equal to five percent (5%) of the bid price. Failure to submit a bid bond when required may deem the bid non-responsive. Bid Bonds may be submitted electronically with the executed original provided immediately upon request.

10/16/2020 10:35 AM

p. 37

PERFORMANCE BOND

STATE OF TEXAS }

COUNTY OF DALLAS }

WHEREAS, _____ as principal ("Contractor") and _____, a corporation organized under the laws of _____ and being duly authorized to do business in the State of Texas, as surety ("Surety") (whether one or more), do hereby expressly acknowledge themselves to be held and bound to pay to the Town of Addison, Texas, a home-rule municipality organized and operating under the Constitution and laws of the State of Texas (the "Town"), its successors and assigns, and to all persons, firms, subcontractors and corporations who may furnish materials or labor under the contract as more fully described below, the sum of _____ Dollars in the lawful currency of the United States of America (\$) for the payment of which Contractor and Surety are liable to the Town, jointly and severally; and

WHEREAS, Contractor has this day entered into a written contract with the Town to build and construct _____

which contract and the plans and specifications therein mentioned (collectively referred to hereinafter as the "Contract") are hereby expressly incorporated into and made a part hereof as though set forth at length, and

WHEREAS, this bond is given pursuant to Chapter 2253 of the Texas Government Code;

NOW, THEREFORE, if Contractor shall well, truly and faithfully perform all of the undertakings, duties, terms, conditions and agreements of the Contract; shall satisfy all claims and demands incurred under the Contract; shall fully indemnify and hold the Town harmless; shall reimburse and repay the Town for any outlay or expense which the Town may incur in making good any default, and shall promptly make payment to all persons, firms, subcontractors and corporations who may furnish materials or labor under the Contract, then this obligation shall be void, otherwise to remain in full force and effect. The obligations of Contractor and Surety under this bond apply both to the original Contract and to any extension or modification of the Contract and Surety agrees that no change, extension of time, addition, expansion or other modification of the Contract, the work to be done under the Contract, or the plans and specifications which are a part of the Contract shall in any manner affect the obligations of Surety under this bond, and Surety waives notice of any such change, extension of time, addition, expansion or other modification. The obligations of Contractor and Surety under this bond are performable and payable in Dallas County, Texas such that exclusive venue for any legal action pertaining to this bond shall lie in Dallas County, Texas. By their signatures below, the persons signing this bond warrant and represent that they are, respectively, duly authorized to sign on behalf of Contractor and Surety.

EXECUTED this the _____ day of _____, 20____.

CONTRACTOR:

SURETY:1

By: _____

By: _____

Title: _____ Title: _____

ACKNOWLEDGMENTS

[Contractor]

STATE OF TEXAS }

COUNTY OF DALLAS }

Before me _____ (insert the name of the officer) on this day _____ personally appeared _____ known to me (or proved to me on the oath of _____) or through _____ (description of identity card or other document) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office this _____ day of _____, 2_____.

Notary Public in and for the State of Texas
My Commission Expires: _____

Typed or Printed Name of Notary

[Surety]

STATE OF TEXAS }

COUNTY OF DALLAS }

This instrument was acknowledged before me on the ____ day of _____, 2_____ by _____ who is the _____ of the Surety, on behalf of Surety.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the ____ day of _____, 2____.

Notary Public in and for the State of Texas

Typed or Printed Name of Notary

My Commission Expires: _____

1 Please see attached contact sheet for Surety and the Texas Department of Insurance.

Payment and Performance Bond Contact Sheet

(1) Claims:

All notices of claims shall be sent to the surety at the following address:

(Name of surety)

(Mailing address)

(Physical address)

(Phone number)

(2) Texas Department of Insurance Contact Number:

The address and contact information of the surety may otherwise be obtained by contacting the Texas Department of Insurance at the following toll free telephone number:

1-800-252-3439.

MAINTENANCE BOND

STATE OF TEXAS }

COUNTY OF DALLAS }

WHEREAS, _____, as principal ("Contractor") and _____, a corporation organized under the laws of _____ and being duly authorized to do business in the State of Texas, as surety ("Surety") (whether one or more), do hereby expressly acknowledge themselves to be held and bound to pay to the Town of Addison, Texas, a home-rule municipality organized and operating under the Constitution and laws of the State of Texas (the "Town"), its successors and assigns the sum of _____ Dollars in the lawful currency of the United States of America (\$ _____) for the payment of which Contractor and Surety are liable to the Town, jointly and severally; and

WHEREAS, Contractor has this day entered into a written contract with the Town to build and construct _____

which contract and the plans and specifications therein mentioned (collectively referred to hereinafter as the "Contract") are hereby expressly incorporated into and made a part hereof as though set forth at length; and

WHEREAS, under the Contract it is provided that the Contractor will maintain and keep in good repair all work to be performed and done under the Contract for a period of one (1) year from the date of acceptance of the completed work by the Town, and to do and perform all necessary work and repair any defective condition, it being understood that the purpose of this maintenance bond is to insure all warranties, express or implied, made or given by the Contractor to the Town and to cover all defective, inadequate or non-conforming conditions arising by reason of any materials or labor installed, provided, constructed or performed by the Contractor and in case the Contractor shall fail to correct any such conditions it is agreed that the Town may make such corrections and charge the cost of making those corrections against the Contractor and the Surety on this obligation, and the Contractor and Surety shall be subject to the liquidated damages provided in the contract, the plans and the specifications for each day's failure on its part to comply with the terms and provisions of the Contract;

NOW, THEREFORE, if the Contractor shall keep and perform its obligation to maintain the work and keep the work in repair for the full maintenance period of one (1) year as herein provided, then these presents shall be null and void and have no further effect, but if default shall be made by Contractor in the performance of its obligations, then these presents shall have full force and effect, and the Town shall have and recover from the Contractor and its Surety damages in the premises as provided and it is further understood and agreed that this obligation shall be a continuing one against the Contractor and the Surety and that successive recoveries may be had hereon for successive breaches until the full amount of this bond shall have been exhausted; and it is further understood that the obligation under this bond to maintain the work shall continue throughout the maintenance period and shall not be changed, diminished, or in any other manner affected during the term of this bond. The obligations of Contractor and Surety under this bond apply both to the original Contract and to any extension or modification of the Contract and Surety agrees that no change, extension of time, addition, expansion or other modification of the Contract, the work to be done under the Contract, or the plans and specifications which are a part of the Contract shall in any manner affect the obligations of Surety under this bond, and Surety waives notice of any such change, extension of time, addition, expansion or other modification. The obligations of Contractor and Surety under this bond are performable and payable in Dallas County, Texas such that exclusive venue for any legal action pertaining to this bond shall lie in Dallas County, Texas. By their signatures below, the persons signing this bond warrant and represent that they are, respectively, duly authorized to sign on behalf of Contractor and Surety.

EXECUTED this the _____ day of _____, 2_____.

CONTRACTOR:

SURETY:

By: _____

By: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

Address of Principal:

Address of Surety:

ACKNOWLEDGMENTS

[Contractor]

STATE OF TEXAS }

COUNTY OF DALLAS }

Before me _____ (insert the name of the officer) on this day _____ personally appeared _____ known to me (or proved to me on the oath of _____) or through _____ (description of identity card or other document) to be the person whose name is subscribed to the forgoing instrument and acknowledged to me that he/she executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office this _____ day of _____, 2_____.

Notary Public in and for the State of Texas

Typed or Printed Name of Notary

My Commission Expires: _____

[Surety]

STATE OF TEXAS }

COUNTY OF DALLAS }

This instrument was acknowledged before me on the _____ day of _____, 2____ by _____ who is the _____ of the Surety, on behalf of Surety.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the _____ day of _____, 2____.

Notary Public in and for the State of Texas

Typed or Printed Name of Notary

My Commission Expires: _____

2-4-13 1 yr

Town of Addison

REQUEST FOR PROPOSAL TERMS AND CONDITIONS

1. **APPLICABILITY:** These standard Terms and Conditions and the Terms and Conditions, Specifications, Drawings and other requirements included in the Town of Addison's Request for Proposal (collectively, "Terms and Conditions") are applicable to Contracts/Purchase Orders issued by the Town of Addison (hereinafter referred to as the "Town" or "Buyer") and the Seller (herein after referred to as the "Seller," "Proposer," "Contractor," or "Supplier"). Any deviations must be in writing and signed by a representative of the Town's Purchasing Department and the Supplier. No Terms and Conditions contained in the Seller's Proposal, Invoice or Statement shall serve to modify the terms set forth herein. If there is a conflict between the Terms and Conditions and the provisions on the face of the Contract/Purchase Order, the Terms and Conditions will take precedence and control.
2. **OFFICIAL PROPOSAL NOTIFICATION:** The Town utilizes the following for official notifications of proposal opportunities: www.bidsync.com and the Dallas Morning News of Dallas County. These are the only forms of notification authorized by the Town. The Town is not responsible for receipt of notifications or information from any source other than those listed. It shall be the Supplier's responsibility to verify the validity of all Request for Proposal information received from any source other than the Town. There will be NO COST to the Seller for using BidSync for its Bids/Proposals.
3. **PRIOR OR PENDING LITIGATION OR LAW SUITS:** Each Proposer must include in its proposal a complete disclosure of any alleged significant prior or ongoing contract failures, any civil or criminal litigation or investigation pending which involves the Proposer or in which the Proposer has been judged guilty or liable.
4. **COST OF RESPONSE:** Any cost incurred by the Supplier in responding to the Request for Proposal is the responsibility of the supplier and cannot be charged to the Town.
5. **PROHIBITION AGAINST PERSONAL INTEREST IN CONTRACTS:** No Town of Addison employee shall have a direct or indirect financial interest in any contract with the Town, or be directly or indirectly financially interested in the sale of land, materials, supplies or services to the Town.
6. **COMPETITIVE PRICING:** It is the intent of the Town to consider Interlocal Cooperative Agreements and State/Federal contracts in determining the best value for the Town.
7. **INTERLOCAL AGREEMENT:** The successful Proposer agrees to extend prices to all entities that have entered into or will enter into joint purchasing interlocal cooperation agreements with the Town. The Town is a participating member of several interlocal cooperative purchasing agreements. As such, the Town has executed interlocal agreements, as permitted under Chapter 791 of the Texas Government Code, with certain other political subdivisions, authorizing participation in a cooperative purchasing program. The successful Supplier may be asked to provide products/services based upon terms and conditions of award, to any other participant in a cooperative purchasing program.
8. **CORRESPONDENCE:** The proposal number must appear on all correspondence and inquiries pertaining to the Request for Proposal. The Purchase Order number must appear on all invoices or other correspondence relating to the contract.
9. **INDEMNITY/INSURANCE:** See attached Town of Addison minimum requirements.
10. **ERROR-QUANTITY:** Proposals must be submitted in units of quantity specified, extended, and totaled. In the event of discrepancies in extension, the unit prices shall govern.
11. **ACCEPTANCE:** The right is reserved to accept or reject all or part of the proposal or offer, and to accept the proposal or offer considered most advantageous to the Town by line item or total offer or proposal.
12. **PROPOSAL LIST REMOVAL:** The Town reserves the right to remove a Supplier from any Proposal list for: (1) continued failure to be responsive to the Town, (2) failure to deliver merchandise within promised time, (3) delivery of substandard merchandise, or (4) failure to comply with the Contract/Purchase Order requirements.
13. **CONTRACT RENEWAL OPTIONS:** In the event a clause for option to renew for an additional period is included in the Request for Proposal, all renewals will be based solely upon the option and agreement between the Town and the Supplier. Either party dissenting will terminate the contract in accordance with its initial specified term.
14. **TAXES-EXEMPTION:** All quotations are required to be submitted LESS Federal Excise and State Sales Taxes. Tax Exemption Certificate will be executed for the successful Supplier.
15. **ASSIGNMENT AND SUCCESSORS:** The successful Supplier shall not assign, transfer, pledge, subcontract, or otherwise convey, in any manner whatsoever, any contract resulting from this proposal, in whole or in part, without the prior written consent of the Town of Addison.
16. **INVOICING:** Send ORIGINAL INVOICE to address indicated on the contract/purchase order. If invoice is subject to cash discounts the discount period will begin on the day invoices are received. So that proper cash discount may be computed, invoice should show amount of freight as a separate item, if applicable; otherwise, cash discount will be computed on total amount of invoice.

17. **ELECTRONIC SIGNATURE – UNIFORM ELECTRONIC TRANSACTION ACT:** The Town adopts Texas Business and Commerce Code Chapter 322, Uniform Electronic Transactions Act, allowing individuals, companies, and governmental entities to lawfully use and rely on electronic signatures.

18. **FUNDING OUT CLAUSE:** This agreement or contract may be terminated by the Town without notice and without penalty or liability in the event that (1) the Town lacks sufficient funds for this agreement or contract; (2) funds for this agreement or contract are not appropriated by the Town Council of the Town; and (3) funds for this agreement or contract that are or were to be provided by grant or through an outside service are withheld, denied or are otherwise not available to the Town.

19. **DISPUTE RESOLUTION:** Pursuant to subchapter I, Chapter 271, TEXAS LOCAL GOVERNMENT CODE, Contractor agrees that, prior to instituting any lawsuit or other proceeding arising from any dispute or claim of breach under this Agreement (a "Claim"), the parties will first attempt to resolve the Claim by taking the following steps: (i) A written notice substantially describing the factual and legal basis of the Claim shall be delivered by the Contractor to the Town within one-hundred eighty (180) days after the date of the event giving rise to the Claim, which notice shall request a written response to be delivered to the Contractor not less than fourteen (14) business days after receipt of the notice of Claim; (ii) If the response does not resolve the Claim, in the opinion of the Contractor, the Contractor shall give notice to that effect to the Town whereupon each party shall appoint a person having authority over the activities of the respective parties who shall promptly meet, in person, in an effort to resolve the Claim; (iii) If those persons cannot or do not resolve the Claim, then the parties shall each appoint a person from the highest tier of managerial responsibility within each respective party, who shall then promptly meet, in person, in an effort to resolve the Claim.

20. **DISCLOSURE OF CERTAIN RELATIONSHIPS:** Chapter 176 of the Texas Local Government Code requires that any person, as defined in the statute, considering doing business with a local government entity disclose in the Questionnaire Form CIQ, the supplier or person's affiliation or business relationship that might cause a conflict of interest with a local government entity. By law, this questionnaire must be filed with the Records Administrator of the Town not later than the 7th business day after the later of (a) the date the person (i) begins discussions or negotiations to enter into a contract with the local governmental entity, or (b) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity, or (b) the date the person becomes aware (i) of an employment or other business relationship with a local government officer, or a family member of the officer, described by the statute, or (ii) that the person has given one or more gifts described in the statute. See Section 176.006, Local Government Code. A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor. The questionnaire may be found at www.ethics.state.tx.us/forms/CIQ.pdf. By submitting a response to this request, Supplier represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code.

21. **PATENTS:** Seller agrees to indemnify and hold harmless the Buyer against all costs and expenses, including but not limited to attorneys fees, and undertakes and agrees to defend at seller's own expense, all suits, actions or proceedings in which Buyer or the users of Buyer's products are claimed to have conducted in, or are made defendants of, actual or alleged infringement of any U.S. or foreign patent or other intellectual property right resulting from the use or sale of the items purchased hereunder and further agrees to pay and discharge any and all judgments or decrees which may be rendered in any such suit, action or proceeding.

22. **APPLICABLE LAW:** This agreement shall be governed by the laws of the State of Texas, including but not limited to the Uniform Commercial Code as adopted by the State of Texas, as effective and in force on the date of this agreement, without regard to its conflict of laws rules or the conflict of law rules of any other jurisdiction.

23. **VENUE:** This agreement is performable in Dallas County, Texas, and venue for any suit, action, or legal proceeding under or in connection with this agreement shall lie exclusively in Dallas County, Texas. Proposer submits to the exclusive jurisdiction of the courts in Dallas County, Texas for purposes of any such suit, action, or proceeding hereunder, and waives any claim that any such suit, action, or legal proceeding has been brought in an inconvenient forum or that the venue of that proceeding is improper.

24. **TERMINATION FOR CAUSE OR CONVENIENCE:** The Town at any time after issuance of this agreement, by 30 days written notice to the Supplier, has the absolute right to terminate this agreement for cause or for convenience (that is, for any reason or no reason whatsoever). "Cause" shall be the Supplier's refusal or failure to satisfactorily perform or complete the work within the time specified, or failure to meet the specifications, quantities, quality and/or other requirements specified in the Contract/Purchase Order. In such case the Supplier shall be liable for any damages suffered by the Town. If the agreement is terminated for convenience, the Supplier has no further obligation under the agreement. Payment shall be made to cover the cost of material and work in process or "consigned" to the Town as of the effective date of the termination.

25. **FORCE MAJEURE:** To the extent either the Town or Proposer shall be wholly or partially prevented from the performance of this agreement or of any obligation or duty under this agreement placed on such party, by reason of or through work strikes, stoppage of labor, riot, fire, flood, acts of war, insurrection, court judgment, act of God, or other specific cause reasonably beyond the party's control and not attributable to its malfeasance, neglect or nonfeasance, then in such event, such party shall give notice of the same to the other party (specifying the reason for the prevention) and the time for performance of such obligation or duty shall be suspended until such disability to perform is removed.

26. **BAFO:** During evaluation process Town reserves the right to request a best and final offer upon completion of negotiations.

27. **PROTECTION OF TRADE SECRETS OR PROPRIETARY INFORMATION:** Proposals will be received and publicly acknowledged at the location, date, and time stated. Sellers, their representatives and interested persons may be present. The

proposals shall be received and acknowledged only so as to avoid disclosure of the contents to competing sellers and kept secret during negotiation. However, all proposals shall be open for public inspection after the contract is awarded. Trade secrets and confidential information contained in the proposal and identified by Seller in writing as such will be treated as confidential by the Town to the extent allowable in the Texas Public Information Act and other law.

28. SILENCE OF SPECIFICATIONS: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

29. PROPOSAL RESPONSE CONTRACTUAL OBLIGATION: This proposal, submitted documents, and any negotiations, when properly accepted by the Town, shall constitute a contract equally binding between the successful Proposer and the Town. No different or additional terms will become part of this contract except as properly executed in an addendum or change order.

30. NO BOYCOTTING ISRAEL. The entity contract with the Town of Addison does not boycott Israel and will not boycott Israel during the term of the contract. Reference HB 89 as it relates to Chapter 2270 of the Texas Government Code. Boycott Israel means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

Information and Instruction Form

RESPONSES THAT DO NOT CONTAIN THIS COMPLETED FORM MAY NOT BE COMPLIANT

Section I Company Profile

Name of Business:

Business Address:

Contact Name:

Phone#:

Fax#:

Email:

Name(s) Title of Authorized Company Officers:

Federal ID #: W-9 Form: A W-9 form will be required from the successful bidder.

DUN #:

Remit Address: If different than your physical address:

Section II Instructions to Bidders

Electronic Bids: The Town of Addison uses BidSync to distribute and receive bids and proposals. There will be **NO COST** to the Contractor/Supplier for Standard bids or proposals. For **Cooperative Bids and Reverse Auctions ONLY**, the successful contractor/supplier agrees to pay BidSync a transaction fee of one percent (1%) of the total amount of all contracts for goods and/or services. **Cooperative Bids and Reverse Auctions** will be clearly marked on the bid documents. To assure that all contractors/suppliers are treated fairly, the fee will be payable whether the bid/proposal is submitted electronically, or by paper means. Refer to www.bidsync.com for further information.

Contractor/Supplier Responsibility: It is the contractor/suppliers responsibility to check for any addenda or questions and answers that might have been issued before bid closing date and time. Contractors/Suppliers will be

notified of any addenda and Q&A if they are on the invited list, they view the bid, or add themselves to the watch list.

Acknowledgement of Addenda: #1 #2 #3 #4 #5

Delivery of Bids: For delivery of paper bids our physical address is:

Town of Addison
5350 Beltline Road
Dallas, TX 75254
Attn: Purchasing Department

Contractor/Supplier Employees: No Contractor/Supplier employee shall have a direct or indirect financial interest in any contract with the town, or be directly or indirectly financially interested in the sale of land, materials, supplies or services to the town.

Deliveries: All deliveries will be F.O.B. Town of Addison. All Transportation Charges paid by the contractor/supplier to Destination.

Payment Terms: A Prompt Payment Discount of % is offered for Payment Made Within Days of Acceptance of Goods or Services. If Prompt Payments are not offered or accepted, payments shall be made 30 days after receipt and acceptance of goods or services or after the date of receipt of the invoice whichever is later.

Delivery Dates: Delivery Dates are to be specified in Calendar Days from the Date of Order.

Bid Prices: Pre-Award bid prices shall remain Firm and Irrevocable for a Period of _____ Days.

Exceptions: Contractor/Supplier does not take Exception to Bid Specifications or Other Requirements of this Solicitation. If neither exceptions box is checked, default shall be "No Exceptions"

Contractor/Supplier take the following Exception(s) to the Bid Specifications or Other Requirements of this Solicitation (Explain in Detail). If box checked but no exceptions are listed, default shall be "No Exceptions"

Historically Underutilized Business (HUB): It is the policy of the Town of Addison to involve HUBs in the procurement of goods, equipment, services and construction projects. Prime Contractors/Suppliers are encouraged to provide HUBs the opportunity to compete for sub-contracting and other procurement opportunities. A listing of HUBs in this area may be accessed at the following State of Texas Website. <http://www.window.state.tx.us/procurement/cmb/cmbhub.htm>.

HUB Owned Business Yes No Include a current copy of your HUB certification with your response or insert Certification number _____ and expire date _____.

Other Government Entities: Would bidder be willing to allow other local governmental entities to participate in this

contract, if awarded under the same Terms and Conditions? Yes No

Bid Bond: Is Bid Bond attached if applicable? Yes No

Termination: The town at any time after issuance of this agreement, by 30 days written notice, has the absolute right to terminate this agreement for cause or convenience. Cause shall be the contractor/supplier's refusal or failure to satisfactorily perform or complete the work within the time specified, or failure to meet the specifications, quantities, quality and/or other requirements specified in the contract/purchase order. In such case the supplier shall be liable for any damages suffered by the town. If the agreement is terminated for convenience, the supplier has no further obligation under the agreement. Payment shall be made to cover the cost of material and work in process or "consigned" to the town as of the effective date of the termination.

Bidder Compliance: Bidder agrees to comply with all conditions contained in this Information and Instruction Form and the additional terms and conditions and specifications included in this request. The undersigned hereby agrees to furnish and deliver the articles or services as specified at the prices and terms herein stated and in strict accordance with the specifications and conditions, all of which are made a part of your offer. Your offer is not subject to withdrawal after the award is made.

The Town of Addison reserves the right to reject all or part of the offer and to accept the offer considered most advantageous to the town by item or total bid.

The Town of Addison will award to the lowest responsible bidder or to the bidder who provides goods or services at the best value for the Town.

I hereby certify that all of the information provided in sections I and II are true and accurate to the best of my knowledge.

Signature: Date:

Title:

Signature certifies no changes have been made to the content of this solicitation as provided by the Town of Addison.

10/17/17

Question and Answers for Bid #21-05 - Security Camera System

Overall Bid Questions

There are no questions associated with this bid.

EXHIBIT B



**SECURITY
TECHNOLOGY
SOLUTIONS**



Statewide Historically Underutilized Business Program
HUB CERTIFIED
120254233560

RFP 21-05

SECURITY CAMERA SYSTEM

Proposal Submission to the Town of Addison

DUE: December 17, 2020 2PM CST

ATTN:



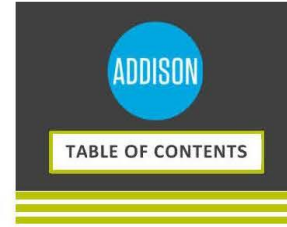
Office of the Purchasing Manager
Addison Finance Building
5350 Belt Line Road
Dallas, TX 75254
Phone: 972-450-7091

STS360
4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635
www.sts360.com
TxDPS: B13798

ELECTRONIC PROPOSAL



STS360
 4040 State Highway 121
 Suite 160
 Carrollton, TX 75010
 (972) 392-3635
 www.sts360.com
 TxDPS: B13798



ITEM	DESCRIPTION
A	LETTER OF TRANSMITTAL
B	FIRM PROFILE
C	EXPERIENCE, BACKGROUND, QUALIFICATIONS
C1	VENDOR QUALIFICATIONS
C2	ADDITIONAL QUALIFICATIONS
C3	SAFETY AND COMPLIANCE
C4	MANAGEMENT STRUCTURE
C5	CERTIFICATIONS
C6	PROJECT MANAGEMENT OVERVIEW
D	SIMILAR ENGAGEMENTS & REFERENCES
E	SCOPE OF WORK
E1	OVERVIEW
E2	SITE BREAKDOWN
E3	ASSUMPTIONS AND EXCEPTIONS
F	FORECASTED PROJECT SCHEDULE
F1	PHASE OVERVIEW
F2	DETAILED BREAKDOWN OF PROJECT SCHEDULE FORECAST
G	TECHNICAL OVERVIEW
G1	STANDARD PANASONIC CAMERA FEATURES
G2	ENTERPRISE SOFTWARE OVERVIEW
G3	ABILITY TO INTEGRATE ACCESS CONTROL
G4	ABILITY TO INTEGRATE DEVICE HEALTH MONITORING SERVICES
H	COST PROPOSAL
H1	SUMMARY
H2	ITEMIZED BILL OF MATERIALS BY SITE
H3	PREPARED GRANT ANALYSIS FOR TOWN OF ADDISON
I	ATTACHMENTS



4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

A. LETTER OF TRANSMITTAL

12/01/2020

The Town of Addison
ATTN: Office of the Purchasing Manager
Addison Finance Building
5350 Belt Line Road
Dallas, TX 75254

RFP: 21-05
DUE: December 17, 2020 2:00PM CST

Dear Purchasing Manager,

STS360, a HUB Certified Business, DFW Resident and Security Integrator of many Cities and Towns across the Metroplex, is honored to submit the following proposal for a simple licensing structure, a modern user-friendly interface, enterprise-level feature functionality, a reduction of impact on network infrastructure, and an open architecture solution allowing scalable expansion and integration with other third-party software and services.

STS360's core business specializes in connecting State, Local, and Educational Agencies in the most convenient, flexible way with a variety of security manufacturers from IP Surveillance and Access Control to Intrusion and Video Verification. In our 15+ years of business we maintain and have maintained contracts with many cities, counties, school districts, and more throughout the DFW Metroplex. The solution we are presenting is the same solution we have fully deployed across the City of Fort Worth (100+ Facilities) (est. \$3,000,000) and are currently deploying with the City of Dallas (est. \$18,000,000). Your Municipality will have the full force of our experienced, knowledgeable staff and white glove execution of your project with regular communication. For example, we have already prepared and provided, in this proposal, an analysis of Grants that are available to the Town of Addison right now to obtain Security related Grant Funds. This same analysis helped our Clientele bring in nearly \$2million worth of security project funds last year.

Additionally, we offer DIR purchasing on a wide variety of the products, including the hardware, services, and software components in this proposal, for the Town's purchasing convenience. Our Accounting and Purchasing Departments are specialized in handling these types of transactions to provide your Purchasing Division with the utmost service.

At the heart of STS360's philosophy is transparency, flexibility, and convenience. We fulfill these tenets via our Turnkey Open Architecture Solutions. We often consult with clientele that have been caged into proprietary solutions requiring expensive, total system overhauls. These overhauls often involve the responsible disposal of pricey hardware and software alike, followed up with resource intensive labor charges required to replace all proprietary components. To commit to a complete overhaul is a daunting activity that often results in the customer settling with out-of-date systems and a reliance on parties with vested interests in keeping them there. Because this business model exists, STS360 has specialized in consulting, designing, and building paths to regaining control. It is part of what led us to the very solution we are proposing to your Town, today.

STS360.com



TXDPS: B10434601
HUB: 1202542335600



4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

The following proposal provides the Town of Addison with open compatibility across each security vertical. The Enterprise Video Management Software (EVMS) has compatibility with over 5,000+ camera models of varying manufacturers and is a free software with no recurring annual licenses or fees. The Panasonic Cameras themselves are known for best of breed technology, sturdy builds of weatherproof resilience, and ease of adoption by a multitude of Security Industry Video Management Software Systems. On top of it all, Panasonic offers an Enterprise Access Control Software that is conveniently combined with Video Management Software for a Single Pane of class solution. The Enterprise Access Control System (EACS) is based on industry leading Mercury Panels with 30+ different software manufacturers utilizing them for convenient flash and go swaps of software. STS360 provides consolidated, comprehensive Enterprise Systems with completely agnostic hardware and software in each segment.

Many of our customers stress their desire for convenience in camera licensing for future budgeting concerns. For this reason, STS360 has worked to build our active solutions using PANASONIC US's latest cutting-edge, open-architecture video management software version "Video Insight 7." With this software, Panasonic affiliated cameras have unlimited installation with \$0 camera licensing costs or user license costs. Additionally, each \$0 camera license includes (1) \$0 door license should The Town of Addison investigate a migration to Panasonic's Access Control Platform "Monitorcast 4." There are also no recurring software costs for the life of the system. STS360, in partnership with Panasonic, is in the process of forming one of the world's premier Security Technology Solutions, and we are eager to offer our experience to your Town.

As STS360 is a HUB Certified Minority Owned business, helping our Public Sector Customer's Compliance is one key part of our business model. We have a strong network of HUB Subcontractors to be involved in a variety of areas. We have Data Cabling HUBs to maintain industry standards when installing as well as Security Industry HUBs utilized in mounting cameras throughout the facilities. Additionally, STS360 is located right in Carrollton, TX so our technicians are locally available as well. Support from all participants in this bid is 24/7/365.

STS360 has read, understood, and agrees to all terms and conditions of the RFP. We thank you for your time and consideration of the following offer and welcome any requests for additional information, clarifications, or anything else that you may require while considering STS360 for award of this solicitation. Please do not hesitate to contact me at any time at (469) 212-6022 or email me directly via john@sts360.com.

Kindest Regards,

John Hoffman, VP of Sales

STS360.com



TXDPS: B10434601
HUB: 1202542335600



4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

B. FIRM PROFILE

GENERAL COMPANY INFORMATION

Company Name: Sigma Surveillance, Inc. DBA STS360

Principal Place of Business: 4040 Hwy 121, Suite 140, Carrollton, Texas, 75010

Main Phone: (972) 392-3635 Fax Number: (866) 223-8167

STS360 Contact: John Hoffman

Contact Office Phone: (972) 300-1082 Contact Cell Phone: (419) 344-8105

Contact Email Address: john@sts360.com Contact Title: Vice President of Sales

Secondary STS360 Contact: John Skuse

Contact Office Phone: (972) 392-3635 Contact Cell Phone: (716) 697-3235

Contact Email Address: skuse@sts360.com Contact Title: Program Manager

Field Technical Support Center Locations: Carrollton, Texas - Houston, Texas - Athens, Texas - Alice, Texas - Corpus Christi, Texas - Wichita Falls, TX - Fort-Worth, Texas - El Paso, Texas

STS360's PRINCIPALS:

Bobby Khullar, President / CEO Email: bobby@sts360.com

John Hoffman, Vice President of Sales Email: john@sts360.com

Years in Information Technology: 20 Years in Security Business: 12

Type of Ownership: Privately held State of Incorporation: Texas

Type of Incorporation: S Corporation Year Founded: 2005

Number of Employees: 21 STS360 Employees 100+ subcontractor employees

Vendor ID Number: 20-2542335 HUB Vendor? Yes Cert: 1202542335600

Bonding Capacity: \$7.5 million per project / Aggregate \$15 million

AUTHORIZED NEGOTIATOR: John Paul Hoffman, Vice President of Sales

STS360.com



TXDPS: B10434601
HUB: 1202542335600

C. EXPERIENCE, BACKGROUND, QUALIFICATIONS

VENDOR QUALIFICATIONS

STS360 has been designing, installing, and supporting network-based security systems for over fifteen (15) years, and intends to demonstrate to The Town of Addison Purchasing representatives that during this time we have garnered significant experience and qualifications that make us an outstanding candidate for consideration of award. STS360 has been installing and supporting large Video Surveillance installations for State Agencies, Counties, Cities, Towns, and Schools for years.

STS360 was founded as an IT Systems consultant and integrator in 2000. We found ourselves naturally moving core services to security solutions due our customers' increasing demands for network-based security. Since we were already proficient in networks and IT Systems, the transition was natural and STS360 became a leader in providing IP solutions well before they became commonplace solutions. We tailored innovative security solutions to solve our clients' security needs and provide high ROIs through loss prevention, improved operational oversight, liability mitigation, reduced investigation times and safer, more secure environments.



CEO Bobby Khullar receives entrepreneur of the year award from Governor Rick Perry

STS360 is highly qualified and experienced in the services we perform and product lines we offer. STS360 is very careful to approach technology with a few key prejudices. 1) the technology must be non-proprietary, meaning that it must be able to integrate with other products not made by the same manufacturers; 2) it must be expandable, meaning that the end user should not be limited in their ability to expand their security system in the future should they desire to, whether because of technology limitations or cost limitations; 3) the products must be proven to be of the highest of quality available in the market for that type of product. Our customers deserve a strong solid solution with a long-term lifecycle and support, and we will not promote a product we do not believe will be the best return on investment for our customers. At STS360 our experience proves invaluable to the longevity of our partnerships with our clients and supported systems.

STS360 invests in our success by investing in our employees' growth. We certify all STS360 technicians on the various products that we sell and support. STS360's operational procedures also mandate a minimum of 8 hours of training per month for all of our senior and field technicians as a part of their job duties, because there's always room to learn and improve. These monthly trainings can range from manufacturer factory certification training and network certification, to online tests on industry codes & hands-on trainings in our technology lab at STS360 headquarters. STS360 also invests in our subcontractor's education and frequently brings them into our training program to insure they are meeting our high standards.

Considering the sensitive and, unfortunately, critical nature of the service we provide, STS360 has been successful in fostering long-term customer relationships because of our stellar performance and support. We have installed and continue to support tens of thousands of devices for our customers because they trust us to provide the same unparalleled support year after year.



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STS360 excels in being flexible, exercising creativity, and providing unwavering attention to detail to customize unique Security Technology Solutions to achieve our clients' diverse needs. We can do this because we have the talent of a large company with the maneuverability and competitiveness of a small one. With a team of technically savvy systems engineers, field service technicians, support staff, account managers and project managers instead of solely technical, contractual and sales expertise, STS360 can honestly say that we truly rise to any challenge a client puts forth to us.

ADDITIONAL QUALIFICATIONS:

HUB CERTIFIED BUSINESS: 1202542335600
NCTRCA, MBE, SBE



As a Certified HUB, we are proactive in HUB outreach and attend/exhibit as such in conferences statewide. We participate in the DIR Conference's HUB Networking Event and build relationships with Minority owned businesses across the State of Texas that are pursuing the status while promoting its benefit to those subcontractors utilized that are not yet certified. We approach every project with a goal of assisting our community.

HIGH BONDING CAPACITY

Lastly, we believe that our strength in our bonding capacity speaks volumes to our qualifications and financial stability. When you work with STS360 you can guarantee that you are working with a solid company who will always be there for you. STS360 has been bonding projects for over 10 years. We have a bonding aggregate capacity of \$15million, up to \$7.5million for a single project, and have had active bonds upwards of \$12million at any given time. We have successfully completed all the bonded projects and continue to have our bonding capacity increased year after year when Philadelphia Insurance does their yearly audits.

PANASONIC PREFERRED PARTNER

STS360 received and maintains the Premier "Panasonic Preferred Partner" designation for outstanding understanding of the product, solutions, and expertise in integration. This prestigious status provides STS360 the ability to offer forensic software and analytics unavailable outside of 20 dealers nationally. Additionally, it provides STS360 with extra resources to improve competitive advantages when proposing Panasonic Solution as well as Operating Inventory Priority.



SAFETY AND COMPLIANCE – SINCE 2005

- OSHA COMPLIANCE – **100%**
- OSHA INVESTIGATIONS - **0**
- Employee Injuries – **0** Since Business Inception
- Subcontractor Injuries – **0** Since Business Inception
- Average MOD Factor – **0.93**

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MANAGEMENT STRUCTURE



Bobby Khullar - CEO, President, Owner – STS360

After graduating from Arkansas Bobby had a successful carrier in Federal contracts and IT. Seeing the increased need for Security, Bobby built STS360 from the ground up in 2005. With keen knowledge of IT and government contracts, and firm dedication, Bobby Khullar rapidly grew STS360 by leading with IP technologies in a time when analog technology still ruled the land. STS360 still remains a leader in the security public sector market with Bobby at the helm. Bobby was Awarded the Entrepreneur of the Year in Texas among his many other accomplishments.

bobby@sts360.com



John Paul Hoffman – Vice President – STS360

From STS360's warehouse 14 years ago to Vice President of Sales, John Paul Hoffman maintains the Texas Security Integrator market. Cultivating relationships between Texas State Agencies, Counties, Cities, Towns, School Districts, and manufacturers. He is well known for availability and willingness to consult on all varieties of security matters. Heavily certified in security technology, versed in installations, and customer devoted, The Town of Addison can confidently rely on his guidance regarding all sales.

john@sts360.com

Cell: (972) 300-1082



Jose Garza – CTO, STS360

Jose Garza has been in the Information Technology Industry for over 20 years, in his tenure as Chief Technology Officer, is responsible for discovering, accessing, and researching high-risk, high-return innovations with potential applications in existing businesses and establishing new businesses for STS 360. Jose Garza is 3-time Cisco Certified Network Professional (CCNP) in routing and switching. A certification validates the ability to plan, implement, verify, and troubleshoot local and wide-area enterprise networks and work collaboratively with specialists on advanced security, voice, wireless and video solutions. Jose Garza is also holding Microsoft, CompTIA, and HP Certifications, and continuing education in the following expertise, include the Certified Information Systems Security Professional and Physical Security Professional certifications. Thorough his 20 years of experience, he has also been involved in the practice of providing Cybersecurity Solutions assessments for the Public and Private Sectors. Jose will serve as the point of contact for technology.

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John Skuse – Program Manager – STS360

Having a decade in Mobile Wireless Technology and Security products, John brings STS360 a background in Project Management, Sales, Operations and Strategic Implementation. With 15 years of sales experience, 5 years of training experience, and 5 years of operations experience he is responsible for managing STS360 Proposals, Smart City Projects, inside sales initiatives, marketing content, public relations, and estimation of projects. John will serve as the point of contact for project related information.

skuse@sts360.com



Kartavya Mahadevia – Senior Technical Project Manager and Engineer

With over 20 years of experience in Information technology and project management, he has been with STS360 since 2003. Kart is a Microsoft Certified System Engineer and has certifications from various leading security manufacturers. Kart’s expertise is in various Video Management, Access Control, Intrusion, Wireless, Server, Storage and Networking System technologies. He is an integral part of System Design to System Deployment and System Support and he manages several teams. Kart has earned many accolades from our customers and will serve as the front man for technical troubleshooting, system configuration, and training.

kart@sts360.com

CERTIFICATIONS

Video Management Systems

Video Insight	Exacqvision
OnSSI	Verkada
Milestone	Sallient
Axis	Wisenet WAVE

Facial Recognition/Forensic Analytics

FacePro
BriefCam
Agent VI

Access Control Systems

MonitorCast	Continental Access
Open Options	SALTO Systems
Isonas	RS2

Camera Certifications

Panasonic/Arbitrator	Illustra
Axis	Advidia
Hanwha	FLIR
Sony	Hikvision
Bosch	Mobotix
Honeywell	Interlogix
Arecont	GeoVision

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PROJECT MANAGEMENT

STS360 knows the only way a project will be successful is if all key components come together and are well organized and managed both before and throughout the entirety of the implementation. The key components of a project are Scope, Schedule (time), Budget (cost) and of course, Quality. At STS360 our project managers focus on these key elements and are supported by a solid team of professionals working to exceed expectations.



A project always starts with **Scope**; do the customer and STS360 clearly understand and agree upon the scope of work and products to be installed? This does not simply refer to what is proposed and awarded, this is more granular and begins as soon as the contract is awarded. The STS360 design team will work with the Town of Addison stakeholders to tour facilities, refine any unique design needs for each location and environment, and present a final design and scope for each location to the Town of Addison Stakeholders. Once the design is agreed upon, the project manager will work with the Executive Stakeholders and the STS360 Project Coordinator to schedule a project kickoff meeting for all involved parties including all Town of Addison support team stakeholders, The Town of Addison IT Department, STS360 project team members, STS360 Executive Oversight, and any subcontractor representatives. Prior to this meeting the STS360 project manager will review pre-project documentation with the Executive Stakeholders, including but not limited to system rights and configuration settings, final drawings & diagrams, phase schedules and milestones, and communication plan with assigned roles and responsibilities. Any revisions will be completed prior to the kickoff meeting. We propose the project kickoff meeting be held on site and the installation schedule, security procedures / risk mitigation, and communication plan be addressed. After the formal kickoff meeting, we propose to have each site walked before any equipment is placed or installed to seek approval for any penetrations, equipment placements or special considerations. Also, this allows the local representative whether that be the IT Manager or The Town of Addison Engineer or whomever the Town assigns, to become familiarized with the scope, schedule and team that will be working with on their territory.

The next key component of course is managing **Budget (Cost)**. STS360 does not believe in going in low and change ordering our customers' after award to gain our profit. What we propose is what you pay. The only time you will see STS360 asking you for a revision to a purchase order is if the customer asks us to add additional components to the scope. If something was missed in our proposal STS360 takes liability for any impact to our profitability that causes. If our costs increase on equipment or labor STS360 takes liability for the impact to our profitability. Return on investment is an important factor that we must consider when designing a project, especially when budgets are tight and recurring fees just add to the overall cost but provide little value over the life of the final product itself. With that in mind, STS360 has provided cameras with a 3-year manufacturer warranty, Servers, and Storage with a 5-year manufacturer warranty and a video management system that does not require annual fees to receive future upgrades like many VMS on the market today. The products we have chosen are from market leaders in their respective technologies and the Video Insight Video Management System was specifically designed for use in enterprise scenarios with an eye to quality and long-term ROI.

Thirdly we have **Schedule (Time)**. On projects time, can have a way of running away from you if not managed properly, and we know our clients' time and their need to have a functional system as quickly as possible is paramount. As part of our project plan, we have proposed this project be completed in

multiple phases to ensure an expeditious completion to all aspects of the scope of work. We will consider each install a "phase" and while some of these phases may run concurrently as they are able to be managed separately to make best use of resources. We are dedicated to a smoothly run project. To delay each significant milestone, punch lists, 3rd party testing & documentation acceptance until the end of the project when ALL locations are completed, will create a bottleneck at the end of the project and prolong a successful completion. Therefore, we will attend to each installation location as a separate "phase." STS360 will also train local and administrative staff after each facility is installed instead of just waiting until the end. We will also conduct a final training with any parties that need to attend or want to be refreshed, in a central location for a min 4 hours if required.

Lastly but not least you cannot talk about a project plan without discussing **Quality**. Quality control checks and balances must be a continuous part of a project, not left to the end of a project. Leaving quality control to the end of a project leads to extensive punch lists, delayed documentation completion, throwing off the schedule & most importantly will make the Town question our qualifications. Before any product even reaches the Town for installation it will be bench tested in our lab in Carrollton to ensure it is functional. It will then be burned in for a period of no less than 24hrs, in a simulation exactly to scope for this project, to ensure the functionality is working correctly. Then all cameras will be pre-configured with IP addresses provided by the Town and labeled by location, IP address and the system documentation started before it ever leaves our facility. Each site will be assigned a job supervisor and enough crew members to complete the job on time or earlier. Senior Technicians and /or Project Manager will be visiting each facility at a minimum of 2 days per week if not more to manage the supervisors progress, do spot quality checks, ensure that the workspaces are being kept clean and safe, and to retrieve documentation. If the senior technician or the project manager find any discrepancies, they are immediate addressed and fixed by the appropriate party. Our Project Coordinator continually does audits on the work product coming from the field, e.g. Is the project team on schedule? What staff is onsite and what did they do that day? Did they show up on time and leave on time? Are there additional materials or equipment needed to be sent out and when does it need to be delivered? Are the system documentation and drawings being updated and added to our secured CRM, so we always have the most up to date information? Is the system documentation correct and formatted clearly? At the end of the project phase and upon our own internal review of quality, STS360 will notify the Town that we are ready for a final system test and punch list walkthrough assessment with the assigned stakeholder. Any discrepancies found are noted and corrections made immediately. The likelihood of a significant punch list, however, is slim due to our dedication to quality throughout the installation.

STS360 takes project and service management very seriously because that is ultimately our product to our customers. You cannot hide a lack of organization and efficiency in managing large projects and long-term service contracts, and we do not have to. STS360 has made significant investments in building a customized Customer Resource Management System using the Salesforce Enterprise Cloud Platform to meet our specific operational needs and goals. We have developed a workflow through Salesforce that automates every facet of a project from opportunity through service contracts and everything in between. For example, this opportunity is logged into our system and includes every email, RFP document, drawing, walkthrough details, other notes, phone call, partner, customer contacts and roles, subcontractor contacts and roles and other related information. Should STS360 be awarded the contract, it will be converted to a project in salesforce where all documentation pertaining to the entire project including purchase order, payment terms, communication





plan, schedule, contacts, emails, notes, etc... will all be kept. Within that project, it will be broken into separate related and those specific milestones, completion dates, percentage of completion, schedules, correspondence, related documentation, etc... will all be kept. Once all phases of the project are completed and the Town has accepted the documentation, system and warranty, the project is closed, and a contract is created. The contract contains the accepted warranty contract, the start date, end date, notification is set for 90 days prior to expiration to both sales and the client, and related software and hardware contracts direct with the manufacturer. When a work order is called in, STS' service department creates the work order under that contract and all service activity can be followed by pulling up the contract and clicking onto any of the work orders related to the contract. While STS360 is proud that we have a low turnover rate, and we have the highest esteem for the organization of our personnel, sometimes people leave, or things get misplaced. With Salesforce, we have all but removed those concerns from the process as everything is stored in the secure cloud and audited throughout for completeness. Any new person looking for information on the fourth year of a warranty on what transpired during the installation or to answer a question about the original proposal can simply follow the chain of events as every single component is linked in hierarchical order and is just a click away.

To conclude this section, it is important that we note that not only will we comply with the documentation that is requested by the Town in Visio format & manufacturer warranty certifications., STS360 also provides an extensive amount of data that is searchable and updated throughout the warranty period as equipment is replaced. This includes but is not limited to any serial numbered device showing the following information:

- Part Number
- Description
- Serial Number
- Mac Address
- Ip Address
- Campus / Facility
- Camera Name
- Camera Installation Location
- Camera Mount Type
- Indoor / Outdoor Designation
- Associated IDF / MDF
- Associated Rack
- Associated Patch Panel Ports
- Associated Network Switch Name
- Associated Network Switch Ports
- Associated Power Source (If Applicable)
- Camera Settings
- Live and Recording Settings
- Live Server Path
- Archive Path
- Mfg. Warranty
- And Other Related Settings





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D. SIMILAR ENGAGEMENTS & REFERENCES

STS360 References – May be contacted at the will of The Town of Addison

PREMISE SECURITY REFERENCE	
Organization Name:	TEXAS DEPARTMENT OF CRIMINAL JUSTICE
Contact Name/Title:	CHERYL COWART / ASSISTANT DIRECTOR, GOVERNMENTAL CONTRACTS BRANCH
Telephone/Email:	(936) 437-7119 / CHERYL.COWART@TDCJ.TEXAS.GOV
Project Description:	Multiple Surveillance Projects since 2008, over 12,000 IP Cameras installed across multiple campuses from Maximum Security to Administrative facilities.
Total Projects Value:	\$36,000,000.00+
Contract/Date of Installation:	Multiple
Number of Campuses Served:	110 Including 10 Maximum Security Prisons

PREMISE SECURITY REFERENCE	
Organization Name:	CITY OF DALLAS
Contact Name/Title:	SGT. STEPHAN GABLE / POLICE TECHNOLOGY PROJECT MANAGER
Telephone/Email:	(214) 671-3107 / STEPHAN.GABLE@DPD.CI.DALLAS.TX.US
Project Description:	Same Proposed Solution: Conversion from DNSSI to Panasonic Video Insight Citywide. Multiple Panasonic camera installations in and across City Infrastructure. Beyond facility cameras, deployed Wireless LTE Cameras, Trailers, Centralization of Surveillance at PD HQ. Decentralized Solution. 4,715 cameras to be installed.
Total Projects Value:	\$18,000,000.00+
Contract/Date of Installation:	Multiple, 5-Year Contract started 9/11/2019
Number of Campuses Served:	100+ Facilities

PREMISE SECURITY REFERENCE	
Organization Name:	CITY OF FORT WORTH
Contact Name/Title:	LEAH HUFF / SENIOR IT SOLUTIONS MANAGER
Telephone/Email:	(682) 201-7925 / LEAH.HUFF@FORTWORTHTEXAS.GOV
Project Description:	Same Proposed Solution: Multiple Panasonic Video, Access Control, and Intrusion installations in and across city infrastructure. Centralized Solution. Integrating Citywide Intrusion.
Total Projects Value:	\$3,000,000.00+
Contract/Date of Installation:	Multiple, 5-Year Contract started 11/05/2019
Number of Campuses Served:	100+ Facilities

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PREMISE SECURITY REFERENCE	
Organization Name:	CITY OF DENTON
Contact Name/Title:	JOHN DURNELL / TECHNOLOGY SERVICES SYSTEMS ARCHITECT
Telephone/Email:	(940) 349-7763 / JOHN.DURNELL@CITYOFDENTON.COM
Project Description:	Installation and support of approx. 400+ cameras, wireless mesh networked systems, point to point wireless networked systems, and standard internal IP networked systems.
Total Projects Value:	\$2,000,000.00+
Contract/Date of Installation:	Multiple,
Number of Campuses Served:	35+ Facilities

PREMISE SECURITY REFERENCE	
Organization Name:	TEXAS DEPARTMENT OF MOTOR VEHICLES
Contact Name/Title:	CHRIS STURM / FACILITIES MANAGER
Telephone/Email:	(512) 465-3835 / CHRIS.STURM@TXDMV.GOV
Project Description:	Turnkey Installation at all regional service centers across the state, Open Options Access Control, OnSSI/Hanwha for Video Surveillance, Honeywell Intrusion, Fire.
Total Projects Value:	\$1,800,000.00
Contract/Date of Installation:	Multiple
Number of Campuses Served:	20+ Facilities

PREMISE SECURITY REFERENCE	
Organization Name:	TEXAS DEPARTMENT OF TRANSPORTATION
Contact Name/Title:	ANDY W. RICE / PROJECT MANAGEMENT - FACILITIES MGR
Telephone/Email:	(512) 486-5816 / ANDY.RICE@TXDOT.GOV
Project Description:	Installation of Video Surveillance Solution Statewide involving Data Cabling, IT Closet Modifications, Server Implementations and Camera Installations.
Total Projects Value:	\$500,000.00
Contract/Date of Installation:	Multiple
Number of Campuses Served:	14 Facilities Statewide

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PREMISE SECURITY REFERENCE	
Organization Name:	CITY OF MURPHY
Contact Name/Title:	TAYLOR PRENTICE / IT DIRECTOR
Telephone/Email:	(972) 468-4027 / TPRENTICE@MURPHYTX.ORG
Project Description:	Citywide implementation of Video Surveillance and Access Control utilizing Mercury Panels and Panasonic Security Suite. Implementing Gates and Electrical. Video Insight/Monitorcast Implementation
Total Projects Value:	\$400,000.00
Contract/Date of Installation:	Multiple
Number of Campuses Serviced:	12 Facilities

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E. SCOPE OF WORK

STS360 is pleased to offer the below proposal, as it encompasses the essence of who we are and could not be more in line with the services and experience we can bring to the table in support of the Town of Addison (known hereafter as TOA). Having performed projects of this size as well as smaller and much larger alike, successfully, STS360 is confident in our ability to exceed expectations and achieve the system and timeline goals set forth by TOA.

In the event of award, STS360 will be responsible for providing TOA with a complete turnkey Decentralized Video Surveillance System upgrade as defined in RFP documents and STS360 proposal. STS360 has been leading with Panasonic cameras and Video Insight VMS Software for over 10 years and has 12 local fulltime employees annually certified in these solutions.

STS360 will perform Pre-Site Analysis to verify and qualify each facility's required work efforts. These analyses will be documented and provided as a report following the culmination of site visits. A tentative project schedule forecast has been provided to TOA as part of this proposal.

OVERVIEW:

STS360 will be responsible for installing, configuring, and servicing the following, including but not limited to:

- All New Indoor and Outdoor Panasonic Cameras to replace existing or expand current coverage. All cameras come with 5-year advanced replacement warranty. STS360 will also stock spares for fast warranty response and uptime.
- All supporting brackets, mounts, wireless devices, poles, solar equipment and 4G NVR's
- All new Superior Essex Cat6 Plenum Data cabling with all supporting connectivity
- New Dell Panasonic optimized Storage Servers for each location (with exception of 4G sites pointed to Service Center Server) with added 3-year Dell NBD warranty.
- All required Enterprise VMS software Licenses, clients, integrations, etc.
- Installation
 - All installation of new indoor and outdoor cameras including mounting and focusing of new cameras.
 - Removal of existing cameras where applicable. All camera returned to City.
 - Labeling of all cameras and cabling as designated by the City.
 - Installation of new CAT6 cabling for all cameras with all required connectivity and testing.
 - Dedicated System engineer for Programming and Configuration of Video Insight Video Monitoring Software, Servers, Storage and Cameras
 - Training as required for all end users and administrative users in V17 software. STS offers up to 12 hours of classroom setting training to be allocated as City sees fit plus ancillary WebEx as needed.
- Service / Maintenance for 1 year included with
 - Onsite repair, troubleshooting, replacement/ Routine servicing / preventative maintenance for 1 Year with dedicated onsite service technician at all times as needed. See warranty section for additional support details.

It is the City responsibility to ensure the following are available:

- Rack space Network PoE Switch ports for all building hardwired cameras and servers
- All Network (WAN/LAN)





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- All AC Power in IDF/MDF or near Pole locations
- City to provide unlimited data 4G (prefer Verizon or ATT) SIM card for all 4G transmission sites
- Any workstations, mobile devices and monitors required for viewing with exception of four monitors and two workstations provided at Service Center.

STS360 has provided all hardware, labor, programming, and accessories to implement proposed Video Surveillance De-centralized system with the exclusion of any items specifically noted to be provided by the City. All components of the system will be installed in a neat, professional manner by certified technicians.

STS360 has provided a 1-year full hardware and labor onsite warranty for all STS360 supplied and installed components. STS360 warranties and guarantees all products, material, labor, and work done for City on this project. All new hardware and installation will be covered under the 1-year onsite warranty. All warranty replacement, installation, integration, maintenance, and required testing will be provided at no cost to the City within this 1-year period. STS360 is offering a 24/7 toll free service support line, 2-hour engineer on phone response and 24 onsite response. All requests for service, maintenance, troubleshooting and preventive maintenance will be handled by through our service department dispatch and case generated immediately upon call. Additional local technicians available for any overage or additional support required.

Advantage and Key points of STS360 Panasonic Video Insight solution:

VIDEO INSIGHT VMS SOFTWARE:

- Enterprise software is free – There is no cost for licenses when using any Panasonic brand cameras. Full enterprise features with **no recurring software upgrade fees for life**. City can utilize any other brand of camera also (such as Hanwha explosion proof camera used at fuel farm) however this would incur a license fee of \$125/ per camera.
- Each camera comes with 1 Enterprise Video and 1 door licenses with unlimited software upgrades for life. This represents a substantial software cost savings over the years as no additional software cost to be budgeted each year.
- Easy, cost effective license structure. Unlimited Clients, Unlimited Users, unlimited servers with no additional software cost.
- Panasonic US is Houston based company – Video Insight is a local company, with headquarters in Houston. What this means is the district has local presence for sales and engineers allowing for maximum onsite support and service from both STS360 and Video Insight/Panasonic. Houston based manufacturer support – technical and training
- Comprehensive enterprise VMS designed for physical, mobile, and virtualized environments
- Lower TCO – No Cost for license, more cameras per server, 70% reduced storage costs, and no recurring fees make Video Insight the most cost-effective Enterprise solution in the market.
- No recurring license fees – This is worth mentioning again, no recurring costs for the life of the software which allows for easy budgeting and no additional costs for the life of the system.
- Layered facility maps
- Unlimited user seats for web browser, client, mobile or video wall
- Full suite of analytics- traffic management, notification, mapping, and situational awareness and iVMD onboard analytics
- Fail Over capabilities

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- Health Monitoring
- V17 Enterprise software allows integration with:
 - Arbitrator Body worn
 - Transportation System
 - Existing camera architecture
 - MonitorCast Access control
 - Intrusion alarms from existing devices
 - FacePro analytics
 - LPR system
 - Easy to add additional integrations

PANASONIC CAMERAS AND SERVERS:

- 5-year advance replacement warranty on all camera hardware
- 3-year NBD hardware warranty for all servers
- Built-in analytics including Intruder detection, face recognition system, Loitering detection, direction detection, cross line detection, scene change detection, object detection, intelligent video motion detection
- Options include PTZ, fixed, multi-image, 4K, 360 degree, mobile, body worn
- Extreme data security / Secure communication
- Extreme performance in any conditions
- H.265 ready with smart coding reduces storage requirement over 70%
- Intelligent video motion detection
- Color night vision

VIDEO SURVEILLANCE:

All new Video Management software provided will be Video Insight Enterprise VMS. All Video Insight software licenses come embedded with Panasonic cameras and no additional cost above cost of cameras required for licensing. There are no recurring software costs for Video Insight and all software, Maintenance and Updates are included through life of system at no additional cost. City will be responsible for providing all monitors and workstations required for client viewing with exception of those provided at Service Center. City will be responsible for providing all POE switch ports for each hardwired building camera and network Gig network ports for servers.

STS will provide all new Superior Essex CAT6 plenum rated data cabling to each device with all specified connectivity and testing. This includes all required patch cords, jacks, hooks, testing, and cabling certification. STS will provide all required software and storage server to support new IP cameras installed. STS will provide all camera configuration, focusing and programming required for turnkey installation.

For all existing IP cameras, STS will provide all required Video Insight software licenses and storage servers. STS will utilize City existing rack space and UPS for new servers. STS360 has provided a server at each site that will support up to 90 days video retention per site. All remote pole mounted 4G NVRs will come with 2TB on board storage connecting back to 90-day storage server at service center. If connection is lost, remote NVR will continue to store data locally.

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STS will work with City to determine best options for configurations of camera settings, maps, active directory, etc. STS will provide all programming/setup, configuration and installation of all servers, cameras, and software. STS will work with district to set up client software on key end user systems. STS will supply comprehensive closeout documentation to include detailed system documentation, as built, manuals, etc. STS will provide all required training per the RFP specifications.

To follow, a breakdown of provided solution for each site:

Police Department

- (42) Interior ceiling mounted Panasonic WV-S3131L Wide Angle 1080HD Domes with built in audio (audio can be turned off)
- (18) Exterior wall mounted Panasonic WV-S2550L 5MP varifocal IR Domes
- (1) NVR-R-2-60TB-A- V2 Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras.

Service Center

- (5) Exterior wall mounted Panasonic WV-S2550L 5MP varifocal IR Domes
- (4) Exterior pole mounted Panasonic WV-S1550L 5Mp Varifocal IR bullet cameras with supporting P2P wireless, PoE switch and Enclosures.
- NVR-R-1-12TB-A-V2 Dell Server with included Panasonic server license for 90-day storage
- NVR-R-2-60TB-A-V2 Dell Server with Included Panasonic Server license for 90-day storage of all 4G Cameras proposed on exterior sites (multiple locations – see below)
- SMART1500LCD UPS for Server
- NVR-T-1-RDT-V2 Workstations with Dual video Card for Video Wall Monitors
- (2). 43” 4K LCD Monitors with supporting articulating mounts and cables
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Addison Athletic Club

- (21) Interior ceiling mounted Panasonic WV-S3131L Wide Angle 1080HD Domes with built in audio (audio can be turned off)
- (16) Exterior wall mounted Panasonic WV-S2550L 5MP varifocal IR Domes
- (1) 4k 180 Degree IR dome camera for pool area coverage
- (1) NVR-R-2-60TB-A- V2 Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras.

Addison Airport and Fuel Farm

- (6) Hanwha TNO-X8072EPT1-Z Explosion Proof 5MP bullet cameras
- (2) Exterior wall mounted Panasonic WV-S2550L 5MP varifocal IR Domes for gates
- (2) P2P Wireless for gate Cameras with supporting PoE switches and Enclosures
- (1) MR-6C-AT-ML2TB Panasonic hardened 6 port PoE NVR for Explosion proof cameras
- All required CAT6 data cabling, installation, focusing, programming and confirmation.

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HUB: 1202542335600



- *Assumes Town to provide network at current NVR location

Addison Theater and Conference Center

- (17) Interior ceiling mounted Panasonic WV-S3131L Wide Angle 1080HD Domes with built in audio (audio can be turned off)
- (6) Exterior wall mounted Panasonic WV-S2550L 5MP varifocal IR Domes
- (13) Exterior pole mounted Panasonic WV-S1550L 5MP Varifocal IR bullet cameras with supporting P2P wireless, PoE switch and Enclosures.
- (1) NVR-R-2-48TB-V2 Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Addison Treehouse

- (15) Interior ceiling mounted Panasonic WV-S3131L Wide Angle 1080HD Domes with built in audio (audio can be turned off)
- (1) NVR-R-1-12TB-A-V2Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Finance

- (2) Exterior Wall mounted Panasonic WV-S2550L Varifocal 5MP Domes
- (1) NVR-R-1-12TB-A-V2Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Town Hall

- (2) Exterior Wall mounted Panasonic WV-S2550L Varifocal 5MP Domes
- (1) Aiphone Master Station and Door Station for Back Door
- (1) Electronic strike, power supply and relay for door release through master station
- (1) NVR-R-1-12TB-A-V2Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Addison Circle Park

- (6) Exterior wall mounted Panasonic WV-S2550L 5MP varifocal IR Domes
- (24) Exterior pole mounted Panasonic WV-S1550L 5MP Varifocal IR bullet cameras with supporting P2P wireless, PoE switch and Enclosures.
- Will utilize existing poles and power as needed
- (1) NVR-R-2-48TB-V2 Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide PoE Switch ports for hardwired receivers at Theater





Fire Station 1

- (6) Exterior Wall mounted Panasonic WV-S2550L Varifocal 5MP Domes
- (1) NVR-R-1-12TB-A-V2Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Fire Station 2

- (6) Exterior Wall mounted Panasonic WV-S2550L Varifocal 5MP Domes
- (1) NVR-R-1-12TB-A-V2Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide all required rack space and PoE Switch ports for hardwired cameras

Community Garden

- (4) Exterior pole mounted Panasonic WV-S1550L 5MP Varifocal IR bullet cameras with supporting P2P wireless, PoE switch and Enclosure pointing back to Athletic Club server.
- Will utilize existing power inside barn – camera only placed on barn no other location to capture entire garden and surrounding areas. Will utilize server at Athletic club
- (1) SMART1500LCD UPS for Server
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide PoE Switch ports for hardwired receivers at Athletic club

Oaks North Neighborhood

- (3) 4K Multi-sensor Dome cameras on pole
- (3) Direct Burial Black Poles
- (3) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (3) Electrical work to bring power to pole from existing power sources
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (3) unlimited data SIM cards for Hardened NVR's at each pole

Les Lac

- (4) Exterior mounted Panasonic WV-S2550L Varifocal 5MP Domes – (3) Mounted on Pavilion to capture under pavilion and playground and (1) mounted on STS360 provided pole to capture trail as noted on drawing.
- (1) Direct Burial Black Poles
- (2) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (2) Electrical work to bring power to pole and pavilion from existing power sources
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (2) unlimited data SIM cards for Hardened NVR's at each pole

Beltway Trail

- (4) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (2) Mounted on each pole location
- (2) Direct Burial Black Poles





- (2) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (2) Electrical work to bring power to poles from existing power sources
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (2) unlimited data SIM cards for Hardened NVR's at each pole

Addison Grove Park

- (4) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (1) Mounted on each pole location per drawing
- (4) Direct Burial Black Poles
- (4) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (4) Electrical work to bring power to poles from existing power receptacle
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (4) unlimited data SIM cards for Hardened NVR's at each pole

Town Park and Dog Run

- (4) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (2) Mounted on STS360 provided pole at Dog Run and (2) Mounted on Existing Pole with timer at park – STS360 will provide Perpetual power System to utilize this pole and power. PPS will run camera during day and charge at night when light is on.
- (1) Perpetual Power Box
- (1) Direct Burial Black Poles
- (2) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (2) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (2) unlimited data SIM cards for Hardened NVR's at each pole

Bosque Park

- (6) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (2) cameras Mounted per existing pole with timer – 3 poles total. STS360 will provide Perpetual power System to utilize this pole and power with timer. PPS will run camera during day and charge at night when light is on.
- (3) Perpetual Power Box
- (3) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (3) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (3) unlimited data SIM cards for Hardened NVR's at each pole

Celestial Park

- (3) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (2) cameras Mounted on one existing pole with timer and (1) mounted on Existing pole with time. 2 existing poles total. STS360 will provide Perpetual power System to utilize this pole and power with timer. PPS will run camera during day and charge at night when light is on.
- (2) Perpetual Power Box





- (2) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (2) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (2) unlimited data SIM cards for Hardened NVR's at each pole

Vitruvian Park

- (6) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (2) cameras each mounted on two exiting poles for under bridge coverage. (2) cameras mounted on existing pole for Amphitheater coverage. STS360 will provide Perpetual power System to utilize this pole and power with timer. PPS will run camera during day and charge at night when light is on.
- (3) Perpetual Power Box
- (3) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (3) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (3) unlimited data SIM cards for Hardened NVR's at each pole

White Rock Creek Trail

- (3) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras – (3) cameras mounted on existing pole STS360 will connect power from nearby receptacle
- (1) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (1) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (1) unlimited data SIM cards for Hardened NVR's at each pole

Redding Trail Dog Park

- (1) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras
- (1) Exterior Mounted PTZ with 40X Optical
- Both cameras mounted on only one pole – variance from drawing to save cost from trenching to opposite of park. PTZ used for longer distance coverage from 1 pole.
- (1) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited date SIM card for NVR
- (1) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (1) unlimited data SIM cards for Hardened NVR's at each pole

Addison Airfield Perimeter

- (22) 4K Exterior IR varifocal Bullet Cameras
- (1) Exterior Mounted PTZ with 40X Optical for view straight down runway
- *6 fuel farm camera included in fuel farm quote
- (16) supporting P2P wireless kits, PoE switches and Enclosures.
- (11) new direct burial black poles- assumes there are power receptacles nearby or use of existing power fed by existing cameras.
- (1) NVR-R-2-80TB-V2 Dell Server with included Panasonic server license for 90- days storage
- (1) SMART1500LCD UPS for Server





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Suite 160
Carrollton, TX 75010
(972) 392-3635

- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide PoE Switch ports for hardwired receivers back to network and for server onsite.

Spruill Park

- (3) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras
- (1) Exterior Mounted PTZ with 40X Optical
- All cameras mounted on one existing pole
- (1) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited data SIM card for NVR
- (1) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (1) unlimited data SIM cards for Hardened NVR's at each pole

Winnwood Park

- (2) Exterior mounted Panasonic WV-S1550L Varifocal 5MP Bullet cameras
- All cameras mounted on one existing pole
- (1) 4G Hardened Pole Mounted NVR and Poe Switch – Town to provide unlimited data SIM card for NVR
- (1) Electrical work to bring power to poles from existing power receptacle and Existing pole
- All required CAT6 data cabling, installation, focusing, programming and confirmation.
- *Assumes Town to provide (1) unlimited data SIM cards for Hardened NVR's at each pole

ASSUMPTIONS AND EXCEPTIONS:

- Assumes all AC Power in each MDF/IDF as well as nearby power sources for 4G or park cameras
- Assumes all POE switch ports required for new building hardwired cameras provided by TOA
- Assumes all Rack space in buildings provided by TOA
- Assumes use of existing Network (WAN/LAN)
- Assumes City will provide any required workstations, monitors, or smart devices for client viewing with exception of those provided at Service Center for Central viewing.
- City to provide unlimited data 4G (prefer Verizon or ATT) SIM card for all 4G transmission sites
- Proposal only includes products and services specifically listed in BOM and SOW
- No fiber cabling product or labor has been included in this proposal.

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HUB: 1202542335600₂₂



F. FORECASTED PROJECT SCHEDULE

STS360 has assembled the following project schedule based on Award and Purchase Order the week ending 1/1/2021.

This page is an overview, the following page is to demonstrate further details of the forecasted schedule with the following disclaimer:

*“Camera System Deployment for the Town of Addison is Contingent upon Network, Power, and Personnel Available at scheduled times of Deployment. STS360 is not liable for delays related to fulfillment of the aforementioned Requirements.
Link to Live Project Schedule Table Available Upon RFP 21-05 Award to STS360.”*

PHASE 1 - PRE-SITE ANALYSIS

This phase is dedicated to photographing, analyzing the existing equipment and making a surface level assessment of all facilities pertinent to the project. Initial Rough Deployment Drawings are prepared.

PHASE 2 - PROCUREMENT / DELIVERY / STAGING - STARTS 01-01-2021 (OR AWARD DATE) / ENDS 01-22-2021

Procurement

This phase is dedicated to processing the Purchase Order Awarded STS360, fulfillment of product orders, coordinating logistics with distribution, and making STS360 Warehouse aware of the incoming shipment. Any queries regarding the status of product shipments may be sent to Purchasing@sts360.com at the leisure of the Town of Addison.

Delivery

STS360 Warehouse fields all delivered equipment, qualifying and testing deliveries at the STS360 warehouse and lab

Staging

When staging the inventory for deployment, Warehouse/IT Solutions prepare asset tags for the products and store them with their allocated facility space. This provides for efficient pickup by our Implementation Team. During Staging, some product, such as Servers or other Programmable goods may embark upon their “In-House Implementation” Phase, as STS360 IT Solutions will pre-program IP addresses and any software licenses necessary based on the provisions of The Town of Addison.

PHASE 3 - IMPLEMENTATION - STARTS 01-13-2021 / ENDS 05-31-2021

In-House Implementation – 01/13/2021 – 01/29/2021

This phase involves the establishment of all Software Licenses, IP Addresses, and Initial Programming that is required or otherwise the responsibility of STS360. STS360 IT Solutions and Project Management establish the required deadlines to complete the project in full and set weekly meetings to review the current status both in-house and in the field.





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Carrollton, TX 75010
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On-Site Implementation – 01/25/2021 – 05/31/2021

Upon receiving the Project, it is the responsibility of the Project Management team to establish contact with the Town of Addison to determine which Points of Contact will be available for scheduling site work. As STS360 desires to respect the working hours, and maintain a minimal impact on your environment, it is first our goal to ensure we can communicate conveniently with the responsible parties of each facility.

Following this connection, the STS360 Project Team evaluates the initial drawings, visits the sites again to note anything important prior to physical installation. This could be discovering a difficult pathway or establishing a plan to ensure the design is met per the customer’s requirements.

Next, the Field Operations manager will determine the process approach to each facility with a proactive approach, for example, if waiting on the server delivery, the Field Operations Manager may schedule the pre-wiring of each door, installation of product as it arrives, and when able, will begin converting door hardware and “turning on” each facility.

PHASE 4 - COMPLETION /SUBMITTALS STARTS 01-13-2021 / ENDS 06-15-2021

This phase is initiated from the beginning of the project as STS360 builds project and system documentation for submission. As each site is completed, this portion of the project schedule is dedicated to walking through each site with a Representative of STS360 Projects Team, a Town of Addison Stakeholder, and anyone else the Town may deem.

Items to take note of are:

1. Does the camera capture the initially requested view?
2. Is the installation clean and professional in appearance?
3. Does the software properly display the camera names as desired?
4. Are the users who are able to see/export video authorized?

STS360 will entertain additional closeout procedure requests within a fiscally reasonable and acceptable range.

Upon each site sign-off, STS360 will prepare the release of Invoice for the accomplished work. Terms are Net 30.

Next Page....Forecasted Project Schedule - Itemized

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RFP 21-05 - Project Schedule - Security Cameras

Live Operations Table dedicated to Town of Addison Security Deployment Contingent upon Networking and Power Requirements. STS360 is not liable for delays related to fulfillment of Networking and Power Requirements.

FORECASTED DO PROJECTED SCHEDULE (FORECASTED AWARD JAN 1ST 2020)

INITIATION

Name	Location	Pre-Inst. Available Start	Pre-Inst. Available End	Values	Pickups	Plotted Map	Est. Cam	Est. Cam	New Cameras	Revised	PEA Progress	Quote	Quoted	Delivery Order	PO #
Police Department	4796 Airport Pkwy, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	42	18	80	1	100%	Quote	RFP 21-05	12243	
Town Hall	5300 Bell Line Rd, Dallas, TX 75254	2020-11-12	2020-11-12	Install	Install	Install	2	2	1	100%	Quote	RFP 21-05	12243	12243	
Trinade	5300 Bell Line Rd, Dallas, TX 75254	2020-11-10	2020-11-10	Install	Install	Install	2	2	1	100%	Quote	RFP 21-05	12243	12243	
Athletic Club	2600 Bethway Dr, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	21	17	36	1	100%	Quote	RFP 21-05	12243	
Airport	18051 Addison Rd, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	8	8	1	100%	Quote	RFP 21-05	12243	12243	
Airfield IP camera	18051 Addison Rd, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	29	29	1	100%	Quote	RFP 21-05	12243	12243	
Conference & Training Center	18650 Addison Rd, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	17	16	36	1	100%	Quote	RFP 21-05	12243	
Service Center	18601 Westgrove Dr, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	9	9	2	100%	Quote	RFP 21-05	12243	12243	
Treehouse	14881 Minkley Road, 3rd Floor, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	15	15	1	100%	Quote	RFP 21-05	12243	12243	
Fire Station 1	4790 Airport Pkwy, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	6	6	1	100%	Quote	RFP 21-05	12243	12243	
Fire Station 2	3602 Bethway Dr, Addison, TX 75001	2020-11-10	2020-11-10	Install	Install	Install	6	6	1	100%	Quote	RFP 21-05	12243	12243	
Oak's North Neighborhood	32 500005552475_06 6153003099976	2020-11-12	2020-11-12	Install	Install	Install	3	3	3	100%	Quote	RFP 21-05	12243		
Circle Park	4870 Addison Cir, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	24	24	1	100%	Quote	RFP 21-05	12243	12243	
Green Park	4130 Bell Line Rd, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	4	4	2	100%	Quote	RFP 21-05	12243	12243	
Bethway Trail	32 9514234811625_06 6418726281888	2020-11-12	2020-11-12	Install	Install	Install	4	4	2	100%	Quote	RFP 21-05	12243	12243	
Bouquet Park	18675 Quorum Dr, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	3	3	3	100%	Quote	RFP 21-05	12243	12243	
Cedarleaf Park	5501 Cedarleaf Rd, Dallas, TX 75254	2020-11-12	2020-11-12	Install	Install	Install	2	3	2	100%	Quote	RFP 21-05	12243	12243	
Community Center	2600 Bethway Dr, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	4	4		100%	Quote	RFP 21-05	12243	12243	
Lee's Linear Park	3301 Bethway Dr, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	4	4	2	100%	Quote	RFP 21-05	12243	12243	
Reading Trail Dog Park	14677 Minkley Rd, Dallas, TX 75244	2020-11-12	2020-11-12	Install	Install	Install	2	2	1	100%	Quote	RFP 21-05	12243	12243	
Spauld Park	4938 Marzuc Ave, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	4	4	1	100%	Quote	RFP 21-05	12243	12243	
Town Park and Dog Run	2702 Sayers Drive, Addison, TX 75001	2020-11-12	2020-11-12	Install	Install	Install	4	4	2	100%	Quote	RFP 21-05	12243	12243	
Yakavon Park Bridge & Amphitheatre	32 6349007610395_06 6904496643088	2020-11-12	2020-11-12	Install	Install	Install	5	5	1	100%	Quote	RFP 21-05	12243	12243	
White Rock Creek Trail	32 6038751266507_06 6906299682702	2020-11-12	2020-11-12	Install	Install	Install	2	2	1	100%	Quote	RFP 21-05	12243	12243	
Whisper Park	32 6030652265776_06 691142788572733	2020-11-12	2020-11-12	Install	Install	Install	1	1	1	100%	Quote	RFP 21-05	12243	12243	
							96	183	318	34	100%				



RFP 21-85 - Project Schedule - Security Cameras
Live Operations Table dedicated to Town of Addison Security Deployment, Contingent upon

FORECASTED DO PROJECTED SCHEDULE (FORECASTED AWARD JAN 1ST 2020)

Name	PURCHASING Start	PURCHASING End	PO Processing	Product Orders	Est Delivery	Product Storage	Quality Assurance	Product Staged	Est Purch Complete	Purchasing Complete	Purchasing Completion
Police Department	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Town Hall	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Finance	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Athletic Club	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Airport	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Airfield Perimeter Cameras	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Conference & Theater Center	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Service Center	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Warehouse	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Fire Station 1	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Fire Station 2	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Oak North Neighborhood	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Circle Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Grove Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Bellevue Trail	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Bonanza Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Celestial Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Community Garden	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Les Lac Linear Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Reading Trail Dog Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Signal Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Town Park and Dog Run	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Vitusen Park Bridge & Amphitheatre	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
White Rock Creek Trail	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
Winwood Park	2021-01-01	2021-01-22	Done	Delivered	2021-01-22	ST S360 Warehouse	Satisfactory	Product Staged	2021-01-22	Complete	100%
	2021-01-01	2021-01-22			2021-01-22				2021-01-22	100%	

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TOWN OF ADDISON
RFP 21-85 - FORECASTED PROJECT SCHEDULE

DATE: 12/11/2020

RFP 21-85 - Project Schedule - Security Cameras
Live Operations Table dedicated to Town of Addison Security Deployment, Contingent upon

FORECASTED DO PROJECTED SCHEDULE (FORECASTED AWARD JAN 1ST 2020)

Name	In-House Timeline Start	In-House Timeline End	Est. Total Progm Hrs	Est. Progm Days	Est Server Progm Hrs	Program Servers	Est Cam Progm Hrs	IP Cameras	Configure Cameras	In-House Complete	In-House Completion
Police Department	2021-01-13	2021-01-29	26	4	6	Done	20	Done	Done	Done	100%
Town Hall	2021-01-13	2021-01-29	7	1	6	Done	1	Done	Done	Done	100%
Finance	2021-01-13	2021-01-29	7	1	6	Done	1	Done	Done	Done	100%
Athletic Club	2021-01-13	2021-01-29	19	3	6	Done	13	Done	Done	Done	100%
Airport	2021-01-13	2021-01-29	9	2	6	Done	3	Done	Done	Done	100%
Airfield Perimeter Cameras	2021-01-13	2021-01-29	16	2	6	Done	10	Done	Done	Done	100%
Conference & Theater Center	2021-01-13	2021-01-29	18	3	6	Done	12	Done	Done	Done	100%
Service Center	2021-01-13	2021-01-29	15	2	12	Done	3	Done	Done	Done	100%
Firehouse	2021-01-13	2021-01-29	11	2	6	Done	5	Done	Done	Done	100%
Fire Station 1	2021-01-13	2021-01-29	8	1	6	Done	2	Done	Done	Done	100%
Fire Station 2	2021-01-13	2021-01-29	8	1	6	Done	2	Done	Done	Done	100%
Oaks North Neighborhood	2021-01-13	2021-01-29	19	3	18	Done	1	Done	Done	Done	100%
Circle Park	2021-01-13	2021-01-29	14	2	6	Done	8	Done	Done	Done	100%
Grove Park	2021-01-13	2021-01-29	14	2	12	Done	2	Done	Done	Done	100%
Bethelway Trail	2021-01-13	2021-01-29	14	2	12	Done	2	Done	Done	Done	100%
Bonsai Park	2021-01-13	2021-01-29	19	3	18	Done	1	Done	Done	Done	100%
Celestial Park	2021-01-13	2021-01-29	13	2	12	Done	1	Done	Done	Done	100%
Community Garden	2021-01-13	2021-01-29	2	1	0	Done	2	Done	Done	Done	100%
Les Lacs Linear Park	2021-01-13	2021-01-29	14	2	12	Done	2	Done	Done	Done	100%
Reading Trail Dog Park	2021-01-13	2021-01-29	7	1	6	Done	1	Done	Done	Done	100%
Spruill Park	2021-01-13	2021-01-29	8	1	6	Done	2	Done	Done	Done	100%
Town Park and Dog Run	2021-01-13	2021-01-29	14	2	12	Done	2	Done	Done	Done	100%
Vitusian Park, Bridge & Amphitheatre	2021-01-13	2021-01-29	8	1	6	Done	2	Done	Done	Done	100%
White Rock Creek Trail	2021-01-13	2021-01-29	7	1	6	Done	1	Done	Done	Done	100%
Winwood Park	2021-01-13	2021-01-29	7	1	6	Done	1	Done	Done	Done	100%
TOTAL	2021-01-13	2021-01-29	304	46	284		100				100%

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RFP 21-05 - Project Schedule - Security Cameras
Live Operations Table dedicated to Town of Addison Security Deployment, Contingent upon
FORECASTED DO PROJECTED SCHEDULE (FORECASTED AWARD JAN 1ST 2020)

Name	Onsite Timeline Start	Onsite Timeline End	Est. Labor Hrs	# of Teams	Est. Labor Days	Est. Cabling Days	Conduit	Cabling	Est Mounting Days	Mounting	VMS Programming	Onsite Complete	On-Site Completion
Police Department	2021-01-25	2021-05-31	167	2	11	8	Done	Done	3	Done	Done	Done	100%
Love Hall	2021-01-25	2021-05-31	14	2	1	1	Done	Done	1	Done	Done	Done	100%
France	2021-01-25	2021-05-31	14	2	1	1	Done	Done	1	Done	Done	Done	100%
Athletic Club	2021-01-25	2021-05-31	111.5	2	7	6	Done	Done	2	Done	Done	Done	100%
Airport	2021-01-25	2021-05-31	32	2	2	2	Done	Done	1	Done	Done	Done	100%
Airfield / Rampster Cameras	2021-01-25	2021-05-31	55	2	6	5	Done	Done	2	Done	Done	Done	100%
Conference & Theater Center	2021-01-25	2021-05-31	107.5	2	7	6	Done	Done	2	Done	Done	Done	100%
Service Center	2021-01-25	2021-05-31	35	2	3	2	Done	Done	1	Done	Done	Done	100%
Trethouse	2021-01-25	2021-05-31	45.5	2	3	2	Done	Done	1	Done	Done	Done	100%
Fire Station 1	2021-01-25	2021-05-31	28	2	2	1	Done	Done	1	Done	Done	Done	100%
Fire Station 2	2021-01-25	2021-05-31	28	2	2	1	Done	Done	1	Done	Done	Done	100%
Oaks North Neighborhood	2021-01-25	2021-05-31	17	2	2	1	Done	Done	1	Done	Done	Done	100%
Circle Park	2021-01-25	2021-05-31	60	2	6	4	Done	Done	2	Done	Done	Done	100%
Grove Park	2021-01-25	2021-05-31	20	2	2	1	Done	Done	1	Done	Done	Done	100%
Beltway Trail	2021-01-25	2021-05-31	20	2	2	1	Done	Done	1	Done	Done	Done	100%
Dorsey Park	2021-01-25	2021-05-31	17	2	2	1	Done	Done	1	Done	Done	Done	100%
Crestfall Park	2021-01-25	2021-05-31	17	2	2	1	Done	Done	1	Done	Done	Done	100%
Community Center	2021-01-25	2021-05-31	20	2	2	1	Done	Done	1	Done	Done	Done	100%
Las Lajas Linear Park	2021-01-25	2021-05-31	20	2	2	1	Done	Done	1	Done	Done	Done	100%
Redwing Trail Dog Park	2021-01-25	2021-05-31	14	2	1	1	Done	Done	1	Done	Done	Done	100%
Signal Park	2021-01-25	2021-05-31	20	2	2	1	Done	Done	1	Done	Done	Done	100%
Love Park and Dog Run	2021-01-25	2021-05-31	20	2	2	1	Done	Done	1	Done	Done	Done	100%
Whitman Park Bridge & Amphitheatre	2021-01-25	2021-05-31	23	2	2	1	Done	Done	1	Done	Done	Done	100%
White Rock Creek Trail	2021-01-25	2021-05-31	14	2	1	1	Done	Done	1	Done	Done	Done	100%
Wynwood Park	2021-01-25	2021-05-31	11	2	1	1	Done	Done	1	Done	Done	Done	100%
ON-SITE 1/25/2021 - 5/31/2021	2021-01-25	2021-05-31	986.5	50	73	53			31				100%

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RFP 21-05 - Project Schedule - Security Cameras
Live Operations Table dedicated to Town of Addison Security Deployment, Contingent

FORECASTED DO PROJECTED SCHEDULE (FORECASTED AWARD JAN 1ST 2020)

Name	CLOSE OUT		End User Training	Closeout Documentation	IAT Testing	Sign-Off Rep	Site Walk Sign-Off	Final Sign-Off	Invoiced	Invoice #	Invoice Date	Closeout Completion	Invoice Due Date	Progress
	Start	End												
Police Department	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Town Hall	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Leone	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Athletic Club	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Airport	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Airfield Parameter Cameras	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Conference & Theater Center	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Service Center	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Firehouse	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Fire Station 1	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Fire Station 2	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Olms North Neighborhood	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Circle Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Greens Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Beltway Trail	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Douglas Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Celestial Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Community Garden	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Las Lomas Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Redwing Trail Dog Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Sherid Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Lower Park and Dog Run	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Vinson Park Bridge & Amphitheatre	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
White Rock Creek Trail	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
Willowood Park	2021-01-13	2021-06-15	Done	Submitted	Complete	CITY REP	Signed	Invoiced	INVI 2345			100%		100%
	2021-01-13	2021-06-15										100%		100%

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G. TECHNICAL OVERVIEW

STANDARD FEATURES OFFERED BY PANASONIC I-PRO EXTREME CAMERA LINE

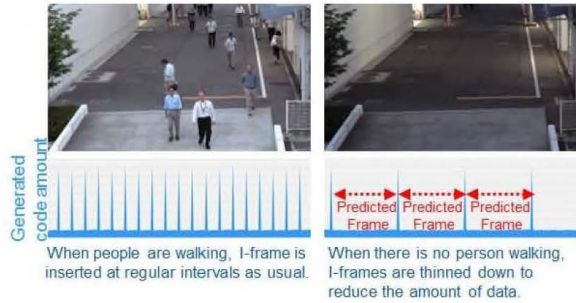
1. SMART CODING

Smart coding technology reduces the bitrate of a video stream to achieve lower bandwidth consumption and smaller file sizes. The GOP function ensures that the I-frame of image data is not created in static areas. The VIQS feature of smart coding pairs with the GOP function to ensure that areas of movement are recorded normally, but any image of static areas is highly compressed to deliver a 70%* decrease in bandwidth. The FDF (Frequency divided filter) function works in conjunction with the 3D-MNR to greatly reduce noise in areas of low illumination, contributing to the low bitrate of a stream. Through Panasonic's Smart Coding technology, you can also expect a reduction of data storage needs by up to 70%*. The extremely large reduction in both bandwidth and file size provided by Smart Coding promises to minimize the cost of operating a high spec security system whilst maintaining fantastic quality.

		Smart Coding : OFF	Smart Coding : ON	Compression
Day Time	Stationary (No moving object)	 1255kbps	 140kbps	1/9
	Moving (Passing Train)	 2365kbps	 432kbps	1/6
Night Time	Stationary (No moving object)	 4007kbps	 257.4kbps	1/1.4
	Moving (Passing Train)	 5447kbps	 3480kbps	1/1.4

Encoding Load Reduction

Traditional H.264 compression is comprised of I-Frame, which records all video information, and other frames that depict the difference. Although information encoded at regular intervals with I-Frame is necessary, collecting all the data will increase the size of the data file. While maintaining smooth, high quality video, Smart Coding reduces the size of the file by cropping the motionless I-Frame scenes. Reducing the size of the data file extends the recording duration and reduces the bandwidth load on the network.



Auto-VIQS (Variable Image Quality on Specified Area)

Auto-VIQS automatically separates moving areas from stationary areas and reduces the image quality of low motion areas to save bandwidth by learning and defining moving areas intelligently over time. As Auto-VIQS learns, it controls the images to keep original image quality in moving areas while compressing the stationary areas to reduce data sizes.



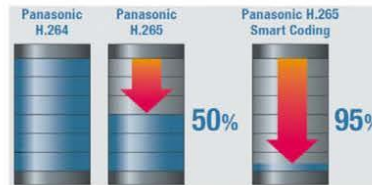
Noise Reduction

	
<p>FDF (Frequency Divided Filter): Removes fine noise generated under low illumination to achieve a low bit rate.</p>	<p>3D-MNR (3D-Multi-process Noise Reduction): Removing grain noise generated under low illumination to achieve a low bit rate.</p>

2. EXTREME VIDEO COMPRESSION

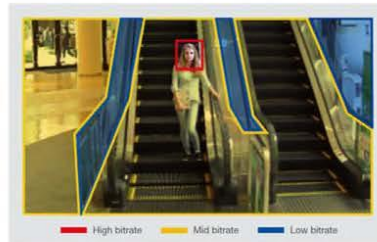
H.265/Video Compression + PANASONIC's Smart Coding Technology

Combining H.265/Video Compression with Panasonic Smart Coding Technology reduces bandwidth by maximum 95%* of conventional H.264/Video Compression. This security system maintains the quality of moving images while reducing bandwidth and storage costs.
*Value in Advanced Mode and depends on scene



Intelligent Face Compression

The camera automatically determines what portion of the footage is important, such as moving objects and people's faces, and what is not important. The quality of the unimportant sections of the image is reduced without compromising the quality of the important section of the image. This system optimizes the data size to be transmitted. On top of integrating Smart Coding into the conventional GOP Controls, the improved compression efficiency through Auto-VIQS and Long-Term Compression combined with Smart Facial Coding which detects faces and maintains the quality of only faces, can compress the file drastically and reduces the data size.



3. EXTREME DATA SECURITY

Communication Encryption with Symantec Device Certificates (SSL/TLS)

In today's multi-device network environments, Machine 2 Machine (M2M) and IoT devices are at risk of attack. As we are on the verge of 5G networks, the risks around IoT devices will grow dramatically. That is why i-PRO's Secure Communication Suite ensures powerful end-to-end IP security for i-PRO Extreme based surveillance networks, and robust authentication using Symantec Device Certificates. The company relationship began in roughly 2015 and continues to expand.



4. CLEARSIGHT RAINWASH COATING

Water drops stick to the dome cover on conventional cameras and hinder the shooting of clear images. Our ClearSight Coating models are coated to repel water drops in order that the camera captures clear images when it is raining.

The ClearSight coating is also effective at repelling dirt, which reduces the frequency of needing to clean the dome cover. It is applicable to Clear and Smoked Domes.





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ACQUISITION OF NEW SOFTWARE – ENTERPRISE VIDEO MANAGEMENT SYSTEM

To implement a modern Video Management Software across the Town of Addison, STS360 has proposed Video Insight 7. This industry known, easy to use, flexible VMS provides third party plug-in capability, comprehensive viewing of video, access control, and analytics.

Key Benefits of Video Insight 7

Lower Total Cost of Ownership (TCO)

Affordability, flexibility, and the eradication of annual maintenance costs are what set Video Insight apart from the rest. VI's simple licensing structure ensures that its clients get a complete solution which provides them with the most cost-effective, enterprise class VMS solution on the market today.

Integrated Access Control

VI7 is bundled with an enterprise level access control platform known as MonitorCast at no additional cost. This access control solution offers seamless integration with VI MonitorPlus, for enhanced unified functionality. Support for popular access control platforms as well includes but is not limited to: AMG, Badge Pass, Blackboard, Continental, Infinias, Isonas, Lenel 7.1/7.2, IS200, Open Options, Paxton, CCure, DSX, Gallagher, Maxxess, RBH Axiom, S2, and more.

The Complete Enterprise Solution

VI7 offers the most comprehensive list of features, clients, and tools that are all included in the cost of its straightforward licensing. This Enterprise platform offers unparalleled scalability & performance, while being ultra-efficient, helping you to reduce hardware overheads while simultaneously increasing your overall site awareness.

Flexible Server / VM Ready

VI7 runs on all Windows Pro & Server Class operating systems as a standalone server application. VI provides you with complete server flexibility. Whether your ecosystem consists of physical servers, a virtual machine, or a combination of both, VI can easily be configured to run on either platform.

New Modular Architecture

VI MonitorPlus utilizes a fully modular architecture allowing for greater stability, faster software updates, quicker software upgrades, and even the implementation of new industry specific features through Plug-ins.

Storage Flexibility

Whether you are deciding on purchasing new storage hardware or utilizing existing infrastructure to expand your retention capabilities, Video Insight provides you with unprecedented flexibility, allowing you to utilize, almost any NAS, or SAN device commercially available on the market.

Legendary Support

Video Insight stands behind its clients by providing them with unrestricted access to its U.S Based technical support department. The dedicated VI support staff will aid with general trouble shooting, configuration, and remote assistance support seven days a week.

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VI7 SUITE COMPONENTS

VI MonitorPlus

An Enterprise VMS Client that allows centralized IP camera viewing and management from any server with quick viewing live and recorded video from any camera, easy to use, intuitive video management software, and support for 4100+ IP camera models from 150+ manufacturers

New User Interface

Designed around efficiency & speed the completely redesigned VI Monitor Plus UI simplifies and reduces menu clutter, while placing your camera views in the forefront where they should be.

Plug-in Ready.

Additional features can be installed to VI MonitorPlus so the administrator can allow users to expand the functionality of the video surveillance system to include new software features developed by 3rd Parties.

Hardware acceleration support

Now CPU intensive task such as video transcoding can be allocated to a workstations GPU freeing up a great deal of resources, thus making VI7 more scalable than ever before. (Nvidia Maxwell, and Intel integrated graphics currently supported)

Full H.265 support

H.265 is conservatively 50% more bandwidth efficient than H.264, saving precious network and storage resources. Keeping that efficiency in mind, VI7 currently has the most comprehensive support for H.265 enabled cameras on the market and combined with the Smart Coding in i-Pro Extreme Cameras, storage costs will be heavily reduced.

ROI (Region of Interest) Motion Searching

Smart Search – Region of Interest allows a user to quickly search hours of video in seconds by highlighting a region of interest and instantly seeing any events which occurred in that space.

Expanding Storage with Arbitrator Cloud

Offload any archived video file from your Video Insight system off to the secure Arbitrator Cloud which can also be used for video integration with the Arbitrator Body Camera Wearable and In-Car Mounted Cameras. This can also easily add footage to Arbitrators latest Unified Evidence Management System.

Easily Shared Footage

Simple trim, clip, and export functionality for sharing incidents.

Full PTZ Functionality

Easily maneuver PTZ cameras from your workstation, tablet, or mobile phone.

Continued...

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Customizable Facility Maps



Dynamic Camera Controls



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Synchronized Layout Playback



VI MonitorPlus System Requirements

Minimum specifications depend on the number of simultaneous live images displayed. VI Monitor receives compressed data and uses the local CPU to decompress and display. When viewing a single image almost any Windows based PC will work. As the number of cameras or resolution increases, so do the systems requirements. If the workstation is capable, the IP Server will send all requested images to VI Monitor, but if the local system is not capable of decompressing the images, the Server will automatically adjust the FPS to lower rate.

<u>Component</u>	<u>Minimum</u>	<u>Recommended</u>
Processor	2.0 GHz dual core	2.4 GHz quad-core
Memory	4 GB	8 GB+
Video	256 MB	1 GB
Network	100 Mb/s	1 Gb/s+
Display Resolution	1600 x 900	1920 x 1080 or higher
OS	Win 7, 8, or 10	Win 7, 8, or 10

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VI7 Web Client

The Video Insight Web Client is easy to use offering full functionality of Video Insight's Video Management Software such as viewing live video from cameras on multiple servers in the same layout and recorded video as well.



Centralized Server and Camera Management

Manage any server on your network through the easy-to-use left hand navigation tree. Create custom "Views" showcasing up to 36 cameras per layout from multiple servers. Panasonic can work with the customer to expand if necessary. For easy layout management, Web Client users can connect to one server and gain access to another's live and recorded videos.

Interactive Facility Map Icons

Manage your site geographically with Facility Maps. View live cameras by hovering a mouse cursor over any Camera Icon. Admit, Unlock, or Lock any door by simply clicking on its map icon. Door icons also shift colors in real-time based on their states. Create multi-level maps with Layer Map Icons, linking one facility map to another.

Graphical Timeline

Locate, Bookmark, and Clip recorded video through VI Web Client's Graphical timeline. Preview recorded video by moving mouse cursor along the timeline. Place a Bookmark on any event of interest for later extraction. Authorized users can clip and download video files containing an encrypted watermark.

IS Load Balancing Support

In a multi-server deployment consisting of a multitude of active users, the VI Web Client fully supports IIS Load Balancing technology. Load Balancing promotes stability by monitoring your system for bandwidth spikes and then evenly distributing those spikes amongst your servers automatically.

Active Directory and LDAP Support

Import in blocks of users, as individuals or groups from your Active Directory or LDAP database. Set security credentials for users that flow across all viewing clients. Credentials can limit access to cameras, the ability to clip recorded video, or tie down certain camera functions such as the manipulation of PTZs.

Symantec Integrated Security **Symantec.**

Communication between the Web Client and the user's browser can be standard MJPEG or with the user of the Video Insight ActiveX control, can be in a secure, proprietary format. In addition, by installing an SSL certificate on the IIS, all data transmitted between the client and the server can be encrypted.

Full Camera Configuration Support

Fully configure your existing cameras or add new ones into your system. Change individual camera's recording options such as frame rate and resolution. Even add maintenance notes or configuration reminders to a specific camera's profile, all without installing software to do so.

Networking

The Web Server connects directly to the IP Server and processes via ports 4010 and 4011. The default HTTP port for user traffic is 80 but can be changed to any port in IIS configuration. In a multi-server configuration, a Web Client user can connect to Server 1 and receive live and recorded video from Server 2. Web Client users only connect to port 80 and do not connect to SQL Server or any other port. When using Internet Explorer and the optional ActiveX control, all communication between the server and the client are on ports 4010 and 4011.

Architecture

The Web Client utilized Microsoft IIS and can take advantage of additional integrated security, SSL communication and Load Balancing. The Web Client communicates with the Video Insight IP Server and users can login to any Web Client and authenticated to view live and recorded video from any server. Image processing, including down-sampling, is executed on the IIS the user is connected to. When supported by the camera, the Web Client will request a second MJPEG stream from the camera or the Web Client will transcode the video. In all cases, when two or more Web Clients are viewing the same live feed, only one connection to the camera is made. The Web Client supports all browsers and when using Internet Explorer has an optional ActiveX plugin. When using the standard, all images are transmitted as MJPEG to the client. When using High Speed mode, all images are sent using H.264.

Full Facility Map Functionality



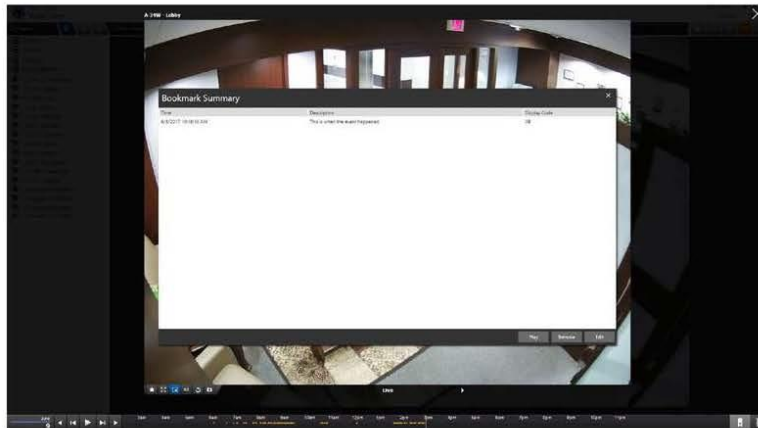


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Remote Clipping and Bookmarking



Access to Bookmark System Summary



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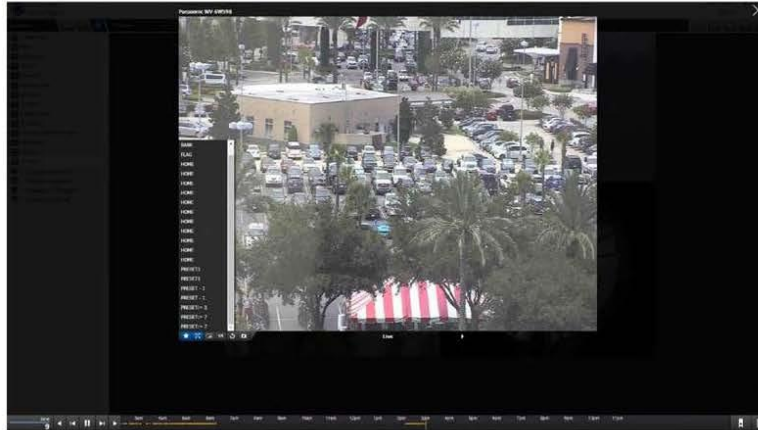


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Full PTZ Functionality Including Presets



Full Layout Options



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System Requirements

Computers that meet the minimum specifications depend on the number of simultaneous live images displayed. The Web Client receives compressed data from the IP Server and users to local CPU to decompress and display. When viewing a single image almost any Windows based PC will work. As the number of cameras or resolution increases so do the system requirements. If the Workstation is capable, the server will send all requested images to the Web Client but if the local system is not capable of decompressing the images, the Server will automatically adjust the FPS to a lower rate.

<u>Component</u>	<u>Minimum</u>	<u>Recommended</u>
Memory	512 MB	1 GB+
Video	256MB & Direct X version 5, 7 or 9, 11, 3D	512 MB
IE	IE 8	IE8+
Other Browsers	99% of All Browsers	-
Windows	32 or 64bit versions of Win 7, Win 8, Win 10, 2008 or 2012	-
Mac	Mac OS X Snow Leopard - macOS Sierra	-

Continued Next Page...V17 Mobile Client



VI7 Mobile Client

View live and recorded video from anywhere. VI Mobile lets you monitor your IP Camera Surveillance System over any wireless network using any iOS or Android Device.



Live Streaming

Full screen live access to your Video Insight IP Server managed cameras from your Android and Apple smartphone/tablet device. Stay connected viewing live activity as it happens live on all H.264/MPEG4/MJPEG cameras.

Monitor Modes

Monitor unlimited number of servers and channels from a single device with collapsible main menu in both portrait and landscape modes.

Recorded Playback

Playback of stored recordings and motion events available directly from the application easy to use playback interface. Date/ time picker option or scrollable timeline functionality can be used to navigate areas of interest for quick playback.

Image Optimization

Using Android's powerful built-in hardware acceleration option for H.264, live video and playback are enhanced for a seamless viewing experience. Requires Android OS 4.2 +.

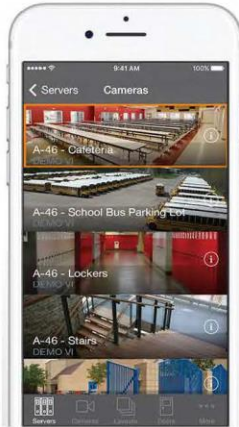
PTZ Support

Pan, tilt, and zoom support for supported cameras is available. Navigate PTZ preset support.

Server & User Tools

VI Mobile includes user convenience settings including import automation for server setup, option for unique federated login credentials, and detailed system log to monitor server and user activity. Active Directory login support included for corporate and K12 enterprise users.

Continued Next Page...Mobile Client Graphics



Live Camera Tiles:

- Camera tiles provide you with complete situational awareness over your site.
- Easily scroll through your entire layout or transition over to recorded Video with just one tap.



Recorded Video Playback:

- Quickly review recorded video from any camera on your system, based on the date and time.
- Rewind and fast-forward through the day's events in a flash to locate an event of interest.



Facility Maps:

- Manage your entire site geographically via integrated facility maps.
- Quickly jump to any camera view with one simple tap on a camera icon.



Motion Events:

- Save time reviewing recorded video by viewing any cameras motion event logs.
- Locate an event of interest through time stamped thumbnails.

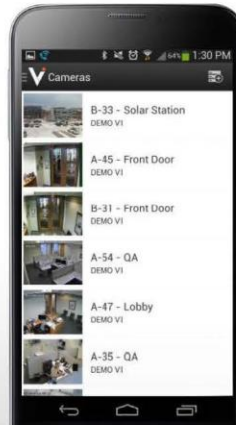




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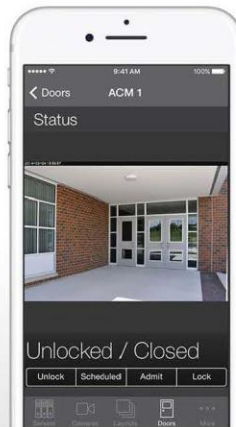
Camera Lists:

- Keep track of every camera on your system, no matter what server they may reside on with the camera list view.



Access Control Integration:

- Control who has access to your site even if you are not there with mobile access control integration.
- Admit, lock, unlock, or schedule certain doors actions all with a few taps from your iPhone or iPad.



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System Requirements

The application is available for download in app stores and logins are only permitted to users granted permission by an administrator. Accessing an installed application requires a secure login to view.

<u>Component</u>	<u>Recommend</u>
Android	Android 4.1.1 or higher
Video Insight Server	Version 5.0.43 or 5.5.14 or Higher
iOS	iOS7 or higher, VI Mobile 2 is a universal app for both iPhone and iPad

VI7 3RD Party Access Control

VI7 also supports integration with several industry leading access control manufacturers **AT NO COST**.



IP SERVER (STS360 has designed the IP Server to meet and expand Upon Requirements)

The IP Server is the heart of the Video Insight software product suite. It communicates directly with the cameras - requesting images, forwarding images to clients, and saving them for review. The Server runs as an unattended application on standalone hardware or in virtual environments. Designed for performance, the Enterprise Class application can support more than 200-megapixel cameras per OS. *Key benefits include:* Scalability, Support for all storage, Automated failover, Load balancing

Load Balancing

Video Insight stores all camera-related settings in a Microsoft SQL Server database. In multi-server configurations, a single database can be used to store all settings.

Deployment

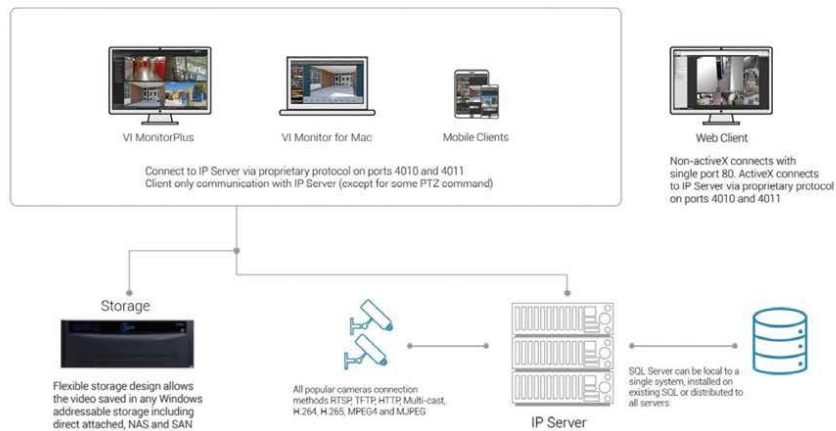
Video Insight supports distributed and centralized deployments. With increases in bandwidth, switching, and better compression, it is now possible to move the servers to a central data center.

SQL Database

Video Insight uses a Microsoft SQL Server database to store system settings, user permissions, activity, alarm, and system logs

Failover

The Video Insight Server supports Automated Failover at no additional software cost. When utilizing the Video Insight Single Database configuration, a physical or virtual server can be designated as a Failover.



IP Server System Requirements

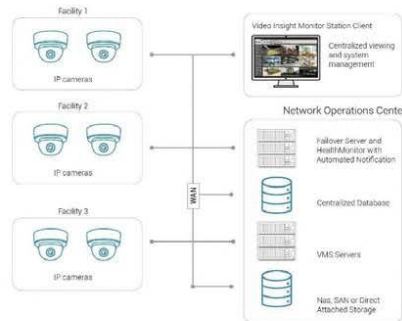
Minimum specifications depend highly on total camera load placed on each individual server, and total bandwidth availability of network which the cameras reside on.

Component	Minimum	Recommended
Processor	2.0 GHz quad-core	Dual 2.4 GHz quad-core
Memory	4 GB	8 GB+
Network	1 Gb/s	Dual-Port 1 Gb/s+
Display Resolution	1600 x 900	1920 x 1080 or higher
OS	Win 7 Pro, Win 8 Pro, Win 10 Pro	Server 2008 R2 or Server 2012 R2

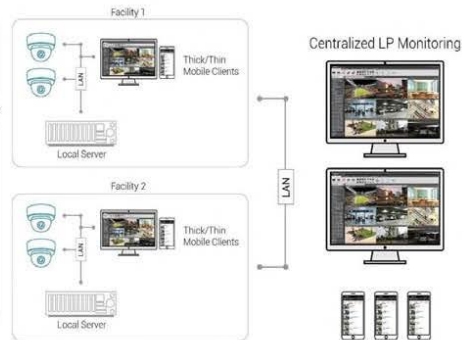
Architecture and Deployment Options

Video Insight IP Server runs as a Windows Service on 32 or 64-bit OS. Requesting images from the cameras, the IP Server processes the images for motion alarm, stores the video in a folder structure, and saves all configuration, motion, and system logs in a SQL server database. The Clients connect to the IP Server - not directly to the cameras - and the Web Client uses Microsoft Internet Information Server (IIS). From an architecture perspective, Video Insight has four components: Server; Storage; SQL and IIS - each of which can be configured several ways to adapt to your organization's needs.

Centralized Deployment

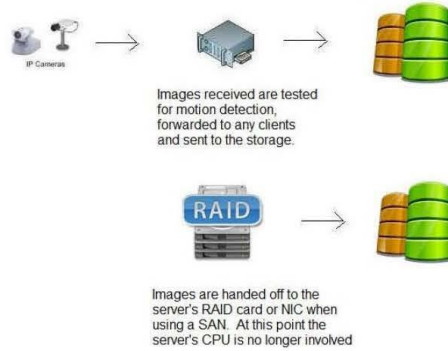


Decentralized



Storage

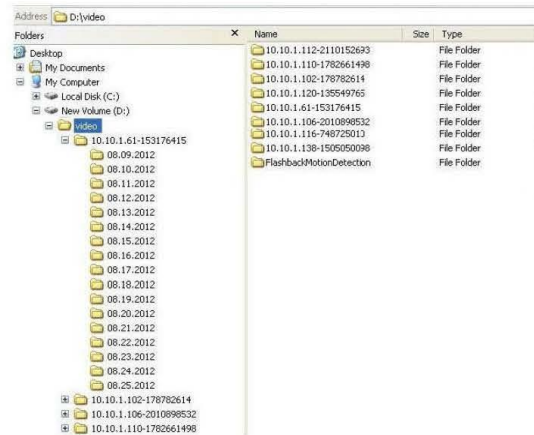
The Video Insight Server can write to a single drive, multiple drives, or each camera can be pointed to a unique drive. The Server creates a folder structure that is organized by IP address and date and time. By default, the Server will use all available storage in the designated path and overwrite the oldest video when necessary.



Using the Windows storage structure, a folder is created for each camera identified by its IP address and a unique code.

Images received from the camera are stored in containers in each folder.

The size of each container is defaulted to 800 MB, but can be adjusted up to 2TB.



Storage Requirement

The amount of storage is determined by the bitrate of each camera and how much of that will need to be saved. For example, a 1.3 Megapixel camera set at 10 FPS can be configured to stream video at 1.5 Mbits/sec and if the camera is recording motion at 50% of the time, then we can estimate we need 7 GB of storage per day.

Storage Throughput

Video Insight supports all storage that Windows can address. In addition to the size of the storage, it is necessary to confirm the storage system can handle the amount of video — otherwise video can be lost when the storage is overloaded. To calculate the maximum storage throughput, we must assume all cameras will write simultaneously and add up all camera bitrates. Since most storage systems refer to their maximum simultaneous write speeds in Mbytes, divide the total camera traffic by 8 to convert it to MB. For example, let us assume you have 100 cameras that will stream at 3Mbits/sec or a total of 300Mbits and we expect them to record 50% of the time. The storage system must be able to write 37.5 MB/sec at its maximum. Video Insight has developed a storage speed test to confirm

Types of Drives

Hard drive manufacturers offer a wide variety of drives, offering different speeds and MTBF rates. When selecting drives, consider that video surveillance applications write data continuously, but have far fewer read requests. This differs from typical file server operations where the hard drive is reading and writing simultaneously.

RAID

To provide the maximum protection to your data, we have used RAID5 with a designated Hot Spare. RAID5 allows for a single drive to fail without data loss and by designating a Hot Spare, the system will automatically rebuild the RAID on failure. We have ensured your RAID card can handle the camera's traffic as described above and for larger future deployments, hardware-based RAID with onboard cache is preferred by VI7 and we have incorporated it into our design.

Brands

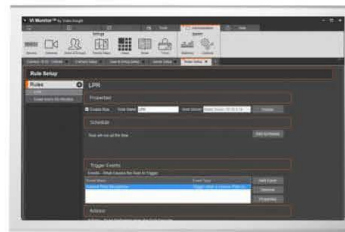
The Video Insight Server supports all Windows addressable storage. Current customers are using storage solutions from Dell, EMC, HP, Isilon, and others.



Active Directory

User Management

Video Insight includes a standalone user management system or integration with Active Directory, LDAP, and Novell eDirectory. When using AD or LDAP, administrators create an active connection to the AD Server providing real time authentication.





Features

- Create Individual Users
- Assign Users to Groups
- Assign Granular Permissions for Live, Recorded, Controlling PTZ, PTZ Prioritization, Clip Creation, Viewing Facility Maps, Layouts
- Restrict Administrator Privileges
- Link permissions to AD Users or Groups
- Active integration authenticates each request to the AD Server
- Works across all clients including Monitor Station, Web Client and Mobile
- Single User Management works across multiple servers
- Federated Login option for Monitor Station allows login to unassociated systems
- Supported User Directories
- Video Insight Users and Groups
- Active Directory
- LDAP
- Novell eDirectory

Virtualization

Video Insight supports all virtualization platforms, including VMware, Microsoft Hyper-V, and Citrix XenServer. Virtualizing your surveillance allows you to leverage existing infrastructure as well as create a perfect environment to test and deploy.

Deployed Virtual Environments:

- VMware EXS, EXSI, vSphere Server 5
- Citrix XenServer 6
- Microsoft Hyper-V 2008 and 2012

Benefits:

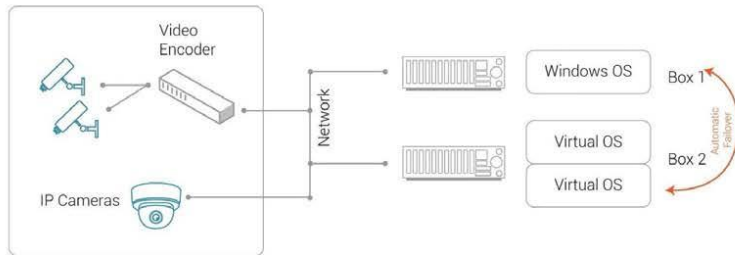
- Maximize server hardware
- Quick Deployment of Video Insight Servers
- Multiple virtual OSES can share memory and CPU
- Virtual load balancing and failover
- Leverage existing server hardware like blade servers
- Easy backup and maintenance with snapshots
- Add existing storage
- Combine storage from multiple hosts into one logical shared drive
- Create VM's for each campus
- Easy migration between hardware
- Easy hardware migration as system expands
- Create a Video Insight template for rapid deployment
- Transparent to the users



Failover

The Video Insight Server supports Automated Failover at **no additional software cost**. When utilizing the Video Insight Single Database configuration, a physical or virtual server can be designated as a Failover. This server will monitor the other servers and inherit the cameras of a failed device.

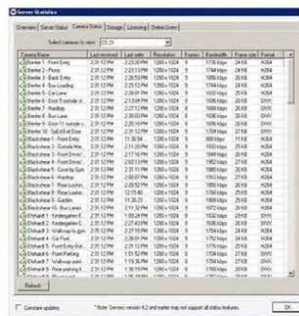
For example, if we have the five servers with one designated as a Failover, when one of the four stops writing information to the SQL database, the Failover Server will assume the role of the failed server and all camera traffic will now be associated with that server. Once the failed server is put back into service, restarting the primary server will move the cameras back to their original location.



Administration

The Monitor Station client is used to configure and administer Server settings. In addition, the Monitor Station provides administrators a robust set of tools to optimize server performance including bit rates, last image received, FPS, and resolution.

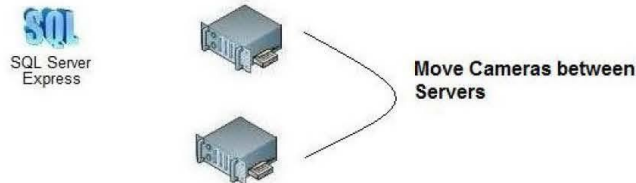
Video Insight Server and Clients are upgraded with a single Setup.exe. Updates do not require existing applications to be removed, and includes automated update distribution



Load Balancing

Video Insight stores all camera-related settings in a Microsoft SQL Server database. In multi-server configurations, a single database can be used to store all settings. Using a centralized database has several benefits including automated failover, but it also allows administrators to easily move cameras between servers. For example, let us assume you have 100 cameras spread across two equally sized servers, but one of the servers is only keeping 20 days of recorded history instead of the desired 30

days. Using the Camera Setup tab, you can easily move cameras between servers with a few mouse clicks.



Software Development Kit

The Video Insight Software Development Kit (SDK) is an application programming interface that provides the ability for third-party software developers or supported OEMs to develop their own client-side applications to access live and recorded video from Video Insight servers via an interface provided by Video Insight.

SDK Details

The SDK application programming interface is supported by Video Insight and is used by our Web Client as an Active X control. This support guarantees the developer that the interface is used by our main product lines. As new cameras, compression types and functionality are added to our main product line, this Active X will be updated in a manner that the existing code will be functional with new server features.

Wide camera library: Video Insight supports over 3,000 cameras from 100 manufacturers.

Add video: The SDK makes it easy to add video functionality to security systems—all that is needed is a basic understanding of .NET.

For developers, the SDK is available free of charge.

SDK Support is available. (Variable fees will apply based on hours of support requested).

SDK Supports a Set of Functions Highlighted Below

1. Retrieve a list of cameras, with the user's appropriate live, playback, and PTZ permissions if security is enabled. If security is not enabled, the complete list of cameras at the server is returned.
2. Show resizable live video in a new window or in the same window.
3. Look up a camera's recorded video files.
4. Play recorded video in a new window or in same the window, both resizable, and with or without player controls. Player control buttons and the slider bar are fully customizable.
5. Send pan-tilt-zoom operation commands to PTZ cameras and recall presets if available.
6. Send SDK events to trigger predefined rules at the server.
7. Send a command to the IP Server 4.1.5 to fix a corrupt video file.

SQL Database

Video Insight uses a Microsoft SQL Server database to store system settings, user permissions, activity, alarm, and system logs. Video is not stored in the SQL Database, so the database can be installed locally on the server and multiple servers can utilize one database. In addition, the SQL Database can be installed in a central location for multiple systems to share. When using the Monitor Station users do not see a difference when using a single or multi-database configuration. Microsoft SQL Server Express is installed during the standard installation of Video Insight. For installations that have existing SQL Servers already running, the Video Insight Servers can utilize a single database providing additional redundancy of the database.

Benefits of a Single Database Configuration When Using Multiple Servers

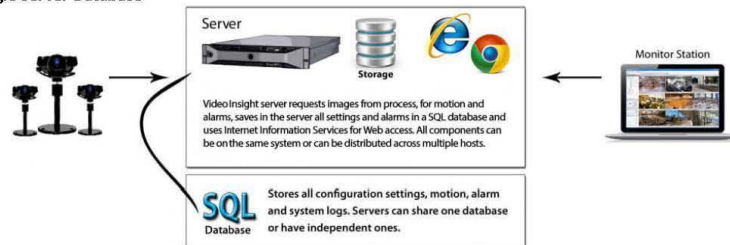
- Central Administration
- Simplified User and Group Management
- Automated Failover
- Load Balancing

Typical Size of a Database

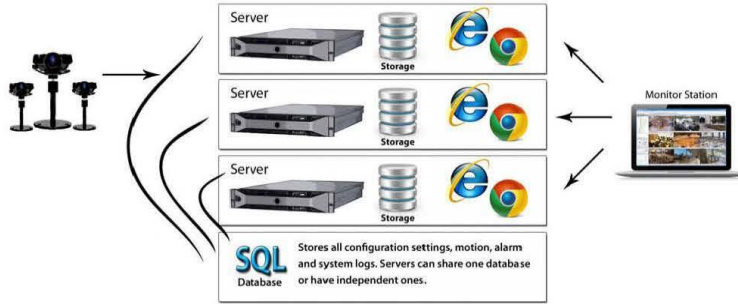
- 20 Cameras - 10 MB
- 200 Cameras - 500MB
- 500 Cameras - 1 GB
- 1,000 Cameras - 2 GB
- 5,000 Cameras - 10 GB

The database size will vary based on the amount of motion alarms. In environments with higher motion activity, the actual size of the database could be larger.

Single Server Database



Multi-Server Shared Database



Multi-Server Multi-Database



IIS

Video Insight utilizes Microsoft Internet Information Services (IIS) to power the Web Client. IIS is installed as a component of Windows and simply needs to be enabled for most OS versions. Each Video Insight Server will utilize IIS on the local server, and with the use of a shared database, can power the Web Client for use with any server load-balancing. Administrators can point users to a single URL address and the Video Insight Server with IIS will pull the live and recorded video from the appropriate server. For load balancing purposes, groups of users can be pointed to different Video Insight Servers. This decreases the amount of inter-server traffic.

Specifications

Video Insight supports all the IIS versions of the supported Operating Systems.

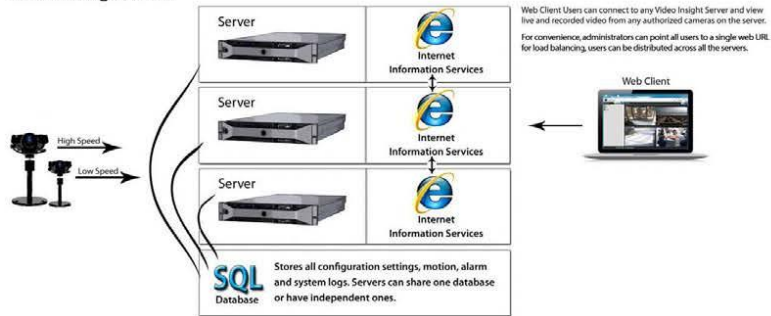
Performance Metrics

The Video Insight Web Client supports two transmission methods referred to as Low and High-Speed

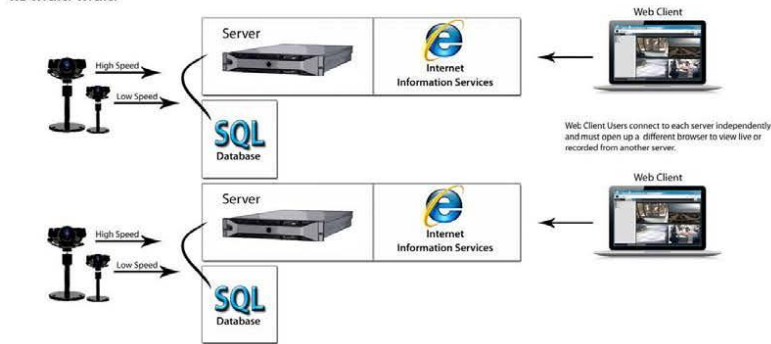
mode. When using Low Speed mode, the Web Client receives MJPEG images and when in High-Speed mode, the client receives the camera's native compression. IIS handles the transmission, and its process is not CPU intensive.

When considering the number of Web Client users per server, the most important consideration is the cumulative bandwidth required.

IIS Multi-Single Server



IIS Multi-Multi



Single Server



Centralized

Video Insight supports distributed and centralized deployments. As an example, let us use a school City that has 25 campuses. Traditionally, this required each campus to have servers, requiring space, power, security, and air conditioning. With increases in bandwidth, switching, and better compression, it is now possible to move the servers to a central data center.

Benefits include:

- Reduced capital investment
- Increased camera count per server with up to 200 cameras per OS
- Take advantage of virtualization and blade servers
- Optimized storage
- Reduced power and environmental requirements
- Reduced maintenance costs
- Robust Redundancy with Automated Failover
- Leverage existing technology infrastructure, personnel, and bandwidth

Centralization can also mean centralizing existing DVRs and NVRs into a single solution. For example, a high school might have 10 DVRs spread across the campus. Using solid-state video encoders, all the video can be sent to a single NVR.

CENTRALIZED REFERENCES

Denver Public Schools	Klein ISD, Texas
2,500 cameras	1,550 1.3MP ACTi Cameras
155 campuses	13 HP Servers
Cisco USC Server with 500TB of EMC Storage	120TB Storage
30 Win 2008 OS on 4 blades	50 Virtual OS on VMware 5
Decentralized Servers \$1.5M, centralized \$500,000	Centralized configuration
Added additional cameras with savings	AD integration
	Direct Attached Storage

Licensing

Video Insight is licensed on a per-camera basis and does not require licenses for servers, clients, or accessories. During setup, a 5-digit key is activated online and is associated with the server specifying

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how many cameras can be connected to the server. Adding or removing cameras does not require changes to the key and adding additional cameras is done online or manually.

Video Insight Mobile, Web, and Monitor Station clients do not require activation keys and have no restrictions on installation.

Video Insight Server and Clients are upgraded with a single Setup.exe. Updates do not require existing applications to be removed and includes automated update distribution.

Network

The Video Insight Server can support multiple network interface cards (NIC) and traffic can be segmented by type. A common configuration is to isolate camera traffic on one NIC and connect a second NIC to the corporate network. This isolates all camera traffic, ensuring it does not affect normal traffic. In addition, the Server can support camera traffic from multiple NICs.

When using the Web Client, IIS handles all internal routing and can support inbound traffic on all NICs, but the server listens for the Monitor Station on a single NIC.

Analytics

As processing power increases, camera manufacturers are adding more features to cameras. In addition to H.264 compression and enhanced onboard motion detection, analytics, like directional direction and enter and exit filters, are becoming common. These analytics allow rules to be configured to do object counting or alarms when a vehicle enters an unauthorized area. The Video Insight Server accepts these inputs and allows users to set up automations based on their trigger. For example, the following uses a counting analytic to notify the operator if the number of people in a room exceeds the specified threshold.

Video Insight supports camera-side analytics from the following manufacturers:

Axis	Sony	Samsung/Hanwha	Pelco	Dante
Panasonic	Advidia	Hikvision	Canon	DigiOp Black
Infinova	SightLogix	2N	UDP	More to come.

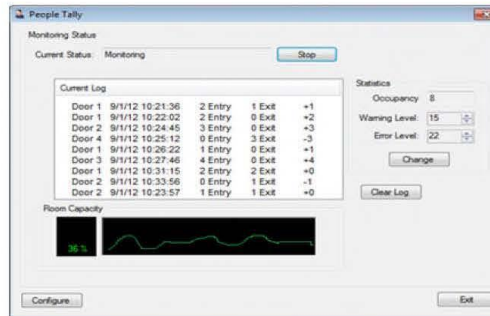
These companies have a variety of analytics including but not limited to:

Advanced Motion Detection	Intrusion Detection	Direction, Stopping, Dwell filter
Crosswire Detection	Tamper Detection	Enter and Exit filters
Directional Detection	Face Detection	Appear and Disappear filters
Defocus Detection	Face Recognition	Speed filter
Smart Face Detection	Scene Change Detection	Tailgating
Audio Exception Detection	People Counting	Includes non-detection zones



We can setup scheduled based Rules, that on alarm, can do any (or multiple) of the following:

- Alarm Log
- Alarm Window
- Audible alert
- Digital Output
- Text Message
- Email with AVI
- Email with JPEG
- Email with Snapshot
- Execute a Program
- File Manipulation
- HTTP Command
- Instant Replay
- Live pop-ups
- Instructions
- Decoders
- Move PTZ
- Change Recording
- Switch Audio
- Switch Camera
- Change Layouts
- TCP Message
- Time Lapse



Hosting

Bandwidth is the primary challenge associated with hosted video, but the second challenge is the backend server. Most VMS platforms specify 120 or fewer cameras per server. In a hosted environment, this server requirement can dramatically increase the deployment costs. Video Insight v5.5 has been designed for Hosted Video with single OS support at over 2,000 cameras per host.

Features

- No limit hosting
- 3,000 camera models from 100 manufacturers
- Distributed load balanced
- Automated Failover
- Robust Web Client
- iOS and Android Mobile Clients

ABILITY TO INTEGRATE WITH AN ENTERPRISE ACCESS CONTROL SYSTEM

Should the Town of Addison desire to reduce their access control costs and integrate this new video system with their existing infrastructure, STS360 has been responsible for replacing an existing Bosch BIS System utilized by the City of Fort Worth and transitioned over 100+ buildings into the Mercury panel-based solution. To complement the VMS Video Insight 7's versatility and basic to no licensing requirements, the most value efficient EACS would be PANASONIC US Enterprise Access Control System "MonitorCast 4." This software provides the ease and simplicity of modern EACS's while also following the same basic licensing structure of Video Insight 7. Essentially, PANASONIC US has bundled "Door" licenses with each PANASONIC US affiliated camera purchase. Therefore, as The Town of Addison orders this RFP's Panasonic cameras, the Town, in turn, receives a door licenses for each camera as well.

BRIEF OVERVIEW OF MONITORCAST 4

MonitorCast 4 is an enterprise access control application that comes integrated with the Video Insight 7 to provide a seamless unified security solution. It is designed to help security officials increase readiness and respond to incidents faster. The application does not require additional software installation or client license fees.



KEY BENEFITS

- It is FREE of charge! No matter if your using Video Insight camera licensing, Panasonic i-Pro, or Advitia cameras, you receive one door license for every camera you have on the system.
- Easy to use, browser-based management with extremely scalable client connections.
- No other clients or server licenses required.
- Reduces hardware costs; Designed to run on any existing Video Insight Server / NVR
- Zero recurring access control fees
- Dashboard for real-time reporting
- Support for over 32,000 doors, administrators, or simultaneous connections
- Fully Integrated into Video Insight's thick, thin, and Mobile clients
- Extreme scalability with the aid of SQL database technology

KEY FEATURES

Multi-Site Support

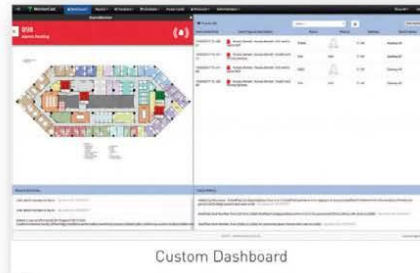
- Perfect for large multi-location facilities such as, government buildings, school districts, office branch locations, and even sporting arenas.
- Provides the ability to partition controllers between multiple primary and secondary sites.
- Each site contains independent controllable hardware, cardholders, and schedules all managed in one central console.

Built-in Rules Manager

- Configure rules directly through UI
- Access Denied/Granted to (server-side rule)
- Monitor Point Trigger and Schedule
- Mask all door alarms

Scheduling Support

- Customize access settings/rules around schedules.
- Access User Levels, Door-states, and Holidays can be set based on timeframe.
- Easily add day-to-day or onetime events to schedules.



Elevator Control

- Add Floor Schedules and Floor Names
- Floor Name feature accommodates dual door Elevator configuration
- Support up to 128 floors
- Elevator Access Level configuration
- Door Schedule works with elevator reader
- Floor Tracking feature reports floor numbers used by cardholders

Anti-Passback Support

- Prevent unauthorized access to the most secure areas of the facility, by preventing Tailgating and unauthorized card sharing.
- Anti-Passback provides multiple zone configuration, for Hard / Soft areas, along with scheduled based options.

Occupancy Control / Live Area Monitoring

- Keep track of personnel in critical moments through MonitorCast 4's Live Area Monitoring.
- Functionality provides "high, low, and Zero count" notifications within the platforms UI.

Dual Card Authentication

- Dual Card Authentication requires two unique personnel cards to be presented to grant access to a site.
- This configuration ensures that top clearance areas are safeguarded with this extra layer of protection.

Panic Buttons

- Proactively protect a facility with a Panic Button configured to input which can instantly change reader or door-states, override schedules, or enact any rule deemed fit for an emergency.

Email Alarm Alert Notification

- Alerts tied Access Denied and Granted events
- Door and Hardware Alarms
- Monitor Point status
- High/Low/Maximum Occupancy alerts
- Lost and Stolen access cards

Map Based Alarms

- Plot out your alarms visually using Map Based Alarms.
- Pinpoint a trouble area (Pop-up alerts via VI MonitorPlus)
- See real-time door alarms and states.

Database Trimmer

- Provides the ability to limit the timeframe of records kept within MonitorCast 4's database.
- Provides greater stability and usability to the platform.

Card Format Finder

- With a simple scan of any card MonitorCast 4 can provide exact Card Format information. Info such as card Facility Code assignment or card Enrollment status.
- Allows for easy Formatting, Assignment, and Retrieval of lost or stolen cards.

Card Level formatting/ Easy Enrollment

- Provides the ability to granularly assign individual card types to controllers, no matter if you are using 26bit card or another format entirely.
- Format cards easily based on needs.
- Easily Enroll a Readers' configuration
- Simply assign a card with a quick scan which opens the Personnel Enrollment page linked to Card's Number.

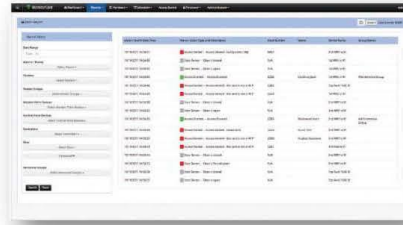


Easy Setup & Configuration

- Service Reset built into UI for easy remote configuration.
- Personnel Photos from webcam
- Manage or Delete all Group/cardholders.
- Easy Hardware Configuration with Reset Disclaimer. (Non-Popup)
- Dynamically add more readers for PIM 400 and MS-8RP,
- Email / Phone Activation Date & Deactivation Date

Customizable Reports

- MonitorCast 4 empowers its users with an array of customizable reports which are exportable directly from its UI.
- File formats for reports: PDF, XLS, & .TXT (via VI MonitorPlus)
- Reader Access Reports (provides data on access to specific door: name, & access level).
- User and Card History
- Time & Attendance
- Personnel Area



Active Directory Integration (Via server application)

- Unify your IT infrastructure by centralizing your configuration and personnel management database.
- By using Active Directory, system administrators can import individual personnel or groups efficiently.
- Active Directory & CSV import include
- Emails, Names and Phone numbers.
- Import Personnel Photo from Local Path.
- Personnel Activation Date / Deactivation Date.
- Full Active Directory Sync functionality coming Fall 2019

SETUP

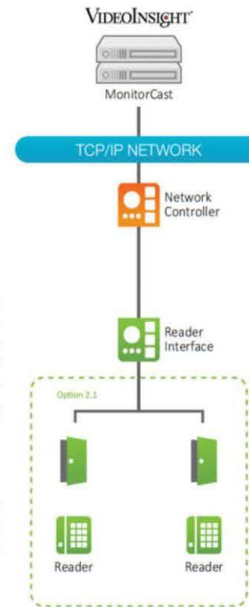
The typical setup for this requires an active installation of windows operating system, network switch and one intelligent controller. The sub-controllers that have a communication type of RS485 will connect to one of the intelligent controllers through an available RS485 port. If the installation goes with the EP-1501 and MR51e, no additional power source is needed for these controllers, unless a 24V mag lock is being used.

Mercury Security Controllers

MonitorCast 4 is designed to support Mercury EP/MR series access control boards and does not require the hardware to be purchased from Video Insight. Boards from existing installations and vendors are supported without modification.

Limitations of Current Version

Powered-up by a SQL Server database, MonitorCast 4 supports 32,000 doors, administrators, or simultaneous connections.



LICENSING

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TXDPS: B10434601
HUB: 1202542335600



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Door licenses are included free of charge with each Video Insight camera license, I-Pro, or Advidia camera. For example, a 100 camera Video Insight system includes a license for 100 MonitorCast 4 doors. The application is licensed on a "per door" basis and a numeric license is required and specifies the number of doors allowed to run on each MonitorCast 4 installation. In addition, licenses are specific to the server and hardware used on a single box. All Advidia cameras also include a MonitorCast 4 door license. If needed, additional doors can be added a la carte. Lastly, all licenses have no recurring fees with a current Video Insight SUP agreement or Advidia products.

Next Page: VI Health MonitorPlus

STS360.com



TXDPS: B10434601
HUB: 1202542335600

**PROACTIVE DEVICE MONITORING AVAILABLE -
ENTERPRISE HEALTH MONITORING THROUGH VI HEALTH MONITORPLUS**

The VI Health MonitorPLUS solution is an on-premises application designed to offer users peace of mind, knowing that all the servers and cameras in their surveillance system are up and running, minimizing the risk of missing important events. VI Health MonitorPLUS provides a complete and easy to use interface featuring real-time monitoring of resources, alerting administrators about any issues that might affect the services, and keeping track of any camera failures and video recording interruptions.



IP SERVER STATUS		
OK	2	Expand for Details
FAIL	13	Not Working
SURVEILLANCE CAMERA STATUS		
OK	208	Expand for Details
FAIL	4	Not Working
FAIL	4	Main Hallway
FAIL	1	South Exit - Camera 333
FAIL	1	Main Entrance - Camera 124

Centralized visibility of your security system health to help minimize system failures...

1. Helps ensure the health of your security platform
2. Easy Intuitive Dashboard
3. Real-time information and alerts to help identify and resolve failure faster
4. Centrally monitor security platform from anywhere
5. User authentication via SSL encrypted communication for secure access

**On-Premise
Supports 150 Servers | 7500 Total cameras**

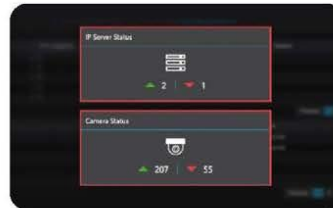
8 GB Memory
4 Core Machine
500 GB Hard Drive
Windows Server 2016
SQL Server 2017 Express
Supports 150 Servers and up to 7500 cameras

System Requirements

One dedicated VI HM+ Server does not need to be incredibly robust to support 150 Servers and up to 7,500 cameras!

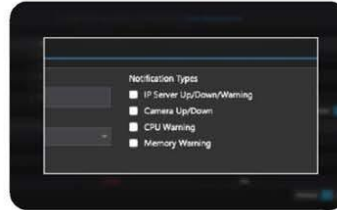
Track Server and Camera Health Availability

VI Health MonitorPLUS provides detailed information over the health of your site's cameras along with the CPU, Memory, and Storage usage of each server being monitored.



Receive Email Notification Alerts

In the event of downed cameras or unresponsive servers, VI Health MonitorPLUS will notify any designated user in real time alerting them of the issue, minimizing downtimes.



Generate Customizable Reports

VI Health MonitorPLUS provides its users with the ability to generate Transactional reports based on date ranges, allowing users to quickly identify trouble spots.



Accessible and instant stats through any browser

No matter where you are, you can keep tabs on the health and status of multiple sites through any major web browser of your choice.



Unlimited Monitoring

Due to its unique architecture VI Health MonitorPLUS can grow and scale based on your needs, no matter the configuration.





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H. COST PROPOSAL

POLICE DEPARTMENT	<u>\$ 68,565.19</u>
TOWN HALL	<u>\$ 8,881.23</u>
FINANCE DEPARTMENT	<u>\$ 6,386.18</u>
ATHLETIC CLUB	<u>\$ 53,032.79</u>
AIRPORT & FUEL FARM	<u>\$ 43,723.57</u>
AIRFIELD / PERIMETER CAMERAS	<u>\$122,571.34</u>
CONFERENCE & THEATRE CENTER	<u>\$ 62,327.33</u>
SERVICE CENTER	<u>\$ 43,427.40</u>
TREEHOUSE	<u>\$ 16,513.12</u>
FIRE STATION 1	<u>\$ 13,261.22</u>
FIRE STATION 2	<u>\$ 13,261.22</u>
OAKS NORTH NEIGHBORHOOD	<u>\$ 39,645.45</u>
CIRCLE PARK	<u>\$ 83,733.14</u>
GROVE PARK	<u>\$ 41,260.07</u>
BELTWAY TRAIL	<u>\$ 25,647.15</u>
BOSQUE PARK	<u>\$ 36,593.94</u>
CELESTIAL PARK	<u>\$ 23,141.87</u>
COMMUNITY GARDEN	<u>\$ 8,188.56</u>
LES LACS LINEAR PARK	<u>\$ 24,433.42</u>
REDDING TRAIL DOG PARK	<u>\$ 13,943.63</u>
SPRUILL PARK	<u>\$ 17,594.21</u>
TOWN PARK AND DOG RUN	<u>\$ 25,887.70</u>
VITRUVIAN PARK BRIDGE & AMPHITHEATRE	<u>\$ 36,228.94</u>
WHITE ROCK CREEK TRAIL	<u>\$ 13,551.17</u>
WINNWOOD PARK	<u>\$ 12,792.13</u>
BONDING	<u>\$ 12,705.00</u>
GRAND TOTAL	<u>\$867,296.97</u>

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TXDPS: B10434601
 HUB: 1202542335600



Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

POLICE DEPARTMENT					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S3131L	Panasonic	1080P H.265 INDOOR DOME IR	42	\$207.20	\$8,702.40
WV-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	18	\$633.92	\$11,410.56
NVR R-2-60TB A-V2	Panasonic	1-PRO SR3E-A,2U, DUAL XEON OCTA CORE CPU, 32GB RAM, WINDOWS SERVER STANDARD. OS ON 2X1TB HDD, TOTAL STORAGE 60TB (RAID 5), USABLE 48TB, KEYBOARD MOUSE. RAILS, NO OPTICAL DRIVE. 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$11,631.20	\$11,631.20
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 900W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	60	\$0.00	\$0.00
77-240-2B	Superior Essex	CAT6 CMP BLUE 1000'	11	\$247.25	\$2,719.75
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$2,250.00	\$2,250.00
LABOR	STS360	Camera Installation	1	\$27,000.00	\$27,000.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$2,600.00	\$2,600.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$1,950.00	\$1,950.00
TOTAL					\$68,565.19

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
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 Purchase on DIR Contract # DIR-TSO-4025

TOWN HALL					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WW-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	2	\$622.60	\$1,245.20
15-45	SDC	Failsecure Electric Strike for up to 3/4" Latch, 4-7/8" Radius Faceplate	1	\$82.50	\$82.50
602RF	SDC	1AM 12/24VDC POWER SUPPLY	1	\$159.50	\$159.50
JOS-1VW	AIPHONE	JOS-1VW Mobile-Ready Box Set with Surface-Mount Door Station	1	\$660.00	\$660.00
NVR R-1-12TB-A-V2	Panasonic	I-PRO SRI,1U, SINGLE XEON HEX CORE CPU, 16GB RAM, WINDOWS 10 PRO. OS ON 1TB HDD.TOTAL STORAGE 12TB (NO RAID),KEYBOARD MOUSE. NO OPTICAL DRIVE. Rails 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$2,919.95	\$2,919.95
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 960W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28
IPSCV-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	2	\$0.00	\$0.00
77-240-2B	Superior Essex	CATS CMP BLUE 1000'	1	\$236.50	\$236.50
12141109	Honeywell	18/2 Stranded Shielded 1000 Bx Gray	1	\$146.30	\$146.30
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$250.00	\$250.00
LABOR	STS360	Camera Installation	1	\$2,100.00	\$2,100.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$520.00	\$520.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$200.00	\$200.00
TOTAL					\$8,881.23

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FINANCE						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	2	\$622.60	\$1,245.20	
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	2	\$0.00	\$0.00	
NVR-R-1-12TB-A-V2	Panasonic	I-PRO SR1,1U, SINGLE XEON HEX CORE CPU, 16GB RAM, WINDOWS 10 PRO, OS ON 1TB HDD.TOTAL STORAGE 12TB (NO RAID),KEYBOARD MOUSE, NO OPTICAL DRIVE. Rails 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION, USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$2,919.95	\$2,919.95	
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 900W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28	
77-240-2B	Superior Essex	CAT6 CMP BLUE 1000'	1	\$247.25	\$247.25	
MISC	STSS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$187.50	\$187.50	
LABOR	STSS360	Camera Installation	1	\$900.00	\$900.00	
TPM	STSS360	Onsite System Engineer for Programming and Project Management	1	\$390.00	\$390.00	
WARRANTY	STSS360	1 Year Onsite Parts and Labor Warranty	1	\$195.00	\$195.00	
TOTAL					\$6,386.18	

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

ADDISON ATHLETIC CLUB					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S3131L	Panasonic	1080P H.265 INDOOR DOME IR	21	\$207.20	\$4,351.20
WV-X4571L	Panasonic	iA(Intelligent Auto) H.265 360-Degree Vandal Resistant Outdoor 9 Megapixel Dome Camera	1	\$807.52	\$807.52
PWM850	Panasonic	Wall Mount & Shroud	1	\$113.12	\$113.12
WV-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	16	\$633.92	\$10,142.72
NVR R-2-60TB-A-V2	Panasonic	I-PRO SR3E-A,2U, DUAL XEON OCTA CORE CPU, 32GB RAM, WINDOWS SERVER STANDARD, OS ON 2X1TB HDD, TOTAL STORAGE 60TB (RAID 5), USABLE 48TB, KEYBOARD MOUSE, RAILS, NO OPTICAL DRIVE. 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$11,631.20	\$11,631.20
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 90DW AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28
IPSVU-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	38	\$0.00	\$0.00
77-240-2B	Superior Essex	CAT6 CMP BLUE 1000'	7	\$247.25	\$1,730.75
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$1,875.00	\$1,875.00
LABOR	STS360	Camera Installation	1	\$17,400.00	\$17,400.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$2,600.00	\$2,600.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$2,080.00	\$2,080.00
				TOTAL	\$53,032.79

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 Purchase on DIR Contract # DIR-TSO-4025

ADDISON AIRPORT AND FUEL FARM						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
TNO-X8072EPT1-Z	Hanwha	Explosion proof camera using the XNB-8000 (SMP @ 30fps) * 4.1"9mm Lens PoE Only (No Wiper), -40°C ~ +55°C (-40°F ~ +131°F), Type 4x, IP66, FM (Factory Mutual)", C1/D1 certification	6	\$3,603.60	\$21,621.60	
IPSVCLJL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	6	\$102.30	\$613.80	
WV-S1550L	Panasonic	SMP OUTDOOR VANDAL BULLET CAM H.265 W/IR	2	\$633.92	\$1,267.84	
QL-ML342LV-PAIR	Ascendance Wireless	QUICKLINK (PTP KIT - 2 SYSTEMS) 802.11N	2	\$413.95	\$827.90	
SW-POESG-1224	Ascendance Wireless	Hardened Switch POE 10/100/1000 5 Port 135w/Port	2	\$355.04	\$710.08	
BW-SL14126	Mler	Outdoor Enclosure, Air/Dust/Water Tight, Stainless Steel Latch, NEMA 3/3R/3S/4/4X/5/12/13, 14" Width x 12" Depth x 6" Height, Polycarbonate	2	\$115.36	\$230.72	
IPSVCLJL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	2	\$0.00	\$0.00	
MR-6C-AT-ML2TB	PANASONIC	6Ch POE Mobile NVR 2TB	1	\$2,518.88	\$2,518.88	
6DBFLD234UTPL1B	Remee	CAT6 OSP CABLE BLACK 1000'	3	\$399.25	\$1,017.75	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, hooks, sealant, conduit, couplers, straps, lift rental)	1	\$3,125.00	\$3,125.00	
LABOR	STS360	Camera Installation	1	\$7,500.00	\$7,500.00	
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$1,950.00	\$1,950.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$2,340.00	\$2,340.00	
				TOTAL	\$49,723.57	

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AIRFIELD PERIMETER						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S1572L	Panasonic	4K Outdoor Vandal Resistant Box Camera, H.265/H.264/MJPEG, 4.3-8.6mm 2.0x Motorized Zoom Lens, IR LED, IP66, IK10, 5 Year Warranty, Video Insight 7.8 or Higher	22	\$723.12	\$16,040.64	
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	6	\$683.92	\$3,803.52	
PWM4855	Panasonic	WALL MOUNT AND SHROUD	6	\$76.16	\$456.96	
WV-X6S33LN	Panasonic	FullHD Outdoor Vandal PTZ Network Camera, H.265, with 40x Lens, ClearSight Coating Dome	1	\$2,227.68	\$2,227.68	
PWM20GS	Panasonic	WALL MOUNT	1	\$106.40	\$106.40	
SPWR-12VDC-54DW-FM-BE3	Ascendance Wireless	Solar Power Station 12vdc 54dw - Top Of Pole Mount	1	\$5,407.36	\$5,407.36	
QL-ML342LV-PAIR	Ascendance Wireless	QUICKLINK (PTP KIT - 2 SYSTEMS) 802.11N	16	\$413.95	\$6,623.20	
SW-POESG-1224	Ascendance Wireless	Hardened Switch POE 10/100/1000 5 Port 35w/Port	12	\$355.04	\$4,260.48	
BW-SL14126	Mier	Outdoor Enclosure, Air/Dust/Water Tight, Stainless Steel Latch, NEMA 2/3/3R/3S/4/4X/5/12/13, 14" Width x 12" Depth x 6" Height, Polycarbonate	12	\$115.36	\$1,384.32	
IPVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) For All Updates and Major Software Releases	29	\$0.00	\$0.00	
NVR-R-2-80TB-V2	Panasonic	I-PRO SR3E-A,2U, DUAL XEON OCTA CORE CPU, 32GB RAM, WINDOWS SERVER STANDARD, OS ON 2X1TB HDD, TOTAL STORAGE 80TB (RAID 5), USABLE 72TB KEYBOARD MOUSE, RAILS, NO OPTICAL DRIVE, 3 YEAR PRO LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE, TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION, USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$14,937.44	\$14,937.44	
77-240-2B	Superior Essex	CAT6 CMP BLUE 1000'	4	\$247.25	\$989.00	
SP-DB15-D	STRONG POLES	15" Square Buriable Pole with 4" buried	11	\$1,244.94	\$13,694.34	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, J hooks, sealant, conduit, couplers, straps)	1	\$5,000.00	\$5,000.00	
LABOR	STS360	Camera Installation	1	\$37,500.00	\$37,500.00	
TFM	STS360	Onsite System Engineer for Programming and Project Management	1	\$5,200.00	\$5,200.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$4,940.00	\$4,940.00	
TOTAL					\$122,571.34	

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

ADDISON THEATER AND CONFERENCE						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S3131L	Panasonic	1080P H.265 INDOOR DOME IR	17	\$207.20	\$3,522.40	
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	6	\$633.92	\$3,803.52	
WV-S1550L	Panasonic	SMP OUTDOOR VANDAL BULLET CAM H.265 W/IR	13	\$624.96	\$8,124.48	
QL-ML342LV-PAIR	Ascendance Wireless	QUICKLINX (PTP KIT - 2 SYSTEMS) 802.11N	8	\$413.95	\$3,311.60	
SW-POE5G-1224	Ascendance Wireless	Hardened Switch POE 10/100/1000 5 Port 35w/Port	8	\$355.04	\$2,840.32	
BW-SL14126	Miter	Outdoor Enclosure, Air/Dust/Water Tight, Stainless Steel Latch, NEMA 2/3/3R/3S/4/4X/5/12/13, 14" Width x 12" Depth x 6" Height, Polycarbonate	7	\$115.36	\$807.52	
NVR-R-2-48TB-V2	Panasonic	I-PRO SR3E 2U, DUAL XEON OCTA CORE CPU, 32GB RAM, WINDOWS SERVER STANDARD, OS ON 2X1TB HDD, TOTAL STORAGE 48TB (RAID 5), USABLE 40TB, KEYBOARD MOUSE, RAILS, NO OPTICAL DRIVE, 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$9,304.96	\$9,304.96	
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 900W AVR 2U Rack Tower 120V 8 Outlet	1	\$901.28	\$901.28	
IPSVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	36	\$0.00	\$0.00	
77-240-2B	Superior Essex	CAT5 CMP BLUE 1000'	5	\$247.25	\$1,236.25	
MISC	STSS360	Misc. Installation Accessories and Consumables (OSP, J hooks, sealant, conduit, couplers, straps, lift rental)	1	\$3,125.00	\$3,125.00	
LABOR	STSS360	Camera Installation	1	\$20,100.00	\$20,100.00	
TPM	STSS360	Onsite System Engineer for Programming and Project Management	1	\$3,250.00	\$3,250.00	
WARRANTY	STSS360	1 Year Onsite Parts and Labor Warranty	1	\$2,600.00	\$2,600.00	
TOTAL					\$62,327.92	

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

SERVICE CENTER					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S1550L	Panasonic	SMP OUTDOOR VANDAL BULLET CAM H.265 W/IR	4	\$633.92	\$2,535.68
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	5	\$633.92	\$3,169.60
QL-ML342LV-PAIR	Ascendance Wireless	QUICKLINK (PTP KIT - 2 SYSTEMS) 802.11N	1	\$413.95	\$413.95
SW-POESG-1224	Ascendance Wireless	Hardended Switch POE 10/100/1000 5 Port 35w/Port	1	\$355.04	\$355.04
BW-SL14126	Mler	Outdoor Enclosure, Air/Dust/Water Tight, Stainless Steel Latch, NEMA 2/3/3R/3S/4/4X/5/12/13, 14" Width x 12" Depth x 6" Height, Polycarbonate	1	\$115.36	\$115.36
IPSVCLUL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	9	\$0.00	\$0.00
NVR-R-1-12TB-A-V2	Panasonic	I-PRO SR1,1U, SINGLE XEON HEX CORE CPU, 16GB RAM, WINDOWS 10 PRO, OS ON 1TB HDD.TOTAL STORAGE 12TB (NO RAID),KEYBOARD MOUSE, NO OPTICAL DRIVE. RAILS 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$2,919.95	\$2,919.95
NVR-R-2-60TB-A-V2	Panasonic	I-PRO SR9E-A,2U, DUAL XEON OCTA CORE CPU, 32GB RAM, WINDOWS SERVER STANDARD, OS ON 2X1TB HDD, TOTAL STORAGE 60TB (RAID 5), USABLE 48TB, KEYBOARD MOUSE, RAILS, NO OPTICAL DRIVE. 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$11,631.20	\$11,631.20
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 900W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28
NVR-T-1-RDT-V2	Panasonic	I-PRO WT1-D, SINGLE INTEL 9TH GEN OCTA CORE CPU, 32GB RAM, WINDOWS 10 PRO, OS ON, 256GB, M.2 SSD, 2TB HDD, NVIDIA RTX2070	2	\$2,890.72	\$5,781.44
MOUN34K	Samsung	43" Class 7 Series LED 4K UHD Smart TV	4	\$392.00	\$1,568.00
MOUNT		Heavy-Duty, Full Motion Articulating Wall Mount for 22-inch to 55-inch LED, LCD, Flat Screen	4	\$61.60	\$246.40
77-240-2B	Superior Essex	CAT6 CMP BLUE 1000'	2	\$247.25	\$494.50
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, J hooks, sealant, conduit, couplers, straps)	1	\$1,875.00	\$1,875.00
LABOR	STS360	Camera Installation	1	\$6,300.00	\$6,300.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$3,120.00	\$3,120.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$2,600.00	\$2,600.00
				TOTAL	\$43,427.40

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ADDISON TREEHOUSE						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S3131L	Panasonic	1080P H.265 INDOOR DOME IR	15	\$207.20	\$3,108.00	
IPSV-C-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	15	\$0.00	\$0.00	
NVR-R-1-12TB-A-V2	Panasonic	I-PRO SR1,1U, SINGLE XEON HEX CORE CPU, 16GB RAM, WINDOWS 10 PRO, OS ON 1TB HDD, TOTAL STORAGE 12TB (NO RAID), KEYBOARD MOUSE, NO OPTICAL DRIVE. RAILS 3 YEAR PRO LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$2,919.84	\$2,919.84	
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 900W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28	
77-240-ZB	Superior Essex	CAT6 CMP BLUE 1000'	4	\$247.25	\$989.00	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$625.00	\$625.00	
LABOR	STS360	Camera Installation	1	\$6,750.00	\$6,750.00	
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$1,040.00	\$1,040.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$780.00	\$780.00	
TOTAL					\$16,513.12	

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FIRE STATION 1						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	6	\$622.60	\$3,735.60	
IPSV-C-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	6	\$0.00	\$0.00	
NVR R-1-12TB-A-V2	Panasonic	I-PRO SR1,1U, SINGLE XEON HEX CORE CPU,16GB RAM, WINDOWS 10 PRO, OS ON 1TB HDD.TOTAL STORAGE 12TB (NO RAID),KEYBOARD MOUSE, NO OPTICAL DRIVE. RAILS 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$2,919.84	\$2,919.84	
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 960W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28	
77-240-ZB	Superior Essex	CAT6 CMP BLUE 1000'	2	\$247.25	\$494.50	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$1,250.00	\$1,250.00	
LABOR	STS360	Camera Installation	1	\$3,000.00	\$3,000.00	
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$650.00	\$650.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$910.00	\$910.00	
				TOTAL	\$19,261.22	

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FIRE STATION 2						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	6	\$622.60	\$3,735.60	
IPSV-C-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	6	\$0.00	\$0.00	
NVR R-1-12TB-A-V2	Panasonic	I-PRO SR1,1U, SINGLE XEON HEX CORE CPU,16GB RAM, WINDOWS 10 PRO, OS ON 1TB HDD.TOTAL STORAGE 12TB (NO RAID),KEYBOARD MOUSE, NO OPTICAL DRIVE. RAILS 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE. TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION. USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$2,919.84	\$2,919.84	
SMART1500LCD	TrippLite	UPS Smart LCD 1500VA 960W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28	
77-240-ZB	Superior Essex	CAT6 CMP BLUE 1000'	2	\$247.25	\$494.50	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps, lift rental)	1	\$1,250.00	\$1,250.00	
LABOR	STS360	Camera Installation	1	\$3,000.00	\$3,000.00	
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$650.00	\$650.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$910.00	\$910.00	
TOTAL					\$19,261.22	

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OAKS NORTH NEIGHBORHOOD						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-X8570N	Panasonic	H.265, 4 X 4K Camera, 1X Optical Zoom	3	\$1,936.48	\$5,809.44	
PWM850	Panasonic	Wall Mount & Shroud	3	\$113.12	\$339.36	
PAPM4GR	Panasonic	Pole Mount Adapter	3	\$71.46	\$214.38	
STSRDPTZ-01	STSS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150R LAN/WAN Wi-Fi + 2TBYTE HDD + NVR function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	3	\$4,286.70	\$12,860.10	
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	3	\$0.00	\$0.00	
SP-DB16-D	STRONG POLES	16" Square Burial Pole with 4' buried	3	\$1,244.94	\$3,734.82	
EDBFLD234UTPL1B	Remece	CATE OSP BLACK 1000'	1	\$332.35	\$332.35	
MISC	STSS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps) - Auger Rental	1	\$1,875.00	\$1,875.00	
LABOR	STSS360	Camera and Pole Installation	1	\$5,250.00	\$5,250.00	
ELECTRICAL	STSS360	Electrical Work - Pull Circuit to STS360 Pole from existing power circuits	1	\$6,240.00	\$6,240.00	
TPM	STSS360	Onsite System Engineer for Programming and Project Management	1	\$1,040.00	\$1,040.00	
WARRANTY	STSS360	1 Year Onsite Parts and Labor Warranty	1	\$1,950.00	\$1,950.00	
TOTAL					\$39,645.45	

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ADDISON CIRCLE PARK					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	24	\$622.60	\$14,942.40
PWM485S	Panasonic	Wall Mount and Shroud	24	\$76.16	\$1,827.84
PAPM4GR	Panasonic	Pole Mount Adapter	24	\$71.46	\$1,715.04
QL-ML342LV-PAIR	Ascendance Wireless	QUICKLINX (PTP KIT - 2 SYSTEMS) 802.11N	20	\$406.56	\$8,131.20
SW-POE5G-1224	Ascendance Wireless	Hardened Switch POE 10/100/1000 5 Port 35w/Port	18	\$355.04	\$6,390.72
BW-SL14126	Miter	Outdoor Enclosure, Air/Dust/Water Tight, Stainless Steel Latch, NEMA 2/3/3R/3S/4/4X/5/12/13, 14" Width x 12" Depth x 6" Height, Polycarbonate	18	\$115.36	\$2,076.48
NVR-R-2-48TB-V2	Panasonic	I-PRO SR3E, 2U, DUAL XEON OCTA CORE CPU, 32GB RAM, WINDOWS SERVER STANDARD, OS ON 2X1TB HDD, TOTAL STORAGE 48TB (RAID 5), USABLE 40TB, KEYBOARD MOUSE, RAILS, NO OPTICAL DRIVE, 3 YEAR PRO-LIMITED HARDWARE WARRANTY WITH ON-SIGHT SERVICE, TOTAL USABLE STORAGE IS CALCULATED BASED ON ADVERTISED HDD SIZE, NOT OS RECOGNITION, USABLE STORAGE SIZE MAY VARY SLIGHTLY	1	\$9,304.96	\$9,304.96
IPSVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	24	\$0.00	\$0.00
77-240-2B	Superior Essex	CAT6 CMP BLUE 1000'	2	\$247.25	\$494.50
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps)	1	\$3,750.00	\$3,750.00
LABOR	STS360	Camera Installation	1	\$27,300.00	\$27,300.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$3,900.00	\$3,900.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$3,900.00	\$3,900.00
				TOTAL	\$83,733.14

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ADDISON GROVE PARK						
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WV-S2550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	4	\$633.92	\$2,535.68	
PWM485S	Panasonic	Wall Mount and Shroud	4	\$76.16	\$304.64	
PAPM4GR	Panasonic	Pole Mount Adapter	4	\$71.46	\$285.84	
STSRDPTZ-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150R LAM/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	4	\$4,286.70	\$17,146.80	
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	4	\$0.00	\$0.00	
SP-DB16-D	STRONG POLES	16" Square Burial Pole with 4' buried	4	\$1,244.94	\$4,979.76	
6DBFLD234UTPL1.B	Remece	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps) - Auger Rental	1	\$3,125.00	\$3,125.00	
LABOR	STS360	Camera and Pole Installation	1	\$5,400.00	\$5,400.00	
ELECTRICAL	STS360	Electrical Work - Pull Circuit to STS360 Pole from existing power circuits	1	\$3,900.00	\$3,900.00	
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$2,470.00	\$2,470.00	
TOTAL					\$41,260.07	

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BELTWAY TRAIL					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S1550L	Panasonic	SMP OUTDOOR VANDAL BULLET CAM H.265 W/IR	4	\$633.92	\$2,535.68
PAPM4GR	Panasonic	Pole Mount Adapter	4	\$71.46	\$285.84
STSRDPTZ-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150R LAN/WAN Wi-Fi + 2TBYTE HDD + NVR function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	2	\$4,286.70	\$8,573.40
IPSVCLUL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	4	\$0.00	\$0.00
SP-DB16-D	STRONG POLES	16" Square Burial Pole with 4' buried	2	\$1,244.94	\$2,489.88
6DBFLD234UTPL1B	Remeec	CATE OSP BLACK 1000'	1	\$332.35	\$332.35
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps) - Auger Rental	1	\$1,500.00	\$1,500.00
LABOR	STS360	Camera and Pole Installation	1	\$3,300.00	\$3,300.00
ELECTRICAL	STS360	Electrical Work - Pull Circuit to STS360 Pole from existing power circuits	1	\$4,550.00	\$4,550.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$1,300.00	\$1,300.00
TOTAL					\$25,647.15

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BOSQUE PARK					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-SZ550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	6	\$633.52	\$3,803.52
PWM485S		Wall Mount and Shroud	6	\$76.16	\$456.96
PAPM4GR	Panasonic	Pole Mount	6	\$71.46	\$428.76
STSRDPTZ.01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10R Power Cable + Instal Bracket - 5 Year Warranty	3	\$4,286.70	\$12,860.10
IPVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	6	\$0.00	\$0.00
6DBRLD234UTPL1B	Remece	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35
PPS-305AC24VDC-300W-BE2	Ascendance Wireless	Perpetual Pwr Station 90-305vac 24vdc 320w	3	\$1,615.75	\$4,847.25
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, hooks, sealant, conduit, couplers, straps)	1	\$3,125.00	\$3,125.00
LABOR	STS360	Camera and PPS Installation	1	\$4,500.00	\$4,500.00
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$3,640.00	\$3,640.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$1,040.00	\$1,040.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$1,560.00	\$1,560.00
TOTAL					\$36,593.94

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CELESTIAL PARK					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-SZ550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	3	\$633.92	\$1,901.76
PWM485S		Wall Mount and Shroud	3	\$76.16	\$228.48
PAPMAGR	Panasonic	Pole Mount	3	\$71.46	\$214.38
STSRDPTZ.01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10R Power Cable + Instal Bracket - 5 Year Warranty	2	\$4,286.70	\$8,573.40
IPVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	3	\$0.00	\$0.00
6DBRLD234UTPL1B	Remeze	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35
PPS-305AC24VDC-300W-BE2	Ascendance Wireless	Perpetual Pwr Station 90-305vac 24vdc 320w	2	\$1,615.75	\$3,231.50
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, hooks, sealant, conduit, couplers, straps)	1	\$1,500.00	\$1,500.00
LABOR	STS360	Camera and PPS Installation	1	\$3,000.00	\$3,000.00
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$2,600.00	\$2,600.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$780.00	\$780.00
TOTAL					\$23,141.87

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COMMUNITY GARDEN					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WW-S1550L	Panasonic	SMP OUTDOOR VANDAL BULLET CAM H.265 W/IR	4	\$633.92	\$2,535.68
QL-ML342LV-PAIR	Ascendance Wireless	QUICKLINX (PTP KIT - 2 SYSTEMS) 802.11N	1	\$413.95	\$413.95
SW-POESG-1224	Ascendance Wireless	Hardened Switch POE 10/100/1000 5 Port 35w/Port	1	\$355.04	\$355.04
BW-SL14126	Mier	Outdoor Enclosure, Air/Dust/Water Tight, Stainless Steel Latch, NEMA 2/3/3R/3S/4/4X/5/12/13, 14" Width x 12" Depth x 6" Height, Polycarbonate	1	\$115.36	\$115.36
IPSV-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	4	\$0.00	\$0.00
SMART1500LCD	Triplite	UPS Smart LCD 1500VA 800W AVR 2U Rack Tower 120V 8 Outlet	1	\$301.28	\$301.28
77-240-2B	Superior Essex	CATE CMP BLUE 1000'	1	\$247.25	\$247.25
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, J hooks, sealant, conduit, couplers, straps)	1	\$375.00	\$375.00
LABOR	STS360	Camera Installation	1	\$3,000.00	\$3,000.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$455.00	\$455.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$390.00	\$390.00
				TOTAL	\$8,188.56

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

LES LAC					
PART #	MPG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
VV-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	4	\$633.92	\$2,535.68
PWM485S	Panasonic	Wall Mount & Shroud for Outdoor Vandal Dome	4	\$76.16	\$304.64
STSRDPTZ-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150H LAN/WAN Wi-Fi + 2TBYTE HDD + NVR function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	2	\$4,286.70	\$8,573.40
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	4	\$0.00	\$0.00
6DBFLD234UTPL1B	Remece	CAT6 OSP BLACK 1000'	2	\$332.35	\$664.70
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps)	1	\$1,875.00	\$1,875.00
LABOR	STS360	Camera and Pole Installation	1	\$4,500.00	\$4,500.00
ELECTRICAL	STS360	Electrical Work - Pull Circuit to STS360 Pole from existing power circuits	1	\$3,800.00	\$3,800.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$1,300.00	\$1,300.00
				TOTAL	\$24,433.42

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
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 Purchase on DIR Contract # DIR-TSO-4025

REDDING TRAIL DOG PARK				
PART #	MPG.	DESCRIPTION	QTY.	EXT PRICE
WW-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	1	\$633.92
PWM485S	Panasonic	Wall Mount and Shroud	1	\$76.16
PAPM4GR	Panasonic	Pole Mount	2	\$71.46
WW-X6533LN	Panasonic	FullHD Outdoor Vandal PTZ Network Camera, H.265, with 40x Lens, ClearSight Coating Dome	1	\$2,227.68
PWM206S	Panasonic	Wall Mount Bracket	1	\$106.40
STSRDP1Z-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	1	\$4,286.70
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	2	\$0.00
GDBFLD234UTPL1B	Ramee	CAT6 OSP BLACK 1000'	1	\$332.35
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps)	1	\$1,250.00
LABOR	STS360	Camera and PPS Installation	1	\$1,800.00
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$1,560.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$747.50
TOTAL				\$13,943.63

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

SPRULL PARK						
PART #	MPG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE	
WW-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	3	\$633.92	\$1,901.76	
PWM485S	Panasonic	Wall Mount and Shroud	3	\$76.16	\$228.48	
PAPM4GR	Panasonic	Pole Mount	4	\$71.46	\$285.84	
WW-X6533LN	Panasonic	FullHD Outdoor Vandal PTZ Network Camera, H.265, with 40x Lens, ClearSight Coating Dome	1	\$2,227.68	\$2,227.68	
PWM206S	Panasonic	WALL MOUNT	1	\$106.40	\$106.40	
STSRDP1Z-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	1	\$4,286.70	\$4,286.70	
IPSVU-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	4	\$0.00	\$0.00	
6DBFLD234UTPL1B	Ramee	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35	
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps)	1	\$1,875.00	\$1,875.00	
LABOR	STS360	Camera and PPS Insatllation	1	\$3,750.00	\$3,750.00	
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$1,040.00	\$1,040.00	
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00	
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$780.00	\$780.00	
				TOTAL	\$17,594.21	

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

TOWN PARK AND DOG RUN					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-SZ550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	4	\$633.92	\$2,535.68
PWM485S		Wall Mount and Shroud	4	\$76.16	\$304.64
PAPMAGR	Panasonic	Pole Mount	4	\$71.46	\$285.84
STSRDPTZ.01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10R Power Cable + Instal Bracket - 5 Year Warranty	2	\$4,286.70	\$8,573.40
IPSVL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	4	\$0.00	\$0.00
SP-DB16-D	STRONG POLES	16" Square Burial Pole with 4" buried	1	\$1,244.94	\$1,244.94
6DBRD234UTPL1B	Remeze	CATE OSP BLACK 1000'	1	\$332.35	\$332.35
PPS-550AC24VDC-480W-BE2	Ascendance Wireless	Perpetual Pwr Station 180-550vac Input 24vdc 480w	1	\$1,930.85	\$1,930.85
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps) - Auger Rental	1	\$2,250.00	\$2,250.00
LABOR	STS360	Camera and Pole Installation	1	\$3,750.00	\$3,750.00
ELECTRICAL	STS360	Electrical Work - Pull Circuit to STS360 Pole from existing power circuits	1	\$2,600.00	\$2,600.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$1,300.00	\$1,300.00
TOTAL					\$25,887.70

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

VITRUVIAN PARK					
PART #	MFG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-SZ550L	Panasonic	SMP OUTDOOR VANDAL DOME CAM H.265 W/IR	6	\$633.52	\$3,803.52
PWM485S		Wall Mount and Shroud	6	\$76.16	\$456.96
PAPMAGR	Panasonic	Pole Mount	6	\$71.46	\$428.76
STSRDPTZ.01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10R Power Cable + Instal Bracket - 5 Year Warranty	3	\$4,286.70	\$12,860.10
IPVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	6	\$0.00	\$0.00
6DBRLD234UTPL1B	Remece	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35
PPS-305AC24VDC-300W-BE2	Ascendance Wireless	Perpetual Pwr Station 90-305vac 24vdc 320w	3	\$1,615.75	\$4,847.25
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, hooks, sealant, conduit, couplers, straps)	1	\$2,500.00	\$2,500.00
LABOR	STS360	Camera and PPS Installation	1	\$4,500.00	\$4,500.00
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$2,250.00	\$2,250.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$1,040.00	\$1,040.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$2,210.00	\$2,210.00
TOTAL					\$36,228.94

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Town of Addison
 Bid # 21-05 Security Camera System

QUOTE: TOA20201512
 DATE: 12/11/2020
 Purchase on DIR Contract # DIR-TSO-4025

WHITE ROCK CREEK TRAIL					
PART #	MPG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	3	\$633.92	\$1,901.76
PWM485S		Wall Mount and Shroud	3	\$76.16	\$228.48
PAPM4GR	Panasonic	Pole Mount	3	\$71.46	\$214.38
STSRDPTZ-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	1	\$4,286.70	\$4,286.70
IPSVCL-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	3	\$0.00	\$0.00
EDBFLD234UTPL1B	Remece	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps)	1	\$1,250.00	\$1,250.00
LABOR	STS360	Camera and PPS Installation	1	\$2,250.00	\$2,250.00
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$1,560.00	\$1,560.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$747.50	\$747.50
				TOTAL	\$13,551.17

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WINNWOOD PARK					
PART #	MPG.	DESCRIPTION	QTY.	UNIT PRICE	EXT PRICE
WV-S2550L	Panasonic	5MP OUTDOOR VANDAL DOME CAM H.265 W/IR	2	\$633.92	\$1,267.84
PWM485S	Panasonic	Wall Mount and Shroud	2	\$76.16	\$152.32
PAPM4GR	Panasonic	Pole Mount	2	\$71.46	\$142.92
STSRDPTZ-01	STS360	RAPID DEPLOYMENT UNIT - Panasonic Pole Camera unit 4G LTE capability + 150ft LAN/WAN Wi-Fi + 2TBYTE HDD + NVR 4ch function + Antenna set** + 10ft Power Cable + Install Bracket - 5 Year Warranty	1	\$4,286.70	\$4,286.70
IPSVC-UL	Video Insight	Video Insight Camera License per Camera Fee, Includes Unlimited SUP (Software Upgrade Program) for All Updates and Major Software Releases	2	\$0.00	\$0.00
EDBFLD234UTPL1B	Remece	CAT6 OSP BLACK 1000'	1	\$332.35	\$332.35
MISC	STS360	Misc. Installation Accessories and Consumables (OSP, j hooks, sealant, conduit, couplers, straps)	1	\$1,500.00	\$1,500.00
LABOR	STS360	Camera and PPS Insatllation	1	\$2,250.00	\$2,250.00
ELECTRICAL	STS360	Electrical Work - Tap Power On existing poles	1	\$1,300.00	\$1,300.00
TPM	STS360	Onsite System Engineer for Programming and Project Management	1	\$780.00	\$780.00
WARRANTY	STS360	1 Year Onsite Parts and Labor Warranty	1	\$780.00	\$780.00
				TOTAL	\$12,792.13

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Grant Funding Opportunities

Town of
Addison, TX

Local Government



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Prepared for Panasonic
At the request of Pete Rampp
Prepared by Shannon Day, Grants Development Associate
sday@grantsoffice.com
November 2, 2020

This report is intended to accompany a consultative session with a Grants Office consultant. Contact your representative to schedule a call.



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Mobilizing to Access Grant Funding

Grants provide a number of benefits to active grantseeking organizations, by:

- Creating budget for important projects, equipment, personnel, and services,
- Enabling the development of new mission-driven initiatives,
- Facilitating collaborative relationships among community organizations, and
- Empowering leaders within the organization to think broadly and creatively.

In fact, grants are part of the budget picture for nearly every public sector agency in the country. But even the most active grantseekers understand that there is funding they could use but don't access, either because they are unaware of it or because they lack the resources to pursue it. The purpose of this report is to identify, as completely as possible, the full range of grant opportunities that are available to support your project.

In assembling this report, we've cast a fairly wide net and included funders that could support all of your project, as well as those that might support only a specific component of it. You probably don't have the resources or even the desire or need to write applications to all the grants identified in this document, so on our follow-up consultative session, we'll discuss which grants you'd like to investigate further and which you'll leave for another time or another project. Here are some of the criteria we'll review for each grant:

Total funding available – The size of the program gives you an idea how broad the program will be, and how competitive.

Application burden – Some programs require 100 page narrative, while others may look for 10 or fewer.

Matching requirements – Some programs require a dollar for dollar match, while others may require a 5% match or no cost sharing at all.

Scale – You don't want to write 100 \$5,000 requests to get your \$500,000 project funded, nor do you want to commit to a lot of extra activities that you didn't intend for a huge grant, just to get what you needed.

Collaboration/partnering requirements – Consider what new partnerships the grant will require.

Lead time – More lead time generally equals more time to develop the project and articulate that in the grant application. Six weeks is good, and three weeks is almost essential.

Track record with the funder – Generally more important or local funders than federal sources, past experience with a funder is a consideration nonetheless.



Worksheet 1: Determining the Best Grants to Pursue

This worksheet provides an easy place to keep track of the grant programs from this report that you want to investigate further.

Grant Program	Deadline	Possible Fit?
State Funding for Law Enforcement Initiatives		
Edward Byrne Memorial Justice Assistance Grant (JAG)	February 2021†	
County Essential Services Program	Rolling Deadline	
TxDOT Traffic Safety Grants	January 2021†	
STOP Violence Against Women Act (VAWA) Program	February 2021†	
State Funding for Homeland Security & Emergency Preparedness		
State Homeland Security Program (SHSP)	February 2021†	
SHSP Law Enforcement Terrorism Prevention Activities (LETPA)	February 2021†	
Urban Areas Security Initiative (UASI)	March 2021†	
UASI Law Enforcement Terrorism Prevention Activities (LETPA) Grant	March 2021†	
Emergency Management Performance Grant (EMPG)	January 2021†	
Federal Funding for Law Enforcement Initiatives		
Improving Criminal Justice Responses (ICJR) Program	January 2021†	
COPS School Violence Prevention Program (SVPP)	April 2021†	

† Forecasted deadline time frame. Forecasted time frames are based on prior years' deadlines. Actual future deadlines may be quite different from what we have forecasted here and will only be available when official guidance is published.



Grant Program Summaries

The grant summaries contained in this report include several common data elements, intended to provide you with an overview of each program and enough information to determine whether a given program warrants serious investigation of the official guidance document and other informational materials on the program.

Each grant summary contains:

Grant Title - the title of the grant as defined by the funder, with any common abbreviations in parentheses. If the grant is focused on a particular state, the state name may also be in parentheses.

Authority - the definition of the funding source, including the federal or state agency and sub-agency or name of the foundation making the grant.

Summary - relevant information about the grant program, funding priorities, and application process, including highlights of the grant program and information on the priorities and application process.

Eligibility - the types of applicants that are eligible to apply for the grant, including standard categories of eligible applicants, as well as any special eligibility criteria that the program requires.

Award Information - the total funding available, matching requirements, allocation formula, and any other relevant items that impact the award amount.

History of Funding - available information on past years' funding.

Deadline - additional information on the deadline, including Letter of intent/full application deadlines or submission timeframes for different media, reflecting any nuances in the application deadline, as indicated in the guidance or other sources. In the event that a grant program's application deadline has passed, a future deadline may be forecasted based on historical information and the expectation that the program will re-open for application in the future. Potential grant applicants should consider both current and anticipated grant opportunities as part of a successful long-term grantseeking strategy. **Both forecasted and official deadline dates are subject to change at any time.**

Additional Information - relevant information not suited for other fields.

Contact Information - information on program contact(s), including phone, e-mail, and a URL which points as directly as possible to the program Web page or guidance document.

Remember that this report is intended to accompany a consultative session with a Grants Office Consultant. Once you've reviewed the report, contact your Panasonic representative to schedule a call.



Edward Byrne Memorial Justice Assistance Grant (JAG)

Authority:

Texas Office of the Governor

Summary:

The Edward Byrne Memorial Justice Assistance Grant (JAG) program allows states and local governments to support a broad range of activities to prevent and control drug trafficking, drug related crime, and violent crime. Based on their own local needs and conditions, agencies are provided with the flexibility to prioritize and place justice funds where they are needed most. JAG funds can be used for state and local initiatives, technical assistance training, personnel, equipment, supplies, contractual support, and information systems for criminal justice for any one or more of the following purpose areas:

- Law enforcement programs.
- Prosecution and court programs.
- Prevention and court programs.
- Corrections and community corrections programs.
- Drug treatment and programs.
- Planning, evaluation, and technology improvement programs.

In Texas, the Office of the Governor will accept applications to provide personnel, equipment, supplies, contractual support, training, technical assistance, and information systems for criminal justice purposes.

"Criminal Justice Purposes" is defined as activities pertaining to crime prevention, control, or reduction, or the enforcement of the criminal law, including, but not limited to, police efforts to prevent, control, or reduce crime or to apprehend criminals, including juveniles, activities of courts having criminal jurisdiction, and related agencies (including but not limited to prosecutorial and defender services, juvenile delinquency agencies and pretrial service or release agencies), activities of corrections, probation, or parole authorities and related agencies assisting in the rehabilitation, supervision, and care of criminal offenders, and programs relating to the prevention, control, or reduction of narcotic addiction and juvenile delinquency.

Eligibility:

Eligible applicants are Texas state agencies, public and private institutions of higher education, independent school districts, Native American tribes, councils of governments, non-profit corporations (including hospitals and faith-based organizations), and units of local government,



Award Information:

Up to \$6,500,000 was available. Awards will be at least \$10,000 each. Project periods may extend up to 12-months, beginning October 1, 2020. Cost sharing/matching is not required.

Deadline Description:

Applications were to be submitted by February 27, 2020. A similar deadline is anticipated annually.

History of Funding:

None is available.

Additional Information:

JAG funds cannot be used directly or indirectly for security enhancements or equipment for nongovernmental entities not engaged in criminal justice or public safety. Additionally, JAG funds may not be used directly or indirectly to pay for any of the following items:

- Vehicles, vessels, or aircraft
- Unmanned aerial vehicles/unmanned aircraft, aircraft system, or aerial vehicles (UA/UAS/UAV)
- Luxury items
- Real estate
- Construction projects (other than penal or correctional institutions)

Contact:

eGrants HelpDesk, Application Processing
Texas Office of the Governor
P.O. Box 12428
Austin, Texas 78711-1248
Phone: (512) 463-1919
Email: egrants@gov.texas.gov

Web Links:

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



County Essential Services Program

Authority:

Texas Office of the Governor

Summary:

The County Essential Services Program provides financial assistance to counties for essential public services including law enforcement services, jail services, court services, or reimbursement of extraordinary costs incurred for the investigation or prosecution of a capital murder or crimes committed because of bias or prejudice. Projects will be considered on a case-by-case basis with preference given to counties seeking reimbursement for costs incurred for the investigation and/or prosecution of capital murder or crimes committed because of bias or prejudice.

Eligibility:

Texas counties are eligible to apply. Eligible applicants must first contact the Criminal Justice Division for approval to begin the application process.

Award Information:

Award amounts vary. Awards will last up to 1 year. Cost matching is not required.

Deadline Description:

Eligible applicants must first contact CJD for prior approval to begin the application process. Applications are then accepted on a rolling basis.

History of Funding:

None is available.

Additional Information:

Eligible costs may include:

- Expert witness fees and travel;
- Trial exhibit costs;
- Additional courtroom security;
- Juror expenses;
- Investigative services;
- Court reporter fees (original transcripts only);
- Costs associated with change of venue including detention services;
- Prosecution costs;

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Town of Addison, TX

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- Other costs associated with trial and prosecution of crimes under Sec. 19.03 of the Penal Code or Article 42.014 of the Code of Criminal Procedure.

Grant funds may not be used to support the unallowable costs listed in the Guide to Grants or any of the following unallowable costs:

- Transcript copy fees;
- Indigent defense costs;
- Construction, renovation, or remodeling;
- Law enforcement equipment that is standard department issue; and
- Any other prohibition imposed by federal, state or local law or regulation.

Contact:

Andrew Friedrichs, Program Manager
Texas Office of the Governor
Phone: (512) 463-1919
Email: andrew.friedrichs@gov.texas.gov

Web Links:

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



TxDOT Traffic Safety Grants

Authority:

Texas Department of Transportation (TxDOT)

Summary:

TxDOT funding supports the targets and strategies of traffic safety programs to reduce the number of motor vehicle related crashes, injuries, and fatalities in Texas. These targets and strategies form the basis for the FY 2018 Texas Highway Safety Plan (HSP).

In FY 2020, TxDOT will focus solely on the General Traffic Safety Program. This initiative funds non-enforcement projects which address any of the following highway safety program areas:

- Alcohol and other Drug Countermeasures - Proposals are being accepted that address the problems of Driving While Intoxicated (DWI) and Driving under the Influence (DUI) of Alcohol by Minor.
- Distracted Driving - Proposals are being accepted for raising the awareness of the dangers of distracted driving.
- Motorcycle Safety - Proposals are being accepted for raising the awareness of rider education, rider awareness, and motorist awareness.
- Occupant Protection - Proposals are being accepted for the execution of one statewide conference (1-2 days in length) for child passenger safety technicians and instructors to raise awareness of CPS issues and conduct needed in-service training for CPS techs and instructors
- Pedestrian and Bicycle Safety - Proposals are being accepted for (1) improving riding skills and knowledge of traffic laws among adult bicyclists and (2) to provide education efforts that address and reduce the growing number of pedestrian fatalities and injuries.
- Traffic Records - Proposals are being accepted to conduct one Traffic Records Program Area Assessment
- Driver Education and Behavior - Proposals are being accepted to (1) conduct one Driver Education Program Assessment, and (2) to identify the major contributing teen crash causation factors and examining how these factors are taught to young adults in the Teen and Adult Driver Education. The proposal should recommend curriculum modifications and create new or identify existing ancillary materials to support driver education teachers, driving safety instructors, and parents in the training of these high risk areas to reduce crashes in these areas.
- Surveys, Studies, or Analysis - Proposals are being accepted for conducting surveys to assess (1) statewide occupant restraint use, (2) statewide mobile communication use, (3) statewide driver attitude and awareness of traffic safety programs, and (4) safety belt use in ten cities during the Click It or Ticket (CIOT) campaign; pre, mid, post campaign.

Additional funding is available for General Traffic Safety Grants. These projects should be supported by relevant traffic safety data and provide a clear, concise, and accurate description of the problem that the project aims to address.



Eligibility:

Eligible applicants are Texas State and local governments, educational institutions, and non-profit organizations.

Award Information:

Up to \$45,000,000 was available in total funding. Individual award amounts vary. Cost sharing/matching of 20% is required. Grant periods will extend 12-months, beginning October 1, 2020.

Deadline Description:

Applications were to be submitted by January 9, 2020. A similar deadline is anticipated annually.

History of Funding:

None is available.

Additional Information:

Unallowable costs include, but are not limited to: Advertising, Office Furnishings, Out-of-State Travel, Contractual Services, and Equipment over \$5,000

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Web Links:

Program Page: <https://www.txdot.gov/apps/eGrants/eGrantsHelp/rfp.html>

Application Guidance: <https://www.txdot.gov/apps/egrants/eGrantsHelp/RFP/2021/RFP2021.pdf>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



STOP Violence Against Women Act (VAWA) Program

Authority:

Texas Office of the Governor

Summary:

Established by the Violence Against Women Act of 1994, the STOP Violence Against Women Act (VAWA) Program seeks to develop and implement law enforcement and prosecution strategies to effectively decrease violent crimes against women. These grants also help to develop and enhance services provided to the victims of violent crimes.

In Texas, the Texas Office of the Governor is responsible for coordinating VAWA funds with local agencies. Funds through VAWA provide systematic and sustained focus on permanent systems change within the Texas criminal justice system, while simultaneously developing a comprehensive network of domestic violence and sexual assault victim service advocates and programs throughout Texas communities.

In FY 2020, Texas identified the following eligible activities for VAWA Funding:

- Training law enforcement officers, judges, other court personnel, and prosecutors to more effectively identify and respond to violent crimes against women, including the crimes of sexual assault, domestic violence, dating violence, and stalking;
- Developing, training, or expanding units of law enforcement officers, judges, other court personnel, and prosecutors specifically targeting violent crimes against women, including the crimes of sexual assault, domestic violence, dating violence, and stalking;
- Developing and implementing more effective police, court, and prosecution policies, protocols, orders, and services specifically devoted to preventing, identifying, and responding to violent crimes against women, including the crimes of sexual assault, domestic violence, dating violence, and stalking, as well as the appropriate treatment of victims;
- Developing, installing, or expanding data collection and communication systems, including computerized systems, linking police, prosecutors, and courts or for the purpose of identifying, classifying, and tracking arrests, protection orders, violations of protection orders, prosecutions, and convictions for violent crimes against women, including the crimes of sexual assault, domestic violence, dating violence, and stalking;
- Supporting formal and informal statewide, multidisciplinary efforts, to the extent not supported by state funds, to coordinate the response of state law enforcement agencies, prosecutors, courts, victim services agencies, and other state agencies and departments, to violent crimes against women, including the crimes of sexual assault, domestic violence, dating violence, and stalking;
- Training of sexual assault forensic medical personnel examiners in the collection and preservation of evidence, analysis, prevention, and providing expert testimony and treatment of trauma related to sexual assault;
- Developing, enlarging, or strengthening programs to assist law enforcement, prosecutors, courts, and others to address the needs and circumstances of older and disabled women who are victims of sexual assault, domestic violence, dating violence, or stalking, including recognizing, investigating,



- and prosecuting instances of such violence or assault and targeting outreach and support, counseling, and other victim services to such older and disabled individuals;
- Developing and promoting state or local policies that enhance best practices for responding to sexual assault, domestic violence, dating violence, and stalking;
- Developing, implementing, or enhancing Sexual Assault Response Teams, or other similar coordinated community responses to sexual assault;
- Developing and strengthening policies, protocols, best practices, and training for law enforcement agencies and prosecutors relating to the investigation and prosecution of sexual assault cases and the appropriate treatment of victims.;
- Identifying and conducting inventories of backlogs of sexual assault evidence collection kits and developing protocols and policies for responding to and addressing such backlogs, including protocols and policies for notifying and involving victims.

Eligibility:

Eligible applicants are Texas units of local government, rape crisis centers, domestic violence shelters, faith-based and community-based victim service organizations providing services to victims of domestic violence, sexual assault, stalking and dating violence.

Award Information:

Up to \$10,981,529 was available in 2020. Awards must be at least \$5,000. Project periods extend up to 12-months, beginning September 1, 2020. Cost sharing/matching of 30% of the total project cost is required. Indian tribal governments are not required to provide a match.

Deadline Description:

Applications were to be submitted by February 27, 2020. A similar deadline is anticipated annually.

History of Funding:

None is available.

Additional Information:

Ineligible activities and cost items include, but are not limited to the following:

- Lobbying and administrative advocacy;
- Construction or physical modification to buildings, including minor renovations (such as painting or carpeting);
- Law enforcement equipment such as uniforms, safety vests, shields and weapons;
- Substance abuse counseling for victims;
- Purchase or real estate or vehicles;
- Research Projects;
- Fundraising campaigns, endowment drives, or solicitation of gifts and bequests;



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Web Links:

Announcement/Press Release: [file:///C:/Users/ShannonDay/Downloads/WF-VAWA Announcement-com PV21%20\(1\).pdf](file:///C:/Users/ShannonDay/Downloads/WF-VAWA%20Announce-com%20PV21%20(1).pdf)

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



State Homeland Security Program (SHSP)

Authority:

Texas Office of the Governor

Summary:

The SHSP is a core assistance program that provides funds to build capabilities at the State, local, tribal, and territorial levels, to enhance our national resilience to absorb disruptions and rapidly recover from incidents both natural and man-made as well as to implement the goals and objectives included in State homeland security strategies and initiatives in their State Preparedness Report (SPR).

SHSP supports the implementation of risk driven, capabilities-based State Homeland Security Strategies to address capability targets set in Urban Area, State, and regional Threat and Hazard Identification and Risk Assessments (THIRAs). The capability levels are assessed in the State Preparedness Report (SPR) and inform planning, organization, equipment, training, and exercise needs to prevent, protect against, mitigate, respond to, and recover from acts of terrorism and other catastrophic events.

In Texas, the Texas Governor's Office, Division of Emergency Management is responsible for coordinating homeland security initiatives and various federal grants. Funds through SHSP are used to aid in the training of emergency first responders, the purchase of state-of-the-art equipment for combating and preventing terrorist acts and for planning, and exercise. Funds are also used for management, administration and the development of citizen corps projects at the local level.

In FY20, funding will be made available for the following projects:

- Critical Infrastructure
- Cybersecurity
- Intelligence and Information Sharing
- Interoperable Emergency Communications
- Operational Coordination
- State, Regional and Local Planning efforts
- Sustaining Special Response Teams and First Responder Capabilities (including Border Security capabilities)

Each of Texas' 24 COGs holds its own application planning workshops, workgroups, and/or subcommittees and facilitates application prioritization for certain programs within its region. Applicants must contact their applicable regional council of governments (COG) regarding their application.

Eligibility:

The Office of the Governor is the only eligible entity eligible to apply to FEMA for SHSP funds. Funds are then awarded to Texas state agencies, regional councils of governments, units of local government, nonprofit organizations, universities or colleges, and Federally recognized Native American tribes.

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Award Information:

The FY20 allocation to the state of Texas is \$20,591,000. Grants are awarded directly to the State. Funds are then allocated to local governmental units. At least 80% of the funds awarded under SHSP must be obligated to local government units within 45 days of the acceptance of the grant award.

Deadline Description:

Regional applications were to submit applications to the State of Texas by February 27, 2020. The Office of the Governor will then submit an application to FEMA in April 2020. Similar deadlines are anticipated annually.

History of Funding:

The FY19 allocation to the state of Texas was \$21,498,000.

Additional Information:

Grant funds may not be used to support the following services, activities, and costs:

- Vehicles or equipment for government agencies that are for general agency use and/or do not have a clear nexus to terrorism prevention, interdiction, and disruption (i.e. mobile data terminals, body cameras, in-car video systems, or radar units, etc. for officers assigned to routine patrol; general firefighting equipment or uniforms);
- Weapons, ammunition, tasers, weaponized vehicles or explosives (exceptions may be granted when explosives are used for bomb squad training);
- Any use of grant funds to replace (supplant) funds that have been budgeted for the same purpose through non-grant sources;
- Amateur radios and equipment, FMS radios, GMRS radios, or other radio equipment that is not P25 compliant

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Web Links:

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.

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SHSP Law Enforcement Terrorism Prevention Activities (LETPA)

Authority:

Texas Office of the Governor

Summary:

The purpose of this program is to provide funding for projects that support state and local efforts to prevent terrorism and other catastrophic events and prepare for the threats and hazards that pose the greatest risk to the security of Texas citizens. All LETPA investments must be consistent with capability targets set during the Threat and Hazard Identification and Risk Assessment (THIRA) process, and gaps identified in the State Preparedness Report (SPR). The SHSP-LETPA is intended to support investments that improve the ability of jurisdictions to:

- Prevent a threatened or an actual act of terrorism; and/or
- Protect its citizens, residents, visitors, and assets against the greatest threats and hazards.

Grant projects must address one of the following approved activity areas:

- Critical Infrastructure
- Cybersecurity
- Fusion Centers;
- Intelligence and Information Sharing;
- Interoperable Emergency Communications;
- Operational Coordination;
- State, Regional and Local Planning;
- Sustaining Special Response Teams and First Responder Capabilities (including Border Security capabilities)

Many activities which support the achievement of target capabilities related to terrorism preparedness may simultaneously support enhanced preparedness for other hazards unrelated to acts of terrorism. However, all SHSP-LETPA projects must assist grantees in achieving target capabilities related to preventing, preparing for, or protecting against acts of terrorism.

Eligibility:

Eligible applicants are Texas state agencies, regional councils of governments, units of local government, nonprofit organizations, universities or colleges, and Federally recognized Native American tribes.

Award Information:

Individual awards start at \$2,500 each. Project periods may extend up to 24-months, beginning September 1, 2020. Project periods for equipment only projects are generally awarded for a 6 to 12 month grant period. Cost matching is not required.

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Deadline Description:

Applications were to be submitted by February 27, 2020. A similar deadline is anticipated annually.

History of Funding:

None is available.

Additional Information:

Grant funds may not be used to support the following services, activities, and costs:

- Vehicles or equipment for government agencies that are for general agency use and/or do not have a clear nexus to terrorism prevention, interdiction, and disruption (i.e. mobile data terminals, body cameras, in-car video systems, or radar units, etc. for officers assigned to routine patrol; general firefighting equipment or uniforms);
- Weapons, ammunition, tasers, weaponized vehicles or explosives (exceptions may be granted when explosives are used for bomb squad training);
- Food, meals, beverages, or other refreshments, except for eligible per diem associated with grant-related travel or where pre-approved for working events;
- Any use of grant funds to replace (supplant) funds that have been budgeted for the same purpose through non-grant sources;
- Legal services for adult offenders; or
- Amateur radios and equipment, FMS radios, GMRS radios, or other radio equipment that is not P25 compliant

Contact:

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Web Links:

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



Urban Areas Security Initiative (UASI)

Authority:

Texas Office of the Governor

Summary:

The UASI Program assists high-threat, high-density Urban Areas in efforts to build and sustain the capabilities necessary to prevent, protect against, mitigate, respond to, and recover from acts of terrorism.

The UASI program is intended to provide financial assistance to address the unique multi-discipline planning, organization, equipment, training, and exercise needs of high-threat, high-density Urban Areas, and to assist these areas in building and sustaining capabilities to prevent, protect against, mitigate, respond to, and recover from threats or acts of terrorism using the Whole Community approach.

Activities implemented with UASI funds must support terrorism preparedness by building or enhancing capabilities that relate to the prevention of, protection from, mitigation of, response to or recovery from terrorism in order to be considered eligible. However, many capabilities which support terrorism preparedness simultaneously support preparedness for other hazards. Grantees must demonstrate the dual-use quality for any activities implemented that are not explicitly focused on terrorism preparedness. Urban Areas must use UASI funds to employ regional approaches to overall preparedness and are encouraged to adopt regional response structures whenever appropriate.

In developing applications for UASI, recipients are encouraged to consider national areas identified for improvement including: (1) Projects that address emerging threats, including cybersecurity; and (2) Projects that enable continuous operation of critical business and government functions – including those essential to human health, safety, and/or economic security.

In Texas, the Texas Office of the Governor is responsible for coordinating homeland security initiatives and UASI Program Funds. This agency is responsible for managing the financial and reporting aspects of the grant programs in accordance with established federal guidelines and allocating funds to local, regional, and other state government agencies.

Eligibility:

Eligible applicants are Texas state agencies; regional councils of governments; units of local government; nonprofit organizations; and universities or colleges located within an identified Urban Area. In FY 20, these areas are Dallas/Fort Worth/Arlington, Houston, and San Antonio areas.

Award Information:

The FY20 allocation to Texas is \$16,900,000 for the Dallas/Fort Worth/Arlington areas, \$24,600,000 for the Houston area, and \$3,500,000 for the San Antonio Area. Subaward amounts will vary. No cost sharing/matching is required.



Deadline Description:

Eligible applicants should contact the applicable Urban Area Working Group (UAWG) regarding their application. Each UAWG holds its own application planning workshops, workgroups, and/or subcommittees and facilitates application prioritization for certain programs within its area. UAWG applications are then to be submitted to the Texas Office of the Governor Homeland Security Grants Division (HSGD) in April 2020. Similar deadlines are anticipated annually.

History of Funding:

The FY19 allocation to Texas was \$16,900,000 for the Dallas/Fort Worth/Arlington areas, \$24,600,000 for the Houston area, and \$3,250,000 for the San Antonio Area

Additional Information:

In Texas, the following services, activities, and costs are ineligible:

- Inherently religious activities such as prayer, worship, religious instruction, or proselytization;
- Lobbying;
- Vehicles or equipment for government agencies that are for general agency use and/or do not have a clear nexus to terrorism prevention, interdiction, and disruption (i.e. mobile data terminals, body cameras, in-car video systems, or radar units, etc. for officers assigned to routine patrol); or
- Weapons, ammunition, tracked armored vehicles, weaponized vehicles or explosives (exceptions may be granted when explosives are used for bomb squad training).

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Web Links:

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



UASI Law Enforcement Terrorism Prevention Activities (LETPA) Grant

Authority:

Texas Office of the Governor

Summary:

The purpose of the Urban Area Security Initiative Law Enforcement Terrorism Prevention Activities (UASI LETPA) program is to assist high-threat, high-density Urban Areas in efforts to build and sustain the capabilities necessary to prevent terrorist attacks and support critical prevention and protection activities. All LETPA investments must be consistent with capability targets set during the Threat and Hazard Identification and Risk Assessment (THIRA) process, and gaps identified in the State Preparedness Report (SPR).

The UASI is intended to support investments that improve the ability of jurisdictions to:

- Prevent a threatened or an actual act of terrorism; and/or
- Protect its citizens, residents, visitors, and assets against the greatest threats and hazards.

All capabilities being built or sustained must have a clear linkage to one or more of the following Core Capabilities in the National Preparedness Goal: Planning, Public Information and Warning, Operational Coordination, Intelligence and Information Sharing, Interdiction and Disruption, Screening, Search, and Detection, and Forensics and Attribution.

Many capabilities which support terrorism preparedness simultaneously support preparedness for other hazards. Grantees must demonstrate this dual-use quality for any activities implemented under this program that are not explicitly focused on terrorism preparedness. Activities implemented under the UASI program must support terrorism preparedness by building or sustaining capabilities that relate to the prevention of, or protection from, terrorism.

NOTE: Interoperable communications projects must enhance current capabilities or address capability gaps identified by the Texas Department of Public Safety (DPS) or Texas Interoperable Communications Coalition (TxICC) in either the Texas Statewide Interoperability Plan (SCIP) or DPS Report on Interoperable Communications to the Texas Legislature. Projects to increase voice communications interoperability for counties with the lowest interoperability levels are preferred over other types of communications projects. Prior to purchase, planned expenditures must receive validation from the Statewide Interoperability Coordinator (SWIC). Projects for the purchase of radios and similar equipment are only permitted under LETPA when the equipment is for members of special teams and the project narrative outlines how the teams will use the equipment for terrorism prevention/protection activities.



Eligibility:

Eligible applicants are Texas state agencies; regional councils of governments; units of local government; nonprofit organizations; and universities or colleges located within an identified Urban Area. In FY 2020, these areas are Dallas/Fort Worth/Arlington, Houston, and San Antonio areas.

Award Information:

The FY20 allocation to Texas is \$39,050,000 the Dallas/Fort Worth/Arlington, Houston, and San Antonio areas. Individual award amounts vary. Cost matching is not required.

Deadline Description:

Applications were to be submitted by April 3, 2020. A similar deadline is anticipated annually.

History of Funding:

None is available.

Additional Information:

In Texas, the following services, activities, and costs are ineligible:

- Inherently religious activities such as prayer, worship, religious instruction, or proselytization;
- Lobbying;
- Vehicles or equipment for government agencies that are for general agency use and/or do not have a clear nexus to terrorism prevention, interdiction, and disruption (i.e. mobile data terminals, body cameras, in-car video systems, or radar units, etc. for officers assigned to routine patrol); or
- Weapons, ammunition, tracked armored vehicles, weaponized vehicles or explosives (exceptions may be granted when explosives are used for bomb squad training).

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Web Links:

Program Page: <https://egrants.gov.texas.gov/fundopp.aspx>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.

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Emergency Management Performance Grant (EMPG)

Authority:

Texas Department of Public Safety

Summary:

The purpose of the Emergency Management Performance Grant (EMPG) Program is to provide Federal funds to states to assist state, local, territorial, and tribal governments in preparing for all hazards. The EMPG Program supports a comprehensive, all-hazard emergency preparedness system by building and sustaining the core capabilities contained in the Goal.

The FY 2020 EMPG program funds support investments that improve the ability of jurisdictions to:

- Prevent a threatened or an actual act of terrorism;
- Protect our citizens, residents, visitors, and assets against the greatest threats and hazards;
- Mitigate the loss of life and property by lessening the impact of future disasters;
- Respond quickly to save lives, protect property and the environment, and meet basic human needs in the aftermath of a catastrophic incident; and/or
- Recover through a focus on the timely restoration, strengthening, and revitalization of infrastructure, housing, and a sustainable economy, as well as the health, social, cultural, historic, and environmental fabric of communities affected by a catastrophic incident.

In Texas, the Texas Department of Public Safety (TxDPS) is responsible for coordinating state and federal resources to assist local government in response and relief activities in the event of an emergency or disaster.

Eligibility:

TxDPS is the only entity eligible to apply to FEMA for EMPG funds. Funds are then allocated to county emergency management agencies and local municipalities in Texas.

Award Information:

The FY20 allocation to the state of Texas is \$20,667,921. Grants are awarded directly to the State. Funds are then allocated to emergency management agencies and local jurisdictions. At least 80% of the funds awarded under EMPG must be obligated to local government units within 45 days of the acceptance of the grant award. Awards will last for 24 months. Cost sharing/matching of 50% is required.

NOTE: The 2020 CARES Act appropriated \$100 million in EMPG-S funding for COVID-19 response. Under this one-time supplemental program, the state of Texas was allocated an additional \$5,993,222 to support state and local response to the public health emergency.



Deadline Description:

City and county emergency management programs were to apply to the State of Texas by January 31, 2020 to be included in the state application. TxDPS will then submit an application to FEMA in April 2020. Similar deadlines are anticipated annually.

History of Funding:

The FY19 allocation to the state of Texas was \$20,523,217.

Additional Information:

Funds may not be used for: (1) Expenditures for weapons systems and ammunition; (2) Costs to support the hiring of sworn public safety officers for the purposes of fulfilling traditional public safety duties or to supplant traditional public safety positions and responsibilities; or (3) Activities and projects unrelated to the completion and implementation of the EMPG Program

Contact:

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Web Links:

Program Page: <https://tdem.texas.gov/emergency-management-performance-grant/>

Application Guidance: <https://tdem.texas.gov/wp-content/uploads/2019/12/2020-EMPG-LOCAL-GUIDANCE-12192019-v2.pdf>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



Improving Criminal Justice Responses (ICJR) Program

Authority:

Office on Violence against Women (OVW)

Summary:

The Improving Criminal Justice Responses to Sexual Assault, Domestic Violence, Dating Violence, and Stalking Grant Program (Improving Criminal Justice Responses Program) is designed to encourage partnerships between state, local, and tribal governments, courts, victim service providers, coalitions and rape crisis centers, to ensure that sexual assault, domestic violence, dating violence, and stalking are treated as serious violations of criminal law requiring the coordinated involvement of the entire criminal justice system and community-based victim service organizations. The Improving Criminal Justice Responses Program challenges the community to work collaboratively to identify problems and share ideas that will result in new responses to ensure victim safety and offender accountability. In FY 2020, OVW is interested in supporting the priority areas identified below. Applications proposing activities in the following areas will be given special consideration during the review process.

- Reduce violent crime against women and promote victim safety through investing in law enforcement and increasing prosecution.
- Address the specific challenges that rural communities face in responding to sexual violence.
- Applicants who do not currently provide for centralized handling of cases involving domestic violence, dating violence, sexual assault, or stalking by police, prosecutors, and courts
- Applicants who have established cooperative agreements or can demonstrate effective ongoing collaborative arrangements with neighboring jurisdictions to facilitate the enforcement of protection orders from other states and jurisdictions, including tribal jurisdictions; and
- Applicants who intend to utilize grant funds to develop and install data collection and communication systems, including computerized systems, and training on how to use these systems effectively to link police, prosecutors, courts and tribal jurisdictions for the purpose of identifying and tracking protection orders and violations of protection orders, in those jurisdictions where such systems do not exist or are not fully effective.

Funds may be used for the following statutory purpose areas:

- Implement pro-arrest programs and policies in police departments, including policies for protection order violations and enforcement of protection orders across state and tribal lines.
- Develop policies, educational programs, protection order registries, data collection systems, and training in police departments to improve tracking of cases and classification of complaints involving sexual assault, domestic violence, dating violence, and stalking.
- Centralize and coordinate police enforcement, prosecution, or judicial responsibility for sexual assault, domestic violence, dating violence, and stalking cases in teams or units of police officers, prosecutors, parole and probation officers, or judges.

- Coordinate computer tracking systems and provide the appropriate training about sexual assault, domestic violence, dating violence, and stalking to ensure communication between police, prosecutors, parole and probation officers, and both criminal and family courts.
- Strengthen legal advocacy service programs and other victim services for victims of sexual assault, domestic violence, dating violence, and stalking, including strengthening assistance to such victims in immigration matters.
- Educate federal, state, tribal, territorial, and local judges, courts, and court-based and court-related personnel in criminal and civil courts (including juvenile courts) about sexual assault, domestic violence, dating violence, and stalking and improve judicial handling of such cases.
- Provide technical assistance and computer and other equipment to police departments, prosecutors, courts, and tribal jurisdictions to facilitate the widespread enforcement of protection orders, including interstate enforcement, enforcement between states and tribal jurisdictions, and enforcement between tribal jurisdictions.
- Develop or strengthen policies and training for police, prosecutors, and the judiciary in recognizing, investigating, and prosecuting instances of sexual assault, domestic violence, dating violence, and stalking against older individuals and individuals with disabilities.
- Develop state, tribal, territorial, or local policies, procedures, and protocols for preventing dual arrests and prosecutions in cases of sexual assault, domestic violence, dating violence, and stalking, and develop effective methods for identifying the pattern and history of abuse that indicates which party is the actual perpetrator of abuse; the actual perpetrator of abuse.
- Plan, develop and establish comprehensive victim service and support centers, such as family justice centers, designed to bring together victim advocates from victim service providers, staff from population specific organizations, law enforcement officers prosecutors, probation officers, governmental victim assistants, forensic medical professionals, civil legal attorneys, chaplains, legal advocates, representatives from community-based organizations and other relevant public or private agencies or organizations into one centralized location, in order to improve safety, access to services, and confidentiality for victims and families.
- Develop and implement policies and training for police, prosecutors, probation, and parole officers, and the judiciary in recognizing, investigating, and prosecuting instances of sexual assault, with an emphasis on recognizing the threat to the community for repeat crime perpetration by such individuals.
- Develop, enhance and maintain protection order registries.
- Develop human immunodeficiency virus (HIV) testing programs for sexual assault perpetrators and notification and counseling protocols.
- Develop and implement training programs for prosecutors and other prosecution-related personnel regarding best practices to ensure offender accountability, victim safety, and victim consultation in cases involving sexual assault, domestic violence, dating violence, and stalking.
- Develop or strengthen policies, protocols, and training for law enforcement, prosecutors, and the judiciary in recognizing, investigating, and prosecuting instances of sexual assault, domestic violence, dating violence, and stalking against immigrant victims, including the appropriate use of applications for nonimmigrant status
- Develop and promote state, local, or tribal legislation and policies that enhance best practices for responding to the crimes of sexual assault, domestic violence, dating violence, and stalking, including the appropriate treatment of victims.
- Develop, implement, or enhance sexual assault nurse examiner programs or sexual assault forensic examiner programs, including the hiring and training of such examiners.



- Develop, implement, or enhance Sexual Assault Response Teams or similar coordinated community responses to sexual assault.
- Develop and strengthen policies, protocols, and training for law enforcement officers and prosecutors regarding the investigation and prosecution of sexual assault cases and the appropriate treatment of victims.
- Provide human immunodeficiency virus testing programs, counseling, and prophylaxis for victims of sexual assault.
- Identify and inventory backlogs of sexual assault evidence collection kits and develop protocols for responding to and addressing such backlogs, including policies and protocols for notifying and involving victims.
- Develop multidisciplinary high-risk teams focusing on reducing domestic violence and dating violence homicides

Eligibility:

Eligible applicants are states; units of local government; Indian tribal governments; state, tribal and local courts; state, tribal, or territorial domestic violence or sexual assault coalitions; or victim service providers. Grant recipients that received funding for 36 months in 2018 or 2019 are NOT eligible to apply for 2020 awards.

Mandatory Partnerships - An effective response to sexual assault, domestic violence, dating violence, and stalking begins with coordination of the public and private agencies that play a role in providing for victim safety and offender accountability. The required partnerships are:

- Government and Court Applicants - These applicants are required to enter into a formal collaboration with one or more nonprofit, nongovernmental victim service provider(s) serving victims of sexual assault, domestic violence, dating violence, and/or stalking. A victim service provider must be involved in the development and implementation of the project.
- Victim Service Provider Applicants - These applicants are required to enter into a formal collaboration with a state, local government, or tribal government as well as any specific governmental organizations that are necessary for the implementation of the proposed project.
- Applicants Addressing Underserved Populations - Applicants providing services to underserved populations must also partner with population specific organizations for the development and implementation of the project. Victim service providers that qualify as population specific should demonstrate the necessary experience and expertise.

Award Information:

Up to \$32,000,000 is available in total funding for FY20 for an anticipated 45 awards. Award amounts vary based on population served:

- Up to \$500,000 for projects with a service area population up to 400,000
- Up to \$750,000 for projects with a service area population 400,001 to 700,000;
- Up to \$1,000,000 for projects with a service area population 700,001 and above;
- Up to \$1,000,000 for statewide projects, regardless of service area population.

Cost sharing/matching is not required. Project periods will extend 36-months, starting October 1, 2020.



Deadline Description:

Applications were to be submitted by January 27, 2020. A similar deadline is anticipated annually.

History of Funding:

For additional information on the Improving Criminal Justice Responses Program, including what past grantees have accomplished with their grant funds and to view the Improving Criminal Justice Responses Program performance measures and reporting data, see <http://muskie.usm.maine.edu/vawamei/cdsarrestmain.htm>

Additional Information:

The following types of activities will not be supported:

- Research projects
- Direct legal representation.
- Prevention activities - e.g., outreach to elementary and secondary schools, implementation of educational programs regarding domestic and dating violence intervention, and public/community awareness campaigns.
- Family violence services. Grant funds may not be used to address child abuse, other family violence issues such as violence perpetrated by a child against a parent, or violence perpetrated by a sibling against another sibling.
- Services for children. Grant funds may not be used to provide direct services to children, including children who are witnesses or victims of violence, except where such services are an ancillary part of providing services to the parent of a child who is a victim of sexual assault, domestic violence, dating violence, or stalking (such as providing child care services while the victim receives services).
- Sex offender registry. Grant funds may not be used to create sex offender registries.

Contact:

OVW Improving Criminal Justice Responses Program Management, Program Manager
Office on Violence against Women (OVW)
145 N Street, NE, Suite 10W.121
Washington, District of Columbia 20530
Phone: (202) 307-6026
Email: ovw.icjr@usdoj.gov

Web Links:

Application Guidance: <https://www.justice.gov/ovw/page/file/1219766/download>

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.



COPS School Violence Prevention Program (SVPP)

Authority:

Office of Community Oriented Policing Services (COPS)

Summary:

The Students, Teachers, and Officers Preventing School Violence Act of 2018 (STOP School Violence Act of 2018) gave the COPS Office authority to provide awards to improve security at schools and on school grounds in the jurisdiction of the grantee through evidence-based school safety programs.

In FY2020, funding will be available for the following school safety measures:

- Acquisition and installation of technology for expedited notification to law enforcement during an emergency
- Coordination with local law enforcement
- Placement and use of metal detectors, locks, lighting, and other deterrent measures
- Training for local law enforcement officers to prevent school violence
- Any other measure that the COPS Office Director determines may provide a significant improvement in security

Any equipment and/or technology items included in the project budget must be clearly linked to the enhancement or implementation of the SVPP project. Examples of such items may include the following:

- Equipment
 - Entry Control Equipment, including door locking mechanisms/access control doors
 - School site alarm systems, including motion detectors
 - Metal detectors and X-ray machines, including portables (i.e. Handheld or Walk through)
 - Lighting on school grounds
- Technology
 - Communication technology (e.g. Emergency call boxes, Intercom systems, Panic alarm systems, Two-way radios)
 - Emergency alerts, including automated text messages or emails
 - Identification technology, including ID scanning devices and accompanying equipment
 - Social media monitoring, including automated scans of online content
 - Tracking systems, including smart phone applications
 - Video surveillance technology, including surveillance cameras and accompanying equipment
 - Violence prediction technology, including data driven software

Eligibility:

Eligible applicants are states, units of local government, Indian tribes, and public agencies (e.g. police departments, sheriff's departments, school districts). Applicants are strongly encouraged to submit an application that demonstrates a comprehensive approach to school safety.

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Town of Addison, TX

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Award Information:

Up to \$50,000,000 is available in FY2020. Awards may be up to \$500,000 each. Cost sharing/matching of 25% is required. Project periods will extend up to 36-months, starting October 1, 2020.

Deadline Description:

Applications were to be submitted by April 29, 2020. A similar deadline is anticipated annually.

History of Funding:

Previous awards may be viewed at:

- 2018 - <https://www.justice.gov/opa/press-release/file/1097856/download>
- 2019 - https://cops.usdoj.gov/pdf/2019AwardDocs/svpp/Award_List.pdf.
- 2020 - https://cops.usdoj.gov/pdf/2020AwardDocs/svpp/Award_List.pdf.

Additional Information:

Other allowable expenses under the SVPP program include:

- Supplies directly related to the SVPP project (e.g. training manuals, paper, ink, pens, postage, etc.).
- Salaries and fringe benefits for civilian/non-sworn personnel hired to carry out SVPP project activities (e.g. project coordinators, technology managers, emergency management coordinators, or trainers).
- Other costs, including prepaid warranties, maintenance agreements (not to exceed 24 months), overtime costs for civilian or law enforcement personnel engaging in SVPP-related activities, or other items with direct correlation to the overall success of an SVPP project and are necessary for the project to reach full implementation.

Contact:

COPS Response Center, Program Manager
Office of Community Oriented Policing Services (COPS)
145 N Street NE
Washington, District of Columbia 20530
Phone: (800) 421-6770
Email: askcopsrc@usdoj.gov

Web Links:

Program Page: <https://cops.usdoj.gov/svpp>

Application Guidance: https://cops.usdoj.gov/pdf/2020AwardDocs/svpp/app_guide.pdf

*Consult the program guidance by following the links provided at the above URLs. Additional relevant POCs are provided in the program guidance.

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Town of Addison, TX

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Worksheet 2: Panasonic/Grants Office Grantseeking Checklist for Town of Addison, TX

The following checklist outlines several of the most common steps to developing grant funding for projects. Depending on the specifics of your project, these steps may vary. We also encourage you to follow up with your Panasonic representative for further planning assistance, especially for pre-application budgeting and configuration advice.

ACTIVITY	DUE DATE	STATUS
Identify grant writing support staff or POC to support proposal development		
Complete a brief technology/project plan framework		
Contact collaborators appropriate to support the project		
Get sign off on the technology/project plan from collaborators		
Identify final list of grants to apply for based upon potential award schedule and aligned solutions (See Worksheet 1)		
Identify Panasonic product/solution to align with potential grants		
Activate grants development support resources		
Document support from project collaborators and the applicant executive		
Identify gaps or issues before application review		
Conduct a preliminary application review		
Conduct a final application review		
Submit the Application		



Brief Background on Grants

Grant Sources

Federal – Issuing from one of the 26 Federal grantmaking agencies, these grants tend to be large (often \$250,000 to \$500,000 in size) and restricted to broad, national priorities.

State – Issuing from a state agency, either using funds derived from within the state or passing through funds received from elsewhere (most often a federal agency), these grants tend to be more accessible, smaller than federal grants, and more in line with state priorities.

Private – Foundations and Corporations provide approximately \$50 billion each year in funding, and they tend to be the most responsive to locally developed projects and local needs.

All three of these sources may figure in to your funding strategy. A common approach is to fund the bulk of a project with federal and state funds, then apply to foundations to support the local elements that fall outside the parameters of the government funders, or to cover the required matching costs.

Grant Types

Formula – Funding allocations are based on a formula – such as student poverty (Every Student Succeeds Act Grants), risk assessments (State Homeland Security Grants) or number of acute care hospital beds (Hospital Preparedness Program Grants). As long as an eligible applicant completes an application in the timeline and format required by the funder, they're virtually assured of receiving the money their formula has determined they're eligible for.

Competitive – Applications are competitively scored based on a set of objective and/or subjective criteria, and the score the proposal receives factors in to the award allocation.

Grant Pathways

Direct – Funds go directly from the federal funding agency to local recipients.

Pass-through – Funds go through the state, and possibly even a regional entity, before they are made available to the local entity. States may still have to apply for these funds and often keep a portion to cover administrative costs, but then each state will maintain its own re-granting process, timelines, and priorities.

It's important to be aware of whether you are directly eligible to apply to a particular grant opportunity (and receive funds from it), or whether the opportunity is a pass-through grant for the state, and you will need to follow up with the state to determine what you need to do to apply for funds for your project.

This Funding Opportunity Report may contain direct and pass-through grants as well as formula and competitive programs. Each of these distinctions will have implications as the value of the program to your organization and the potential to raise new funding for your project.



The information in this research report was provided by Grants Office, LLC, a grants consulting firm, based on its understanding of grants programs and funding guidelines available as of the date this report was generated. No portion of this report or any documentation generated by Grants Office, LLC, may be reproduced or distributed without the expressed written consent of Grants Office, LLC. The Grants Office logo and all identifying characteristics must be intact, as well as the entirety of the report presented. The report represents Grants Office's interpretation of the programs and is not intended to replace official guidance provided by the funder. Changes to grant programs and deadlines are common and should be expected. Therefore, although every effort has been taken to ensure the accuracy of the information contained herein, we cannot guarantee that it will always be current, accurate, or complete. We strongly recommend you check the official guidance. For more information on Grants Office services, visit our website at www.grantsoffice.com.

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Town of Addison, TX

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STS360
4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635
www.sts360.com
TxDPS: B13798



ITEM	DESCRIPTION
1.	BID DOCUMENTS / ADDENDUM ACKNOWLEDGMENTS - SIGNED
2.	PROOF OF LICENSURE FROM TEXAS DEPARTMENT OF PUBLIC SAFETY <i>STS360 DPS B License attached</i>
3.	BID BOND LETTER <i>STS360 Cashiers Check for 5%</i>
4.	PROOF OF PREFERRED PARTNERSHIP WITH PANASONIC <i>Letter from Panasonic Attached</i>
5.	STS360 W-9
6.	HISTORICALLY UNDERUTILIZED BUSINESS CERTIFICATE <i>STS360 is a verified HUB Company and member of NCTRCA</i>
7.	FORM 1295
8.	CONFLICT OF INTEREST QUESTIONNAIRE <i>STS360 certifies that it does not have a Conflict of Interest</i>
9.	CERTIFICATES OF INSURANCE - Certificate of General Liability Insurance - Certificate of Auto Liability Insurance - Certificate of Workers Compensation Insurance
10.	PRODUCT SPECIFICATIONS - Indoor 1080P Wide Angle Camera – WV-S3131L - Outdoor 5MP Varifocal Dome Camera – WV-S2550L - Outdoor 5MP Bullet Camera – WV-S1550L - Outdoor 4K AI Enabled Bullet Camera – WV-X1571LN - Outdoor 4K 360 Camera – WV-X4571L - Outdoor 4K Multi-Sensor Camera – WV-X8570N - Outdoor 1080P 40x Optical Zoom IR Analytic PTZ – WV-X6533LN - Outdoor Explosion Proof 5MP Fixed Camera – TMO-X8072EPT1-Z - Network Video Recorder 2TB-12TB – NVR-R-1-XTB-V2 - Network Video Recorder 24TB-72TB – NVR-R-2-XTB-V2 - Network Video Recorder 80TB – NVR-R-2-80TB-V2 - Video Intercom - Aiphone JO Series with Mobile App

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Information and Instruction Form

RESPONSES THAT DO NOT CONTAIN THIS COMPLETED FORM MAY NOT BE COMPLIANT

Section I Company Profile

Name of Business: Sigma Surveillance Inc. DBA STS360
Business Address: 4040 SH 121, CARROLLTON, TX 75010

Contact Name: John Hoffman
Phone#: (469) 212-6022
Fax#: (866) 223 - 8167
Email: john@sts360.com

Name(s) Title of Authorized Company Officers:
Ashish Khullar, CEO,
Jose Garza, CTO,
John Hoffman, VP

Federal ID #: W9
DUN #: 623762510

Remit Address: If different than your physical address:

Section II Instructions to Bidders

Electronic Bids: The Town of Addison uses BidSync to distribute and receive bids and proposals. There will be **NO COST** to the Contractor/Supplier for Standard bids or proposals. For **Cooperative Bids and Reverse Auctions ONLY**, the successful contractor/supplier agrees to pay BidSync a transaction fee of one percent (1%) of the total amount of all contracts for goods and/or services. **Cooperative Bids and Reverse Auctions** will be clearly marked on the bid documents. To assure that all contractors/suppliers are treated fairly, the fee will be payable whether the bid/proposal is submitted electronically, or by paper means. Refer to www.bidsync.com for further information.

Contractor/Supplier Responsibility: It is the contractor/suppliers responsibility to check for any addenda or questions and answers that might have been issued before bid closing date and time. Contractors/Suppliers will be

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notified of any addenda and Q&A if they are on the invited list, they view the bid, or add themselves to the watch list.

Acknowledgement of Addenda: #1 #2 #3 #4 #5 #6

Delivery of Bids: For delivery of paper bids our physical address is:

Town of Addison

5350 Beltline Road

Dallas, TX 75254

Attn: Purchasing Department

Contractor/Supplier Employees: No Contractor/Supplier employee shall have a direct or indirect financial interest in any contract with the town, or be directly or indirectly financially interested in the sale of land, materials, supplies or services to the town.

- *Conflict of Interest Questionnaire Included in Proposal Attachments*

Deliveries: All deliveries will be F.O.B. Town of Addison. All Transportation Charges paid by the contractor/supplier to Destination.

Payment Terms: A Prompt Payment Discount of % is offered for Payment Made Within Days of Acceptance of Goods or Services. If Prompt Payments are not offered or accepted, payments shall be made 30 days after receipt and acceptance of goods or services or after the date of receipt of the invoice whichever is later.

Delivery Dates: Delivery Dates are to be specified in Calendar Days from the Date of Order.

Bid Prices: Pre-Award bid prices shall remain Firm and Irrevocable for a Period of 365 Days.

Exceptions: Contractor/Supplier does not take Exception to Bid Specifications or Other Requirements of this Solicitation. If neither exceptions box is checked, default shall be "No Exceptions"

Contractor/Supplier take the following Exception(s) to the Bid Specifications or Other Requirements of this Solicitation (Explain in Detail). If box checked but no exceptions are listed, default shall be "No Exceptions"
- No Exceptions

Historically Underutilized Business (HUB): It is the policy of the Town of Addison to involve HUBs in the procurement of goods, equipment, services and construction projects. Prime Contractors/Suppliers are encouraged to provide HUBs the opportunity to compete for sub-contracting and other procurement opportunities. A listing of HUBs in this area may be accessed at the following State of Texas Website.
<http://www.window.state.tx.us/procurement/cmb/cmbhub.html>.

HUB Owned Business Yes No Include a current copy of your HUB certification with your response or insert Certification number 1202542335600 and expire date 28-MAR-2023.

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Other Government Entities: Would bidder be willing to allow other local governmental entities to participate in this contract, if awarded under the same Terms and Conditions? Yes No

Bid Bond: Is Bid Bond attached if applicable? Yes No

Termination: The town at any time after issuance of this agreement, by 30 days written notice, has the absolute right to terminate this agreement for cause or convenience. Cause shall be the contractor/supplier's refusal or failure to satisfactorily perform or complete the work within the time specified, or failure to meet the specifications, quantities, quality and/or other requirements specified in the contract/purchase order. In such case the supplier shall be liable for any damages suffered by the town. If the agreement is terminated for convenience, the supplier has no further obligation under the agreement. Payment shall be made to cover the cost of material and work in process or "consigned" to the town as of the effective date of the termination.

Bidder Compliance: Bidder agrees to comply with all conditions contained in this Information and Instruction Form and the additional terms and conditions and specifications included in this request. The undersigned hereby agrees to furnish and deliver the articles or services as specified at the prices and terms herein stated and in strict accordance with the specifications and conditions, all of which are made a part of your offer. Your offer is not subject to withdrawal after the award is made.

The Town of Addison reserves the right to reject all or part of the offer and to accept the offer considered most advantageous to the town by item or total bid.

The Town of Addison will award to the lowest responsible bidder or to the bidder who provides goods or services at the best value for the Town.

I hereby certify that all of the information provided in sections I and II are true and accurate to the best of my knowledge.

Signature:



Date: 12/16/2020

Title: Vice President

Signature certifies no changes have been made to the content of this solicitation as provided by the Town of Addison.

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Town of Addison

Indemnification Agreement

Contractor's Indemnity Obligation. Contractor covenants, agrees to, and shall DEFEND (with counsel reasonably acceptable to Owner), INDEMNIFY, AND HOLD HARMLESS Owner, its past, present and future elected and appointed officials, and its past, present and future officers, employees, representatives, and volunteers, individually or collectively, in both their official and private capacities (collectively, the "Owner Persons") and each being an "Owner Person"), from and against any and all claims, liabilities, judgments, lawsuits, demands, harm, losses, damages, proceedings, suits, actions, causes of action, liens, fees (including attorney's fees), fines, penalties, expenses, or costs, of any kind and nature whatsoever, made upon or incurred by Owner and/or Owner Person, whether directly or indirectly, (the "Claims"), that arise out of, result from, or relate to: (i) the services to be provided by Contractor pursuant to this Agreement, (ii) any representations and/or warranties by Contractor under this Agreement, (iii) any personal injuries (including but not limited to death) to any Contractor Persons (as hereinafter defined) and any third persons or parties, and/or (iv) any act or omission under, in performance of, or in connection with this Agreement by Contractor or by any of its owners, directors, officers, managers, partners, employees, agents, contractors, subcontractors, invitees, patrons, guests, customers, licensees, sublicensees, or any other person or entity for whom Contractor is legally responsible, and their respective owners, directors, officers, directors, officers, managers, partners, employees, agents, contractors, subcontractors, invitees, patrons, guests, customers, licensees, sublicensees (collectively, "Contractor Persons"). **SUCH DEFENSE, INDEMNITY AND HOLD HARMLESS SHALL AND DOES INCLUDE CLAIMS ALLEGED OR FOUND TO HAVE BEEN CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE OR GROSS NEGLIGENCE OF OWNER OR ANY OTHER OWNER PERSON, OR CONDUCT BY OWNER OR ANY OTHER OWNER PERSON THAT WOULD GIVE RISE TO STRICT LIABILITY OF ANY KIND.**

Contractor shall promptly advise Owner in writing of any claim or demand against any Owner Person related to or arising out of Contractor's activities under this Agreement and shall see to the investigation and defense of such claim or demand at Contractor's sole cost and expense. The Owner Persons shall have the right, at the Owner Persons' option and own expense, to participate in such defense without relieving Contractor of any of its obligations hereunder. This defense, indemnity, and hold harmless provision shall survive the termination or expiration of this Agreement.

The provisions in the foregoing defense, indemnity and hold harmless are severable, and if any portion, sentence, phrase, clause or word included therein shall for any reason be held by a court of competent jurisdiction to be invalid, illegal, void, or unenforceable in any respect, such invalidity, illegality, voidness, or unenforceability shall not affect any other provision thereof, and this defense, indemnity and hold harmless provision shall be considered as if such invalid, illegal, void, or unenforceable provision had never been contained in this Agreement. **In that regard, if the capitalized language included in the foregoing indemnity is so determined to be void or unenforceable, the parties agree that:**

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(i) the foregoing defense, indemnity, and hold harmless obligation of Contractor shall be to the extent Claims are caused by, arise out of, or result from, in whole or in part, any act or omission of Contractor or any Contractor Persons; and

(ii) notwithstanding the provisions of the foregoing subparagraph (i), to the fullest extent permitted by law, Contractor shall INDEMNIFY, HOLD HARMLESS, and DEFEND Owner and Owner Persons from and against all Claims arising out of or resulting from bodily injury to, or sickness, disease or death of, any employee, agent or representative of Contractor or any of its subcontractors, regardless of whether such Claims are caused, or are alleged to be caused, in whole or in part, by the negligence, or any act or omission, of Owner or any Owner Persons, it being the expressed intent of Owner and Contractor that IN SUCH EVENT THE CONTRACTOR'S INDEMNITY, HOLD HARMLESS, AND DEFENSE OBLIGATION SHALL AND DOES INCLUDE CLAIMS ALLEGED OR FOUND TO HAVE BEEN CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE OR GROSS NEGLIGENCE OF OWNER OR ANY OTHER OWNER PERSON, OR CONDUCT BY OWNER OR ANY OTHER OWNER PERSON THAT WOULD GIVE RISE TO STRICT LIABILITY OF ANY KIND. The indemnity obligation under this subparagraph (ii) shall not be limited by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor under workers compensation acts, disability benefit acts, or other employee benefit acts.

I understand that the indemnification provisions are required of all Town of Addison Contracts. I have read the provisions and agree to the terms of these provisions.

Project/Bid#: 21-05

Company Name: Sigma Surveillance Inc. DBA STS360

Signature: 

Date: 12/16/2020

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TOWN OF ADDISON, TEXAS
CONTRACTOR INSURANCE REQUIREMENTS & AGREEMENT

REQUIREMENTS

Contractors performing work on TOWN OF ADDISON property or public right-of-way shall provide the TOWN OF ADDISON a certificate of insurance or a copy of their insurance policy(s) (and including a copy of the endorsements necessary to meet the requirements and instructions contained herein) evidencing the coverages and coverage provisions identified herein within ten (10) days of request from TOWN OF ADDISON. Contractors shall provide TOWN OF ADDISON evidence that all subcontractors performing work on the project have the same types and amounts of coverages as required herein or that the subcontractors are included under the contractor's policy. Work shall not commence until insurance has been approved by TOWN OF ADDISON.

All insurance companies and coverages must be authorized by the Texas Department of Insurance to transact business in the State of Texas and must have a A.M. Best's rating A-:VII or greater.

Listed below are the types and minimum amounts of insurances required and which must be maintained during the term of the contract. TOWN OF ADDISON reserves the right to amend or require additional types and amounts of coverages or provisions depending on the nature of the work.

TYPE OF INSURANCE	AMOUNT OF INSURANCE	PROVISIONS
1. Workers' Compensation Employers' Liability to include: (a) each accident (b) Disease Policy Limits (c) Disease each employee	Statutory Limits per occurrence Each accident \$1,000,000 Disease Policy Limits \$1,000,000 Disease each employee \$1,000,000	TOWN OF ADDISON to be provided a WAIVER OF SUBROGATION AND 30 DAY NOTICE OF CANCELLATION or material change in coverage. Insurance company must be A-:VII rated or above.
2. Commercial General (Public) Liability to include coverage for: a) Bodily Injury b) Property damage c) Independent Contractors d) Personal Injury e) Contractual Liability	Bodily Injury/Property Damage per occurrence \$1,000,000, General Aggregate \$2,000,000 Products/Completed Aggregate \$2,000,000, Personal Advertising Injury per occurrence \$1,000,000, Medical Expense 5,000	TOWN OF ADDISON to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION or material change in coverage. Insurance company must be A-:VII rated or above.
3. Business Auto Liability to include coverage for: a) Owned/Leased vehicles b) Non-owned vehicles c) Hired vehicles	Combined Single Limit \$1,000,000	TOWN OF ADDISON to be listed as ADDITIONAL INSURED and provided 30 DAY NOTICE OF CANCELLATION or material change in coverage. Insurance company must be A-:VII-rated or above.

Certificate of Liability Insurance forms (together with the endorsements necessary to meet the requirements and instructions contained herein) may be **faxed** to the Purchasing Department: **972-450-7074** or **emailed to: purchasing@addisontx.gov**. Questions regarding required insurance should be directed to the Purchasing Manager.

With respect to the foregoing insurance,

1. All liability policies shall contain no cross liability exclusions or insured versus insured restrictions applicable to the claims of the Town of Addison.

2. All insurance policies shall be endorsed to require the insurer to immediately notify the Town of Addison, Texas of any material change in the insurance coverage.
3. All insurance policies shall be endorsed to the effect that the Town of Addison, Texas will receive at least thirty (30) days' notice prior to cancellation or non-renewal of the insurance.
4. All insurance policies, which name the Town of Addison, Texas as an additional insured, must be endorsed to read as primary coverage regardless of the application of other insurance.
5. Insurance must be purchased from insurers that are financially acceptable to the Town of Addison and licensed to do business in the State of Texas.

All insurance must be written on forms filed with and approved by the Texas Department of Insurance. Upon request, Contractor shall furnish the Town of Addison with complete copies of all insurance policies certified to be true and correct by the insurance carrier.

This form must be signed and returned with your quotation. You are stating that you do have the required insurance and if selected to perform work for TOWN OF ADDISON, will provide the certificates of insurance (and endorsements) with the above requirements to TOWN OF ADDISON within 10 working days.

A CONTRACT/PURCHASE ORDER WILL NOT BE ISSUED WITHOUT EVIDENCE AND APPROVAL OF INSURANCE.

AGREEMENT

I agree to provide the above described insurance coverages within 10 working days if selected to perform work for TOWN OF ADDISON. I also agree to require any subcontractor(s) to maintain insurance coverage equal to that required by the Contractor. It is the responsibility of the Contractor to assure compliance with this provision. The TOWN accepts no responsibility arising from the conduct, or lack of conduct, of the Subcontractor.

Project/Bid# 21-05

Company: Sigma Surveillance Inc. DBA STS360

Printed Name: John Hoffman

Signature:  Date: 12/16/2020

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4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

12/16/2020

Town of Addison
Office of the Purchasing Manager
Addison Finance Building
5350 Belt Line Road
Dallas, Texas 75254

5% Bid Bond and Bonding Capacity Letter

To whom it may concern,

STS360 has a long history of bonding projects in the state of Texas successfully and has always fulfilled our bonding obligations. STS360 has a bonding capacity of 7.5 million dollars and 12 million dollars aggregate through our current surety. STS360 has recently changed surety bonding companies and due to delays with COVID we were not able to obtain the maximum claim 5% of total proposal bid bond from our surety in time to meet the bid deadline.

However, STS360 has in good faith and supreme confidence provided upfront cash in the form of a cashier's check in the amount of \$42,729.60, the maximum claim 5% total proposed project price to cover the bid bond. STS360 will also continue to pursue this Bid Bond to provide it in a timely manner as well the required payment and performance bonds if awarded.

STS360 has bonded well over 40 million of project in the past and we hope to have the opportunity to work with the Town of Addison in the near future.

Should you have any questions regarding our surety, project history or bonding capacity please do not hesitate to reach out to me directly for clarification

Sincerely,

John Hoffman
Vice President of Sales
STS360

STS360.com



TXDPS: B10434601
HUB: 1202542335600



December 11, 2020

Town of Addison
5350 Belt Line Road
Dallas, TX 75254

Bid Number: RFP 21-05
Bid Title: Security Camera System

RE:
STS 360
John Skuse
4040 State Highway 121 Suite 160
Carrollton, TX 75010
skuse@sts360.com

Office: (972) 392-3635
Mobile: 716.697.3235

This letter serves as confirmation that STS 360 (PANID- P003933) is an authorized reseller of Panasonic i-PRO Security, Video Insight and Monitor Cast Hardware, Accessories, Installation, Services and Associated Peripheral Products included in this solicitation. STS 360 is a preferred Diamond partner in good standing with Panasonic i-PRO Sensing Solutions Corporation of America. Feel free to contact me at amyw.lee@us.panasonic.com or 407-630-4673 should you require any further clarification.

Thank you,

A handwritten signature in cursive script that reads "Amy Lee".

Amy Lee
Panasonic i-PRO Sensing Solutions Corporation of America
Senior Contracts Manager
[Amyw.lee@us.panasonic.com](mailto:amyw.lee@us.panasonic.com)
407-630-4673

Panasonic i-PRO Sensing Solutions Corporation of America
800 Gessner Rd. Suite 700 | Houston TX 77024 | 713-621-9779

Panasonic
An Imaging Solution Provider

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**Request for Taxpayer
 Identification Number and Certification**

Give Form to the requester. Do not send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Sigma Surveillance, Inc.

2 Business name/disregarded entity name, if different from above
STS360

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.
 Individual/sole proprietor or single-member LLC
 C Corporation
 S Corporation
 Partnership
 Trust/estate
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____
 Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.
 Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
 Exempt payee code (if any) _____
 Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
4040 State Highway 121, Suite 160
Carrollton, TX 75010

6 City, state, and ZIP code

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

	-		-		
--	---	--	---	--	--

OR

Employer identification number

2	6	-	2	5	4	2	3	3	5
---	---	---	---	---	---	---	---	---	---

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶  Date ▶ **08/17/20**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.



GLENN HEGAR TEXAS COMPTROLLER OF PUBLIC ACCOUNTS

The Texas Comptroller of Public Accounts (CPA) administers the Statewide Historically Underutilized Business (HUB) Program for the State of Texas, which includes certifying minority, woman, and service disabled veteran-owned businesses as HUBs and facilitates the use of HUBs in state procurement and provides them with information on the state's procurement process.

We are pleased to inform you that your application for certification/re-certification as a HUB has been approved. Your company's profile is listed in the State of Texas HUB Directory and may be viewed online at <https://mycpa.cpa.state.tx.us/passcmbsearch/index.jsp>. Provided that your company continues to meet HUB eligibility requirements, the attached HUB certificate is valid for the time period specified.

You must notify the HUB Program in writing of any changes affecting your company's compliance with the HUB eligibility requirements, including changes in ownership, day-to-day management, control and/or principal place of business. *Note: Any changes made to your company's information may require the HUB Program to re-evaluate your company's eligibility.*

Please visit our website at <http://comptroller.texas.gov/procurement/prog/hub/> and reference our publications (i.e. Grow Your Business pamphlet, HUB Brochure and Vendor Guide) providing additional information on state procurement resources that can increase your company's chances of doing business with the state.

Thank you for your participation in the HUB Program! If you have any questions, you may contact a HUB Program representative at 512-463-5872 or toll-free in Texas at 1-888-863-5881.

Texas Historically Underutilized Business (HUB) Certificate



Certificate/VID Number: **1202542335800**
File/Vendor Number: **045399**
Approval Date: **28-MAR-2019**
Scheduled Expiration Date: **28-MAR-2023**

The Texas Comptroller of Public Accounts (CPA), hereby certifies that

SIGMA SURVEILLANCE INC. DBA STS 360

has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. This certificate printed 29-MAR-2019, supersedes any registration and certificate previously issued by the HUB Program. If there are any changes regarding the information (i.e., business structure, ownership, day-to-day management, operational control, business location) provided in the submission of the business' application for registration/certification as a HUB, you must immediately (within 30 days of such changes) notify the HUB Program in writing. The CPA reserves the right to conduct a compliance review at any time to confirm HUB eligibility. HUB certification may be suspended or revoked upon findings of ineligibility.

*Laura Cagle-Hinojosa, Statewide HUB Program Manager
Statewide Support Services Division*

Note: In order for State agencies and institutions of higher education (universities) to be credited for utilizing this business as a HUB, they must award payment under the Certificate/VID Number identified above. Agencies, universities and prime contractors are encouraged to verify the company's HUB certification prior to issuing a notice of award by accessing the Internet (<https://mycpa.cpa.state.tx.us/passcmbsearch/index.jsp>) or by contacting the HUB Program at 512-463-5872 or toll-free in Texas at 1-888-863-5881.

14899.06/16

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
 CERTIFICATION OF FILING**

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
 Sigma Surveillance, Inc. DBA STS360
 Carrollton, TX United States

Certificate Number:
 2020-699871

Date Filed:
 12/17/2020

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
 Town of Addison

Date Acknowledged:

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
 RFP 21-05
 Security Camera System

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO interested Party.


6 UNSWORN DECLARATION

My name is John Paul Hoffman, and my date of birth is 11/17/1982.

My address is 4040 State Hwy 121, Suite 160, Carrollton, TX, 75010, USA
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in DENTON County, State of TEXAS, on the 17 day of 12, 2021
(month) (year)



 Signature of authorized agent of contracting business entity
(Declarant)

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor doing business with local governmental entity

FORM CIQ

<p>This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.</p>	<p>OFFICE USE ONLY</p>
<p>This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).</p>	<p>Date Received</p>
<p>By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.</p>	
<p>A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	
<p>1 Name of vendor who has a business relationship with local governmental entity. _____ Sigma Surveillance, Inc. dba STS360</p>	
<p>2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)</p>	
<p>3 Name of local government officer about whom the information is being disclosed. _____ N/A _____ Name of Officer</p>	
<p>4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.</p> <p>A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?</p> <p style="text-align: center;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?</p> <p style="text-align: center;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.</p> <p style="text-align: center;">N/A</p>	
<p>6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).</p>	
<p>7</p> <p style="text-align: center;"> _____ Signature of vendor doing business with the governmental entity </p> <p style="text-align: right;"> _____ Date </p>	

CONFLICT OF INTEREST QUESTIONNAIRE
For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/29/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: El Dorado Insurance Agency, Inc. CONTACT NAME: Certificate Department. INSURER A: Steadfast Insurance Company. INSURER B: American Guarantee & Liability Ins. Co.

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSR, SUBR INVO, POLICY NUMBER, POLICY EFF (MM/DD/YYYY), POLICY EXP (MM/DD/YYYY), LIMITS. Includes Commercial General Liability, Automobile Liability, Umbrella Liability, and Workers Compensation.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE R.L. Ring, Jr./LY07



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/18/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Hacussler Insurance Agency 11625 Custer Rd #110-365 Frisco TX 75035		CONTACT NAME: Michael Dorociak PHONE (A/C No.): (972) 665-1930 FAX (A/C No.): E-MAIL: michael@hiagency.com ADDRESS: michael@hiagency.com	
INSURED Sigma Surveillance Inc. DBA STS 360 4040 Sh 121 Carrollton TX 75010		INSURER(S) AFFORDING COVERAGE INSURER A: STATE AUTOMOBILE MUT INS CO INSURER B: INSURER C: INSURER D: INSURER E: INSURER F: Liberty Mutual	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	INSO	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED \$ PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY	X	X	1000517882	05/27/2020	05/27/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			N/A			PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
F	BUSINESS PERSONAL PROPERTY	X	X	BFO57345017	05/27/2020	05/27/2021	BPP \$ 250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Michael Dorociak</i>
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/24/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance One Agency, L.C. 4205 Beltway Drive Addison TX 75001		CONTACT NAME: Kaye Brewster PHONE (A/C, No. Ext.): (972) 250-1600 FAX (A/C, No.): (972) 732-7777 E-MAIL ADDRESS: kbrewster@insuranceoneagency.com	
INSURED Sigma Surveillance, Inc. dba STS 360 4040 SH 121 Carrollton TX 75010		INSURER(S) AFFORDING COVERAGE INSURER A: Service Lloyds Insurance INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 2020/2021 renewal **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

PRR LTR	TYPE OF INSURANCE	ADDC SUBR	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
		USER		(MM/DD/YYYY)	(MM/DD/YYYY)	
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	SLICWC0205400	1/19/2020	1/19/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE C Mapes, III/KAB1 <i>Charles Mapes</i>

iA (intelligent Auto) H.265 Compact Dome Camera

Panasonic WV-S3131L is a compact & simple design multifunction camera that achieves high visibility even under extreme conditions and can be placed in a small space without damaging the landscape. Intelligent Auto (iA) allows the camera to automatically adjust the key settings in real-time depending on the scenery and movement, reducing distortion such as motion blur and moving objects. New industry-leading 144dB dynamic range delivers balanced scene exposure in dynamic and extreme-backlit lighting environments. In addition, color night vision provides outstanding low-light performance with accurate color rendition and saturation from i-Pro's 1/3" sensor, rivaling the performance of costlier 1/2" sensor cameras in the market. The adopted H.265 Smart Coding technology, intelligently reduces bandwidth efficiency of up to 95%* more than conventional H.264 for longer recording and less storage. Cameras out-of-the-box, support full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

*Value in Advanced mode with Smart Facial Coding depends on scene.

Extreme image quality allows evidence to be captured even under challenging conditions

- Auto Shutter speed control for fast moving objects with Intelligent Auto
- Sharp and clear images of a walking person day & night
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 144dB for backlit situations on entrance.
- Built-in IR LED to produce a clear monochrome image in 0 lux conditions with 15 m (49 feet) irradiation distance
- Wide area surveillance even in compact design. moreover, corridor mode to survey vertically long area.

Extreme H.265 compression with new Smart Coding

- Longer recording and less storage compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) detects movement within the image and compresses the areas with little motion in order to reduce transmitted data while maintaining the quality of the image.
- New "Smart Facial Coding" adds more bandwidth reduction for ID camera applications mainly capturing faces

*Region of Interest

Extreme Data Security

- Full encryption microSDXC/microSDHC/microSD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Key Features

- Full HD 1080p 60fps
- iA (intelligent Auto)
- Extreme Super Dynamic 144dB
- Color night vision (0.0019 to 0.03 lx)
- H.265 Smart Coding
- Built-in IR LED
- Corridor mode
(90 degrees or 270 degrees in image rotation)

Industry examples

- Education
- Retail
- Bank (ATM)
- Building



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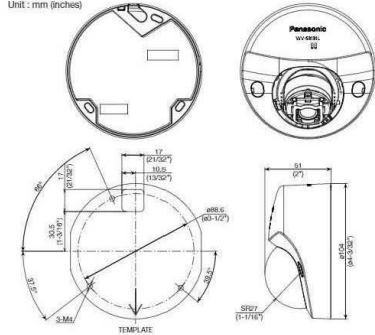
214

Specifications

Camera	Image Sensor	Approx. 1/3 type CMOS image sensor
	Minimum Illumination	Color : 0.05 lx, BW : 0.015 lx F2.3, Maximum shutter : Off (1/30s), AGC : 11 BW : 0 lx F2.3, Maximum shutter : Off (1/30 s), AGC : 11, when the IR LED is lit Color : 0.0019 lx, BW : 0.0009 lx F2.3, Maximum shutter : max. 1/600s, AGC : 11)*
	White Balance	AWC 0,000 - 10,000 K, ATW1 (2,700 - 6,000 K), ATW2 (2,000 - 6,000 K)
	Maximum shutter	Max. 1/10000 s to Max. 1/630 s
	Intelligent Auto	On / Off
	Super Dynamic ²⁾	On / Off, the level can be set in the range of 0 to 31.
	Dynamic Range	144 dB typ. (Super Dynamic : On)
	Adaptive Back Stretch	This level can be set in the range of 0 to 255.
	Back light compensation / High light compensation	BLC (Back light compensation) / HLC (High light compensation) / Off (only when Super dynamic / Intelligent Auto : Off)
	Fog compensation	On / Off (only when Intelligent Auto / Auto contrast adjust : Off)
	Maximum gain	The level can be set in the range of 0 to 11.
	ColorAW (CNR)	Off / On (Light Off) / On (Light On) / Auto (Light Off / Auto (S/C))
	IR LED Light	High / Middle / Low / Off, Maximum irradiation distance : 15 m (Approx. 49 ft)
	Digital Noise Reduction	The level can be set in the range of 0 to 255.
	Video Motion Detection (VMD)	On / Off, 4 areas available
Intelligent VMD (i-VMD) ³⁾	Type 4 (optional plug-in software WV-SAE200)	
Privacy Zone	On / Off (up to 8 zones available)	
Image rotation ⁴⁾	0° / 90° / 180° (Up/Down) / 270°	
Mirror	On / Off	
Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)	
Zoom Ratio	1 x Optical	
Digital electronic zoom	Options from 3 levels of x1, x2, x4	
Focal length	2.8 mm (1.18 inches)	
Angular Field of View	[16 : 9 mode] Horizontal : 110° Vertical : 90° [4 : 3 mode] Horizontal : 89° Vertical : 66°	
Maximum Aperture Ratio	1 : 2.3	
Focus range	0.5 m (19-11/16 inches) —∞	
Adjusting Angle	Horizontal (PAN) angle : ±45°, Vertical (TILT) angle : 0 to +90°, Azimuth (YAW) angle : ±90°	
Browser	Camera Control GUI / Setup Menu Language English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese	
Network	Network IF 10Base-T / 10Base-TX, RJ45 connector *2 mega pixel [16 : 9] (9/169 fps) 1,300 x 1,080 / 1,280 x 960 / 640 x 360 / 320 x 180 *3 mega pixel [4 : 3] (60 fps) 2,048 x 1,536 / 1,280 x 960 / 640 x 480 / 400 x 300 / 320 x 240 Contract bid rate VBR / Frame rate / Best effort	
H.265 ⁴⁾ / H.264 ⁵⁾ / Transmission Type	Unicast / Multicast	
JPEG ⁶⁾ / Image Quality	10 stages	
Smart Coding	GOIP (Group of pictures) control [When H.265 is selected] Off / On(Low) / On(Mid) [When H.265 is selected] Off / On(Low) / On(Mid) / On(High) [On/Frame rate control] Smart Facial Coding ⁷⁾ Off / On(AUTO VCS) / On(Smart Facial Coding) *Smart Facial Coding is only available with Stream(1).	

Appearance

Unit : mm (inches)



DISTRIBUTED BY :

Network	Audio Compression	G.729 (ADPCM) : 16 kbps / 32 kbps G.711 : 64 kbps AAC-LC ¹⁾ : 64 kbps / 66 kbps / 128 kbps
	Supported Protocol	Pv6 : TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, MLD, ICMP, ARP, IEEE 802.1X, DiffServ IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DNS, NTP, SNMP, UPnP, ICMP, ARP, IEEE 802.1X, DiffServ
Memory Card ⁸⁾	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)
	microSD/microSDHC/microSD Memory Card ⁹⁾	H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible microSD/microSDHC/microSD Memory Card : Panasonic 2 GB, 4 GB, 8 GB, 16 GB (4 GB model) *microSDHC card, *microSDXC card
Alarm	Mobile Terminal Compatibility	iPad, iPhone, Android™ mobile terminals
	Alarm Source	VMD alarm ¹⁰⁾ , Command alarm, Audio detection alarm
Input/Output	Alarm Actions	microSD/microSDHC/microSD memory recording, E-mail notification, HTTP alarm notification indication on browser, FTP image transfer, Panasonic alarm protocol output
	Built-in microphone	Nondirectional electret condenser microphone
General	Safety	UL EUL60950-1 3Ed, cUL, CAN/CSA C22. NO.60950-1-07, CE, IEC60950-1 EMC FCC Part 15 Subpart B, Class A, SDXC, ICES-003 Class A, EN55022 Class B, EN55024 KCE (Eurasian) set compliant device
	Power Source and Power Consumption	DC48 V 60 mA, Approx. 3.8 W (Class 2 device)
	Ambient Operating Temperature	0°C to +40°C (32°F to 104°F)
	Ambient Operating Humidity	10 to 90 % (no condensation)
	Dimensions	ø104 mm x 51 mm (H) (ø4-3/32 inches x 2 inches (H)) Dome radius 27 mm (1-1/8 inches)
	Mass (approx.)	Approx. 255 g (9.05 lbs)
	Finish	Main body : ABS resin, Salt white Dome section : Polycarbonate resin, Clear
		*1 Converted value
		*2 Super Dynamic function is automatically set off on 60 fps mode.
		*3 Smart Facial Coding (i-VMD) can not be used at the same time.
	*4 Settings of [90°] and [270°] are only available for the [16 : 9] mode.	
	*5 Used by super resolution techniques	
	*6 Transmission for 4 streams can be individually set.	
	*7 When recording audio on an microSD/microSDHC/microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).	
	*8 The replacement cycle (range) of a microSD memory card differs from that of a standard size SD memory card.	
	*9 For details, check the content of the Panasonic Support Web Site (https://security.panasonic.com/support/info/) (Control No. : C0117-3).	
	*10 For details, check the content of the Panasonic Support Web Site (https://security.panasonic.com/support/info/) (Control No. : C0107-3/Control No. : C0306-3/Control No. : C0307-3)	
	*10 Including alarms from Plug-in Software	

Optional Accessory

Plug-in Software for i-VMD WV-SAE200
i-VMD is possible to detect objects in the specified area by advanced video analysis technology.
i-VMD : Intruder Detection, Loitering Detection, Detection Detection, Scene Change Detection, Object Detection, Cross Line Detection
Notification sent to the monitoring screen

Trademarks and registered trademarks
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- Android is a trademark of Google LLC.
- ONVIF and the ONVIF logo are trademarks or registered trademarks of Onvif Inc.
- All other trademarks identified herein are the property of their respective owners.

Important
- Safety Precaution : Carefully read the Important Information, Installation Guide and operating instructions before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.
• Masses and dimensions are approximate. • Specifications are subject to change without notice.

Panasonic

https://security.panasonic.com

http://www.facebook.com/PanasonicNetworkCamera

(P4-219A)

148

5-megapixel iA H.265 Network Camera

Panasonic WV-S2550L captures the highest quality images in even very challenging and dynamic environments. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, bandwidth efficiency is intelligently increased for longer recording and less storage. Out of the box, the camera supports full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

Extreme image quality allows evidence to be captured even under challenging conditions

- Auto Shutter speed control for moving vehicles
- Sharp and clear images of a walking person day & night
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 120dB for backlit situations involving headlights and shadows on night streets
- Environmental durability : IP66, IK10, 50J compliant

Extreme H.265 compression with new Smart Coding

- Longer recording and less storage compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VQS) detects movement within the image and compresses the areas with little motion in order to reduce transmitted data while maintaining the quality of the image.

*Region of Interest.

Extreme Data Security

- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Key Features

- 5-megapixel images up to 30 fps
- iA (intelligent Auto)
- Super Dynamic 120dB
- Color night vision (0.0044 to 0.07 lx)
- H.265 Smart Coding
- FIPS 140-2 Level 1 compliant

Applications

- Safe City
- Transportation (Airport / Train, Subway station)
- Bank (ATM, Entrance)
- Retail / Logistics / Education / Hospital / Building



149

216

5-megapixel iA H.265 Network Camera

Panasonic WV-S1550L captures the highest quality images in even very challenging and dynamic environments. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, bandwidth efficiency is intelligently increased for longer recording and less storage. Out of the box, the camera supports full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

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- Color night vision (0.0044 to 0.07 lx)
- H.265 Smart Coding
- FIPS 140-2 Level 1 compliant

Applications

- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)
- Retail / Bank / Logistics / Education / Hospital / Building

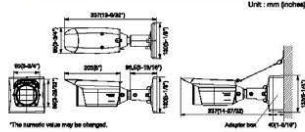


Specifications

General	Image Sensor	1/4 type CMOS Image sensor	
	Effective Pixels	Approx. 5.1 megapixels	
Address Bursts	Address Bursts	On: 0.5 Hz, Off: 0.03 Hz	
	ON	P1-A, Maximum value: Off (0) Hz, AFD: 1 Hz	
	Off	On: 0 Hz, Off: 0.03 Hz	
Video Feature	Color	On: On, Off: Off	
	White Balance	Auto (On) / Preset (Off) / Custom (Off) / Daylight (Off) / Night (Off) / Incandescent (Off) / Fluorescent (Off) / LED (Off)	
	Shutter Speed	Auto (On) / 1/30000 (Off)	
	Intelligent Auto	On: On, Off: Off	
	Range Control	On: On, Off: Off	
	Dynamic Range	On: On, Off: Off	
	Autoshot Blank Screen	On: On, Off: Off	
	Dark Light compensation	On: On, Off: Off	
	High Light compensation	On: On, Off: Off	
	Face recognition	On: On, Off: Off	
	Microshot gain	On: On, Off: Off	
	ClearView (QVR)	On: On, Off: Off	
Image	IR LED	On: On, Off: Off	
	Dynamic Range Expansion	On: On, Off: Off	
	Video Motion Detection	On: On, Off: Off	
	Privacy Zone	On: On, Off: Off	
	Image resolution	On: On, Off: Off	
	Camera, The Effect	On: On, Off: Off	
	Zoom Ratio	On: On, Off: Off	
Lens	Tilt (panning) zoom	On: On, Off: Off	
	Focus length	On: On, Off: Off	
	Maximum Aperture Ratio	On: On, Off: Off	
	Focus range	On: On, Off: Off	
	Angular Field View	On: On, Off: Off	
	Adjustable	Collar moving	On: On, Off: Off
Angle		On: On, Off: Off	
Wall mounting		On: On, Off: Off	
Mounting		Vertical	On: On, Off: Off
		Horizontal	On: On, Off: Off
Mounting		Vertical	On: On, Off: Off
		Horizontal	On: On, Off: Off
Mounting		Vertical	On: On, Off: Off
		Horizontal	On: On, Off: Off
General		Control Control	On: On, Off: Off
	Auto	On: On, Off: Off	
	Settings Menu Language	On: On, Off: Off	
	Network	On: On, Off: Off	
Mounting	Resolution	On: On, Off: Off	
	LED	On: On, Off: Off	
	PWZ (Pulsed Width Zener)	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	
	IR LED	On: On, Off: Off	

* Cornered value
 * The item size is limited to 16 for horizontal range. The dynamic range is 128 for vertical range for best image for home.
 * Following the setting angle of the related image, the angle output of the MONITOR OUT terminal exists.
 * Used by zoom reduction technique.

Appearance



Unit: mm (inch)

The numeric value may be changed.

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 - Address is a trademark of Google LLC.
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 - All other trademarks identified herein are the property of their respective owners.
 * Measure and dimensions are approximate. * Specifications are subject to change without notice.

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Network	Smart Coding	ON: On, Off: Off
	Audio Compression	On: On, Off: Off
	Audio Interference mode	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
Video	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off
Audio	Supported Protocol	On: On, Off: Off
	Supported Protocol	On: On, Off: Off

* Transmission for 4 cameras can be individually set.
 * When recording audio as an SD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).
 * If the audio is not recorded when the LED is always lit, make sure that the temperature is between -20°C and 40°C (+4°F to +104°F).

Optional Accessories

<p>Pole Mount Bracket WV-Q168 (Flu silver)</p>	<p>Corner Mount Bracket WV-Q169 (Flu silver)</p>	<p>Fixed Panel WV-CW5CN (Clear type with Clearlight coating)</p>
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Important
 - Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using the product.
 - Panasonic is not responsible for the performance of the products and/or other manufacturers' products used on the network.

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<https://security.panasonic.com>
<http://www.facebook.com/PanasonicNetworkCamera>
 PAN-08041

4K Outdoor Bullet Network Camera with AI engine

WV-X1571LN has onboard AI functionality. AI-based high precision analysis helps surveillance operations and crime prevention operations more efficiently, whereas these operations previously required dedicated manpower.

There are 3 AI functions available through the camera: detecting suspicious changes in captured scenes, optimizing the image settings of the camera (based on captured scene analysis) for better image usability, and optimizing video compression through captured scenes to save bandwidth at 50%* lower than existing cameras while maintaining image quality.

*Compared to Smart Coding OFF with H.265

Optimization of image quality and data compression using AI

- AI detects, identifies and determines movement.
- AI determines human faces and captures them in the most visible state.
- AI determines moving objects, identifies where there is no movement, and performs efficient data compression.

3rd party relationship

- To enable 3rd party companies to develop their applications using SDK.
- Users can freely combine applications and introduce analysis software that is the best match for their requirements.

Easy installation

- AI analysis automatically applies optimal settings, allowing you to capture high-quality images effortlessly.
- Connect the network cable to the camera body simply by opening a part of the packaging, saving you time and working space.

Key Features

- 4K (3,840 x 2,160) up to 30fps
- AI Intelligent Auto
- Color night vision (0.006 to 0.09 lx)
- H.265 Smart Coding
- ClearSight Coating
- FIPS140-2 CAVP compliant
- *Using encryption module standardized by FIPS publication 140-2
- Onvif Profile G / S / T

Industry examples

- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)
- Retail / Bank / Logistics / Education / Hospital / Building



ii-PRO

Specifications

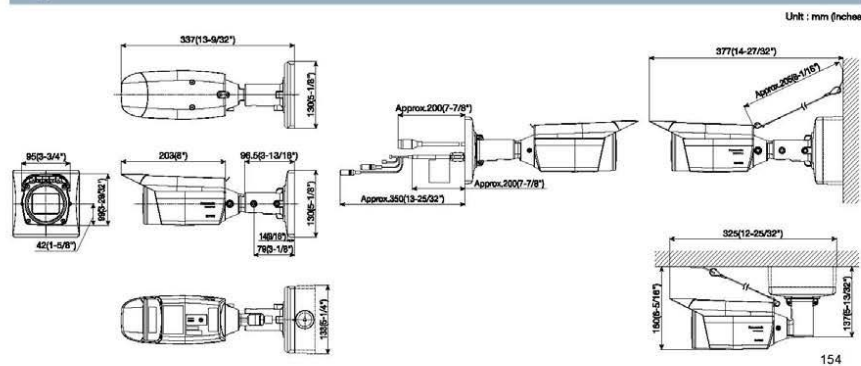
Camera	Image Sensor	1/1.8 type CMOS image sensor	
	Minimum Illumination	Color : 0.05 lx, BW : 0.05 lx (F1.5, Maximum shutter : Off (1/30s), AGC : 11) BW : 0 lx (F1.5, Maximum shutter : Off (1/30 s), AGC : 11, when the IR LED is lit) Color : 0.025 lx, BW : 0.025 lx (F1.5, Maximum shutter : max. 1/30s, AGC : 11) ¹⁾	
	White Balance	ATW/1AW/2AW	
	Shutter Speed	30fps mode) 1/50 Fx to 1/10000 Fx (25fps mode) 1/25 Fx to 1/10000 Fx	
	AI Intelligent Auto	On / Off	
	Super Dynamic	On / Off, The level can be set in the range of 0 to 31.	
	Dynamic Range	Max.132 dB (Super Dynamic) ; On Level : 31)	
	Adaptive Back Stretch	The level can be set in the range of 0 to 255.	
	Back light compensation / High light compensation	BLC (Back light compensation) / HLC (High light compensation) / Off The level can be set in the range of 0 to 31. (only when Super dynamic / AI Intelligent Auto : Off)	
	Fog compensation	On / Off, The level can be set in the range of 0 to 9 (only when AI Intelligent auto / auto contrast adjust : Off)	
Maximum gain	Color/BW (3CR)		
Color/BW (3CR)	Off / On (IR Light Off) / On (IR Light On) / Auto (IR Light Off) / Auto (IR Light On) / Auto (3CR)		
IR LED Light	High / Middle / Low / Off Maximum irradiation distance : 40 m (Approx. 131 ft) The level can be set in the range of 0 to 255.		
Digital Noise Reduction	On / Off, 4 areas available		
Video Motion Detection (VMD)	On / Off, 1 area available		
Scene Change Detector (SCD)	On / Off, Up to 8 zones available		
Privacy Zone	On / Off, Up to 8 zones available		
Image rotation ²⁾	0° (Off) / 90° / 180° (3-pane-down) / 270°		
Camera Title (CMT)	On / Off, Up to 20 characters (alphabetic/numeric characters, marks)		
Lens	Optical zoom	2.0x (Motorized zoom / Motorized focus)	
	Extra optical zoom	8.0x (when resolution is 1920x1080)	
	Digital (electronic) zoom	Choose from 5 levels of x1, x2, x4, x8, x16	
	Focal length	4.3 mm ~ 8.6 mm (EFL) (Inches ~ 11.52 (Inches))	
	Maximum Aperture Ratio	1 : 1.6 (WIDE) ~ 1 : 2.4 (TELE)	
	Focus range	1 m (98-348 Inches) ~ ∞	
	Angular Field of View	[F4.3 mode] (F4.3 mode) is not supported. Horizontal : 53° (TELE) ~ 104° (WIDE), Vertical : 30° (TELE) ~ 56° (WIDE)	
	DOOR³⁾	Detect (25open / 88)	Wide: 60.00 m / 196.85 ft, Tele: 154.54 m / 506.97 ft
		Observe (80open / 198)	Wide: 24.00 m / 78.74 ft, Tele: 61.61 m / 202.10 ft
		Recognize (125open / 388)	Wide: 12.00 m / 39.37 ft, Tele: 30.81 m / 101.07 ft
Adjusting Angle	Ceiling mounting	Horizontal : ±180° (Adjust by horizontal (PAN) angle) Vertical : ±10° (Adjust by vertical (TILT) angle) Yaw : -190° to +100° (Adjust by azimuth (YAW) angle)	
	Wall mounting	Horizontal : ±100° (Adjust by vertical (TILT) angle) Vertical : ±10° (Adjust by vertical (TILT) angle) Yaw : -190° to +100° (Adjust by azimuth (YAW) angle) *You can change between horizontal and vertical angle by adjusting the horizontal (PAN) angle.	
	Clamshell Control	Brightness, ALC On / Off	
Browser GUI	Audio	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High	
	OS / Setup Menu Language	English, Indian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese	
Network	Network IF	10Base-T / 100Base-TX, RJ45 connector	
	Resolution ⁴⁾	[18.8 mode] is not supported. 3840x2160, 2880x1640, 1920x1080, 1280x720, 840x480, 320x180	
	H.265 / H.264 (P) (B) (I) PPS	Constant bit rate / VBR / Frame rate / Best effort	
	H.264 / Transmission Mode	Unicast port (ALTOPI) Unicast port (MANUAL) Multicast	
JPEG	Image Quality	10 steps	

- ¹⁾ Converted value
²⁾ 80° and 270° are invalid only in the 320x180 resolution.
³⁾ Following the setting angle of the related image, the analog output of the MONITOR OUT terminal rotates.
⁴⁾ Maximum distance at which a camera's title and info line can meet DOOR specifications. This value does not indicate the performance of the camera. Calculations made with the camera installed horizontally at resolution of 3840x2160.
⁵⁾ H.265/H.264 can be selected for each stream.
⁶⁾ Transmission for 4 streams can be individually set.

Network	Smart Coding	Smart Facial Coding : On (Smart Facial Coding ⁷⁾) / On (Auto VGS) / Off (Smart Facial Coding is only available with Stream1). GOP (Group of pictures) control : On (Frame rate control) / On (Advanced) / On (Mid) / On (Low) / Off (On (Frame rate control) and On (Advanced) are only available with H.265).	
	Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps / 64 kbps AAC-LC ⁸⁾ : 64 kbps / 96 kbps / 128 kbps	
	Audio transmission mode	Off / Mts (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)	
	Supported Protocol	IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DHTServ IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTMP, RTTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, L2MP, IGMP, ICMP, ARP, IEEE 802.1X, DHTServ	
	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)	
	SDWC/SDHC/SD	H.265 / H.264 recording :	
	Memory Card	Manual REC / Alarm REC (PrePost) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alarm REC (PrePost) / Backup upon network failure Compatible SDWC/SDHC/SD Memory Card : Panasonic 2 GB, 4 GB ⁹⁾ , 8 GB ⁹⁾ , 16 GB ⁹⁾ , 32 GB ⁹⁾ , 64 GB ⁹⁾ , 128 GB ⁹⁾ , 256 GB ⁹⁾ model *SDHC card, **SDXC card (support microSD card and microSD card)	
	Mobile Terminal Compatibility	IPad, iPhone, Android TM terminals	
	ONVIF Profile	G / B / T	
	Alarm Source	3 terminals input, VMD alarm, SCD alarm, Command alarm	
Alarm Actions	SDWC/SDHC/SD memory recording, e-mail notification, HTTP alarm notification, indication on browser, FTP image transfer, Panasonic alarm protocol output		
Input/Output	Monitor Output (for adjustment)	VBS : 1.0 V (p-p) / 75 Ω, composite, Pk Jack An NTSC or PAL signal can be outputted from camera.	
	Audio Input	a3.5 mm stereo mini jack For microphone input : Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -48 dB±3 dB @ 0dBu, 1 kHz) Input Impedance : Approx. 2 kΩ (unbalanced) Supply voltage : 2.5 V a3.5 V For line input : Input level : Approx. -10 dBV Output Impedance : Approx. 600 Ω (unbalanced) Output level : -10 dBV	
	External I/O Terminals	ALARM IN : Volume Input 1/ Back & white input Auto time adjustment input (x1), ALARM IN 2 (Alarm Input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm Input 3/ ALX OUT) (x1)	
	General	Safety	UL (UL3000-1) c-UL (CSA C22.2 No.3000-1), CE, IEC60950-1
		EMC	FCC (Part15 ClassA), IEC60332 ClassB, EN50522 ClassB, EN55024
		Power Source and Power Consumption	DC power supply : DC 12 V 800 mA/Approx. 11.2 W PHE (IEEE802.3at compliant) PoE (IEEE 802.3af) 180 mW/Approx. 11.5 W (Class 3 device)
	Ambient Operating Temperature	-40 °C to +40 °C (-40 °F to +104 °F) *Power On range : -30 °C to +80 °C (-22 °F to +140 °F)	
	Ambient Operating Humidity	10 to 100 % (no condensation)	
	Demineralization Device	Power+ element	
	Water and Dust Resistance	IP40 (IEC60529), Type 4X (UL505), NEMA 4X compliant	
Shock Resistance	IK10 IEC 62282		
Wind Resistance	Up to 40 mph (approx. 65 mph)		
Dimensions	With adapter box : 133 mm (W) x 133 mm (H) x 377 mm (L) (5-1/4 Inche(W) x 5-1/4 Inche(H) x 14-27/32 Inche(L)) Without adapter box : 190 mm (W) x 130 mm (H) x 337 mm (L) (5-1/8 Inche(W) x 5-1/8 Inche(H) x 13-13/32 Inche(L))		
Mass	With adapter box : 2.2 kg (4.85 lbs) Without adapter box : 1.7 kg (3.75 lbs)		
Finish	Main body : Aluminum die cast and resin, IP40 level Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Front panel : Polycarbonate resin (with ClearSight coating), Clear		

- ⁷⁾ When recording audio on an SD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).
⁸⁾ This camera is not equipped with the function to change the audio output to the monitor output.
⁹⁾ When using with the IR LED light concurrently, the upper limit of the operating temperature range is +40 °C (+102 °F).

Appearance



Analytics Applications (Optional Software)

Extension Software **WV-XAE200W**

AI differentiates between vehicles, motorcycles, bicycles, and people. It further detects and sends warning notifications when they enter a specified area.

AI Video Motion Detection



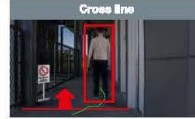
• It is possible to issue an alarm when a moving object enters a specified area.



• It is possible to issue an alarm when a moving object enters a specified area and stays there for a specified amount of time.



• It is possible to issue an alarm when a moving object enters a specified area and moves in the specified direction.



• It is possible to issue an alarm when an object moving in the specified direction crosses a specified threshold.

Extension Software **WV-XAE201W**

To protect privacy and portrait rights, it is possible to automatically apply a mosaic the entire face and figure of a person photographed by the camera.

AI Privacy Guard



Original Image



Processed image



Original Image



Processed image

Optional Accessories

Mount Bracket

Ceiling Mount Bracket
WV-QCL100-W
(PFD white)



*For indoor installation only

Pole Mount Bracket
WV-QPL500-W
(PFD white)



Corner Mount Bracket
WV-QCN500-W
(PFD white)



*Brackets are available in four colors, Fine silver, Light gray, Grey and I-PRO white. It is possible to use them in different color combinations.

Trademarks and registered trademarks

- iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.
- Android is a trademark of Google LLC.
- ONVIF is trademark or registered trademarks of Onvif Inc.
- All other trademarks identified herein are the property of their respective owners.

Important

- Safety Precaution: Carefully read the Basic Information, Installation Guide and Operating Instructions before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturer's products used on the network.

* Masses and dimensions are approximate. * Specifications are subject to change without notice.

Panasonic

Panasonic Corporation

Panasonic i-PRO Sensing Solutions Co., Ltd.

<https://ipro.panasonic.com>

<https://security.panasonic.com>

<https://www.linkedin.com/company/i-pro-sensing-solutions-co-ltd/>

155 (2A-245AA)

iA H.265 360-degree Vandal Resistant Outdoor Dome Camera

Panasonic WV-X4571L / WV-X4571LM captures the highest quality images in even very challenging and dynamic environments. In particular, the image of the person's face or object at the edge of the fisheye is clear with less distortion. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, bandwidth efficiency is intelligently increased for longer recording and less storage. Out of the box, the camera supports full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured. *Value in Advanced mode. It depends on the scene.

Extreme image quality for evidence capturing under challenging conditions

- Clear and less distorted image of the person's face and objects at the edge of the fisheye
- Instant response to sudden light changes like tunnel entry and exit
- Auto Shutter speed control for fast moving objects
- Super Dynamic 108dB for backlit situations and shadows on night streets
- Built-in IR LED to produce a clear monochrome image in zero lux conditions with 10 m (33 feet) irradiation distance
- Environmental durability : EN50155, IP66, IK10, 50J compliant and Dehumidification device

Extreme H.265 compression with new Smart Coding

- Longer recording and less storage space compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) dynamically detects motion areas to keep vehicles and humans in good picture quality while lowering your bandwidth *Region of Interest

Extreme Data Security

- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Complete with powerful analytics built-in*

- Heat map : Visualization of people's traffic pattern and staying times
- People Counting : Statistics data on the number of people entering and leaving a specific zone
- MOR (Moving Object Remover) : Monitoring of only the surrounding environment by removing people and other moving objects from video *To enable analytics, please add the optional WV-SAE200 software.

Key Features

- 9 Megapixel fisheye images up to 30 fps
- iA (intelligent Auto)
- Super Dynamic 108dB
- H.265 Smart Coding
- ABF (Auto Back Focus)
- IP66, IK10, 50J compliant, Dehumidification device

Applications

- Transportation (Airport / Train, Subway station)
- Retail / Bank
- Logistics / Factory
- Building
- Education / Hospital



156

223

4 x 4K(33MP) iA H.265 Multi-Sensor Camera

Panasonic WV-X8570N captures the highest quality images in even very challenging and dynamic environments. In particular, the camera can capture clear vehicle image in color even at night intersections of low light intensity. And the four repositionable lenses minimize blind spots and flexibly correspond to intersections of various shapes and monitoring areas of cities. Easily set up with a smartphone or tablet device via Wi-Fi connection. *Wi-Fi USB adapter is required. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, bandwidth efficiency is intelligently increased for longer recording and less storage. Out of the box, the camera supports full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

Extreme image quality for evidence capturing under challenging conditions

- Four repositionable lenses with easy adjustment include a wide range tilt angle mechanism minimizes blind spots
- Four high image quality 4K image sensors and produce a resolution of 3,840 x 2,160 pixels at up to 15 fps
- Sharp and clear images of fast moving vehicles with Intelligent Auto and ClearSight Coating
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 108dB for backlit situations and shadows on night streets
- Environmental durability : IP66, IK10 and Dehumidification device

Extreme H.265 compression with new Smart Coding

- Reduced the amount of transferred data and less storage space compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VQS) dynamically detect motion areas to keep vehicles and human in good picture quality while lowering your bandwidth *Region of Interest

Extreme Data Security

- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Key Features

- 4 x 4K(33MP) 3840x2160 15fps
- iA (intelligent Auto)
- Super Dynamic 108dB
- Color night vision (0.008 to 0.12 lx)
- H.265 Smart Coding
- ClearSight Coating
- Wide range tilt angle adjustment mechanism

Industry examples

- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)



4 x True 4K high resolution



- Can identify vehicles 100 feet diagonal from intersection corners at three lane streets



Combining H.265 compression with Smart Coding technology

- In spite of the high resolution of 4 x 4 K, it achieved the bit rate lower than the bit rate of one 4K camera of H.264.

<p>Resolution</p> <p>WV-X8570N WV-SPV781L</p>	<p>Bit rate*</p> <p>WV-X8570N WV-SPV781L</p>	<p><small>* "H.265 with Smart Coding" provides max.95% reduction in total file size when compared to "H.264 without Smart Coding" but it depends on a scene.</small></p>
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Wide range tilt angle adjustment mechanism

<p>Camera 1, 2, 3</p> <p>+30° to +80° Vertical (TILT) angle</p> <p>360° Horizontal (PAN) angle</p> <p>±50° Azimuth (YAW) angle</p>	<p>Camera 4</p> <p>-15° to +80° Vertical (TILT) angle</p>
---	--

*The above is the adjustable range of a single camera. The adjustable range of each camera varies according to the positional relationship with other cameras.

Four repositionable lenses enables to monitoring at minimize blind spots

- | | |
|--|--|
| <p>270-degree view (Full intersection view)</p> <ul style="list-style-type: none"> • One multi sensor camera at intersection corner, It enables monitoring with minimized blind spots • Enables to monitoring even if bottom view angle | <p>360-degree view</p> <ul style="list-style-type: none"> • One multi-sensor camera enables monitor the park by minimize blind spots |
|--|--|

<p>270-degree + right below view angle adjustment</p>	<p>360-degree view angle adjustment</p>

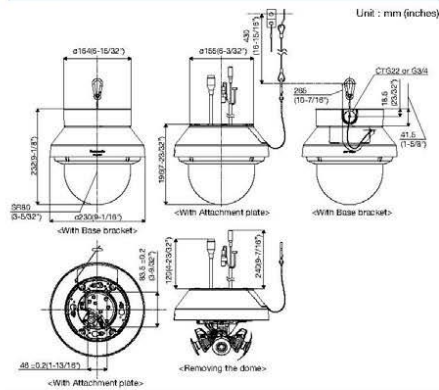
Specifications

Camera	Image Sensor	1/1.8 type CMOS image sensor
	Minimum Illumination	Color : 0.12 lx, BW : 0.05 lx (F1.5, Maximum shutter : Off (V30s), AGC : 11) Color : 0.09 lx, BW : 0.03 lx (F1.5, Maximum shutter : max. 1/60s, AGC : 11) ¹⁾
	Intelligent Auto	On / Off
	Maximum Shutter	Max. 1/3000s to Max. 1/60s
	Super Dynamic	On / Off, the level can be set in the range of 0 to 31.
	Dynamic Range	106 dB typ. (Super Dynamic : On, level : 31)
	Image Settings	Gain (AGC), White balance
	Image Compensation	Adjustive black stretch, Black light compensation (BLC), High light compensation (HLC), Fog compensation, Digital noise reduction
	Color/BW (ICR)	Off / On / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
	Face Motion Detection (FMD)	On / Off, 4 areas available
	Privacy zone	On / Off (up to 8 zones available)
	Upside-down	On / Off
	Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)
	Adjusting angle	Camera: 1, 2, 3 Horizontal (PAN) angle : ±90° Vertical (TILT) angle : +30° to +80° Azimuth (YAW) angle : ±50° Camera: 4 Horizontal (PAN) angle : ±90° Vertical (TILT) angle : -15° to +80° Azimuth (YAW) angle : ±50° *The above is the adjustable range of a single camera. The adjustable range of each camera varies according to the positional relationship with other cameras.
	Lens	Zoom Ratio
Digital (electronic) zoom		Choose from 3 levels of x1, x2, x4
Focal length		4.5 mm (0.175 inches)
Maximum Aperture Ratio		1 : 1.5
Driver	Focus range	3.0 m (9.84 feet) ~ ∞
	Angular Field of View	Horizontal : 37° Vertical : 53°
GUI	Others Control	Brightness, A.I.J. On / Off
	Audio	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High
Network	Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
	Network IP	10Base-T / 100Base-TX / 1000Base-T, RJ45 connector
	Resolution	(16:3 mode) ²⁾ Cannot be changed. 3840 x 2160 / 2560 x 1440 / 1280 x 720 / 640 x 360 / 320 x 160
	H.265 Transmission Mode	Constant bit rate / VBR / Frame rate / Best effort
	H.264 Transmission Type	Unicast / Multicast
	JPEG Image Quality	10 steps
	Smart Coding	GOP (Group of pictures) control : On / Frame rate control / On (Advanced) / On (Low) / On (Mid) / Off Off / Frame rate control and On (Advanced) are only available with H.265. Auto VQS : On / Off
	Audio Compression	G.728 (ADPCM) : 16 kbps / 32 kbps G.711 : 64 kbps AAC-LC ³⁾ : 64 kbps / 96 kbps / 128 kbps
	Supported Protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, FTP (Server), SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1x, DSServ IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTMP, RTMPP, FTP (Server), SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, ICMP, ICMP, ARP, IEEE 802.1x, DSServ

Network	Maximum concurrent access number	Up to 24 users (Depends on network conditions)
	SDXC/SDHC/SD Memory Card	H.265 / H.264 recording : Manual REC / Alarm REC (PrePost) / Schedule REC / Backup upon network failure Compatible SDXC/SDHC/SD card : Panasonic 2 GB, 4 GB, 8 GB, 16 GB, 32 GB, 64 GB, 128 GB, 256 GB model *SDHC card, ** SDXC card (except miniSD card and microSD card)
Alarm	Mobile Terminal Compatibility	iPad / iPhone, Android™ mobile terminals
	Alarm Source	3 terminals input, 1940 alarm, Command alarm
Input/ Output	Alarm Actions	SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification, indication on browser, Panasonic alarm protocol output
	Audio Input	3.5 mm stereo mini jack (Audio input 4 is monoaural)
	For microphone input :	Recommended applicable microphone: Plug-in power type (Sensitivity of microphone : -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 k (unbalanced) Supply voltage : 4.0 V±0.5 V
	For line input :	Input level : Approx. -10 dBV
General	External I/O terminals	ALARM IN 1 (Alarm input 1/ Back & white input/ Auto time adjustment input (A1)), ALARM IN 2 (Alarm input 2/ ALARM OUT (A1)), ALARM IN 3 (Alarm input 3/ ALARM OUT (A1)), UL (UL0950-01), e-UL (CSA C22.2 No.50950-1), CE, IEC60950-1
	Safety	UL (Part1) Class A, IEC60950 Class A, EN55022 Class B, EN55024
	EMS	FCC Part15 Class A, ICES003 Class A, EN55022 Class B, EN55024
	Power Source and Power Consumption	PoE (IEEE802.3af compliant) Device : DC 48 V 255 mA (Approx. 12.35 W (Class 0 device))
	Ambient Operating Temperature	-40 °C to +60 °C [-40 °F to +140 °F]
	Ambient Operating Humidity	(Power On range : -20 °C to +60 °C [-4 °F to +140 °F]) 10 to 100 % (no condensation)
	Water and Dust Resistance	IP66 (IEC60529), Type 4X (UL50), NEMA4X compliant
	Shock Resistance	ICD (IEC62262)
	Dimensions	When using the attachment plate only : ø38 mm x 198 mm (ø) (ø9-1/16 inches x 7-29/32 inches (H)), Dome radius 80 mm (3-1/8 inches) When using the base bracket : ø38 mm x 232 mm (ø) (ø9-1/16 inches x 9-1/8 inches (H)), Dome radius 80 mm (3-1/8 inches)
	Mass (approx.)	When using the attachment plate only : Approx. 2.8 kg (6.17 lbs) When using the base bracket : Approx. 3.3 kg (7.28 lbs)
Finish	Main body : Aluminum die cast, Light gray, Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Dome cover : Polycarbonate resin (with Clear/Sight coating), Clear	

¹⁾ Converted value
²⁾ H.265H-264 can be selected for each stream.
³⁾ When recording audio on an SD memory card, only use AAC-LC (Advanced Audio Coding-Low Complexity).

Appearance



DISTRIBUTED BY :

Panasonic

<https://security.panasonic.com>

<http://www.facebook.com/PanasonicNetworkCamera>

(2A-205A)

Long distance IR illumination iA PTZ Camera

Panasonic WV-X6533LN captures the highest quality images automatically even in very challenging and fast-changing surveillance environments. Outstanding Intelligent Zoom Stabilization to increase visibility under blur condition.

Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, intelligently reduces bandwidth efficiency up to 95%* more than conventional H.264 for longer recording and less storage.

*Value in Advanced mode with Smart Facial Coding depends on scene.

Extreme image quality for evidence capturing under challenging conditions

- Built-in IR LED to produce a clear monochrome image in 0 lux conditions with 350 m (1150 feet) irradiation distance
- Long-distance vision with high power 40x zoom lens and Intelligent Zoom Stabilization with gyroscope
- Sharp and clear image of fast moving vehicles with Intelligent Auto and ClearSight Coating
- Outstanding low light performance in true color with low noise for night time applications
- Environmental durability: IP66, IK10, Long life Pan/Tilt gear mechanism

Extreme H.265 compression with new Smart Coding

- Longer recording, less storage compared to H.264 based compression techniques
- New self-learning ROI** encoding (Auto V/OS) dynamically detect motion areas to keep vehicles and human in good picture quality while lowering your bandwidth **Region of Interest

Key Features

- Full-HD 1920x1080 60fps
- Long distance IR illumination
- Intelligent Zoom Stabilization with 40x optical zoom
- ClearSight Coating
- Durable Pan/Tilt gear mechanism
- iA (intelligent Auto)
- Color night vision (0.001 to 0.015 lx)
- IP66, IK10 certified
- i-VMD License Bundled

Industry examples

- Traffic
- Safe city
- Railway
- Critical infrastructure
- Airport
- Stadium



WISENET T series

TNO-X8072EPT1-Z

5 MP Network Explosion Proof Fixed Camera



Key Features

- 5 MP (2560 x 1920) resolution
- 4.1-9mm Auto-Iris, P-Iris Lens
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStream II support
- Day & Night (ICR), WDR (120dB)
- DIS with Built-in Gyro sensor
- SD Memory slot (Maximum 256GB)
- Hazardous Rated for Class I II III Division 1 Groups B, C, D, E, F, G cF Mus Approved and II 2 G Ex db IIB+H2 II 2 D Ex tb IIIC IECEX ATEX certified
- Powder-coated aluminum housing

Accessories (Optional)



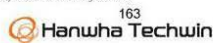
US: Class I Division 1 Groups BCD T6 Ta= -40°C to +60°C, Type 4X, IP66
 Class II/III Division 1 Groups EFG Ta= -40°C to +60°C, Type 4X, IP66
 Canada: Class I Division 1 Groups BCD T6 Ta= -50°C to +60°C, Type 4X, IP66
 Class II/III Division 1 Groups EFG Ta= -50°C to +60°C, Type 4X, IP66
 Class I, Zone 1, AEx/Ex db IIB+H2 T5 Gb Ta = -50°C to +60°C, Type 4X, IP66
 Zone 21, AEx/Ex tb IIIC T85°C Db Ta = -50°C to +60°C, Type 4X, IP66
 II 2 G Ex db IIB+H2 T5 Gb Ta = -50°C to +60°C, IP66
 II 2 D Ex tb IIIC T85°C Db Ta = -50°C to +60°C, IP66
 CERT NO. FM18ATX0073X & IECEX FMG 18.0029K

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TNO-X8072EPT1-Z

VIDEO	
Imaging Device	1/1.8" 6 MP CMOS
Total Pixels	3,096,000 x 2,094,000 6.48 MP
Effective Pixels	2,816,000 x 1,920,000 5.16 MP
Scanning System	Progressive Scan
Minimum Illumination	Color: 0.07Lux (F1.2, 1/30sec), B/W: 0.007Lux (F1.2, 1/30sec)
S/N Ratio	50dB
Video Out	CVBS: 1.0 Vpp / 75Ω composite, 720 x 480 for installation USB: micro USB type B, 1280 x 720 for installation
LENS	
Focus Control	Simple focus / Manual / Remote control via network / Button control (Manual, Simple focus)
Lens Type	Manual / DC auto iris, P-Iris, C / C's lens mount
Focal Length / Angular FOV	4.1-9mm / 32° (Wide) ~ 4.7° (Tele)
OPERATIONAL	
Camera Title	Off / On (ID displayed up to 85 characters) - English / Numeric / International characters / Special characters - Common / Multi-line (Max. 5), Color (Grey / Green / Red / Blue / Black / White) Transparency, Auto scale by resolution
Day & Night	Auto (ICR) / Color (B/W) / External / Sshut-off
Backlight Compensation	Off / B / C / HLC (Masking) / Comming / WDR
Wide Dynamic Range	120dB
Contrast Enhancement	SSSR (Off / On)
Digital Noise Reduction	SSR (On / Off) (noise filter) / Off / On
Digital Image Stabilization	Off / On (Built-in Gyro sensor)
Defog	Off / Auto (input from fog detection) / Manual
Motion Detection	Off / On (8ea. Spot; polygonal zones) / Handover
Privacy Masking	Off / On (3 ea. Polygon) / Color / Grey / Green / Red / Blue / Black / White / Mosaic
Gain Control	Off / Low / Middle / High / Manual
White Balance	ATW / AWB / Manual / Indoor / Outdoor (Included mercury & Sodium)
Contrast	Level adjustment
LDC (Lens Distortion Correction)	Off / On (5 levels with min / max)
Electronic Shutter Speed	Minimum / Maximum / Anti Flicker (Q = 1/2, 0.0sec)
Digital PTZ	2-Ax. Digital PTZ (Preset, Group)
Flip / Mirror	Off / On / Half view / 90° / 270° Tampering, Loitering, Directional detection, Defocus detection, Fog detection, Virtual line, Enter / Exit, Dis/Appear, Audio detection, Face detection, Motion detection, Digital auto tracking, 30fps/cross-section
Video & Audio Analytics	
Alarm I/O	Input: 1ea / Output: 1ea
Remote Control Interface	RS-485
RS-485 Protocol	Samsung-TUE, Pelco-P/C, SunGin, Panasonic, Honeywell, AD, Vicon, GE, Bosch
Alarm Triggers	Alarm input, Motion detection, Video & Audio analytics, Network disconnect
Alarm Events	File upload via FTP, E-mail, Notification via E-mail, Local storage (SD/SDHC/SDV) or NAS recording at event triggers, External, output, DPTZ, preset
Pixel Counter	Support
NETWORK	
Ethernet	RJ-45 (10/100Base-T)
Video Compression Format	H.265 / H.264 (Part 10/AVC) / Main / Baseline / High, MJPEG
Resolution	2560 x 1920, 2560 x 1440, 1920 x 1080, 1600 x 1200, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 76, 720 x 480, 640 x 480, 640 x 360, 320 x 240
Max. Frame Rate	H.265 / H.264: Max. in min. 30fps at all resolutions, MJPEG: Maximum 30fps
Smart Codec	Manual mode (Area-based, 3ea.)
WiseStream II	Support
Video Quality Adjustment	H.265 / H.264: Target bitrate level control, MJPEG: Target bitrate level control
Bitrate Control Method	H.265 / H.264: CBR or VBR, MJPEG: VBR
Streaming Capability	Multiple streaming (Up to 10 parallel) Selectable (Mc/in / Line in), Max. output level: 1Vrms
Audio In	Supply voltage: ±2.5V DC (4mA), Input impedance: approx. 2k Ohm
Audio Out	Line out, Maximum output level: 1Vrms
Audio Compression Format	G.711 u-law/G.726 selectable, G.726 (ADPCM) 8kHz, G.711 8kHz, G.726 16kHzps, 24kHzps, 32kHzps, 48kHzps, AAC-LC, 48kHzps at 8/16/32/48kHz
Audio Communication	Bi-directional (2-way)
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP/UDP, RTP/TCP, RTSP, RTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SFTP, ICMP, IGMP, SNMP (v1/v2/v3), DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, HTTP(S), Login authentication, Digest login authentication
Security	IP address filtering, User access log, 800, 100 authentication (EAP-TLS, EAP-LEAP)
Streaming Method	Unicast / Multicast
Maximum User Access	20 users at unicast mode
Edge Storage	NAS (Network Attached Storage), Local PC for instant recording
Application Programming Interface	ONVIF profile 5.0, G.711, NAPI (HTTP, AOP), Wisenet Open Platform
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek, Supported OS: Windows 7, 8, 10, MacOS X 10.10, 10.11, 10.12 Plug-in Free Webview - Supported browser: Google Chrome 58, VS Edge 38, Mozilla Firefox 69, Window 64bit only, MS Internet Explorer 9 ~ 11, Apple Safari 9 ~ 11, MacOS X only
Web Viewer	
Central Management Software	Wisenet WAVE Smartviewer, SSM
ENVIRONMENTAL	
Operating Temperature with heater	-40°C ~ +60°C (-40°F ~ +140°F) USA: -50°C ~ +60°C (-58°F ~ +140°F) Canada
Operating Temperature PoF only	-10°C ~ +55°C (-14°F ~ +131°F)
Storage Temperature / Humidity	-50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH
Ingress Protection	Type 4x / IP66
ELECTRICAL	
Input Voltage	Camera: PoE (IEEE802.3af) / Heater: 12-24V DC
Power Consumption	Camera: Maximum 7.5W (PoE) / Heater: 25W
MECHANICAL	
Color / Material	RAL 2003 Yellow Orange / Powder-coated Aluminum
Dimensions (WxHxD)	72 x 5.97 x 13.85"
Weight	1.4 lb (0.74kg)

* The latest product information / specification can be found at ban.hanwhatechwin.com
 * Design and specific items are subject to change without notice.
 * Wisenet is the proprietary brand of Hanwha Technwin, formerly known as Samsung Technwin.

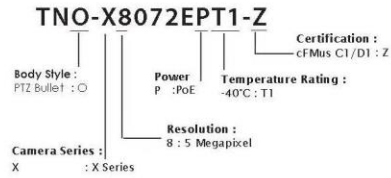


TNO-X8072EPT1-Z

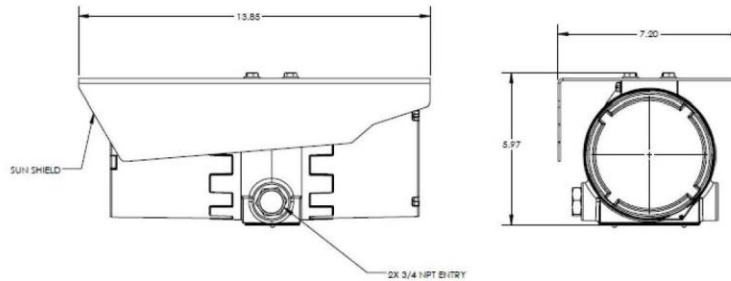
5 MP Network Explosion Proof Fixed Camera



Model Number:



Dimensions



US: Class I Division 1 Groups BCD T6 Ta= -40°C to +60°C, Type 4X, IP66
 Class II/III Division 1 Groups EFG Ta= -40°C to +60°C, Type 4X, IP66
 Canada: Class I Division 1 Groups BCD T6 Ta= -50°C to +60°C, Type 4X, IP66
 Class II/III Division 1 Groups EFG Ta= -50°C to +60°C, Type 4X, IP66
 Class I, Zone 1, AEx/Ex db IIB+H2 T5 Gb Ta= -50°C to +60°C, Type 4X, IP66
 Zone 21, AEx/Ex tb IIIC T85°C Db Ta= -50°C to +60°C, Type 4X, IP66

I 2 G Ex db IIB+H2 T5 Gb Ta= -50°C to +60°C, IP66
 I 2 D Ex tb IIIC T85°C Db Ta= -50°C to +60°C, IP66
 CERT NO. FM18ATEX0073X & IECEx FMG 18.0029X

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I-PRO



RACK- NVR | SR1 | NVR-R-1 (2TB - 12TBA)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-1-2TB-V2	2TB (1 x 2TB)	2TB	16GB	SINGLE	SINGLE
NVR-R-1-4TB-V2	4TB (1 x 4TB)	4TB	16GB	SINGLE	SINGLE
NVR-R-1-8TB-V2	8TB (1 x 8TB)	8TB	16GB	SINGLE	SINGLE
NVR-R-1-12TB-A-V2	12TB (1 x 12TB)	12TB	16GB	SINGLE	SINGLE

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By I-PRO Support Team)
- Recommended Use Case | 150-250Mbps Recording Rate Performance | 1Gbps Network

SERVER SPECIFICATIONS

PROCESSOR
Intel Xeon E-Series Hex Core / Hex Threads

MEMORY
16GB ECC

I/O SLOTS
Up to 8 x PCIe Gen3 Slot

OPTICAL DRIVE
No

DRIVE BAY
2 x 3.5" Drive

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1GbE Dual Port

POWER SUPPLY
250W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES

Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
22 lbs.

DIMENSIONS

1U Rack Mount:
(H) 1.71", (W) 17.1", (D) 23.5"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN

2X Used | 0X Open
0S On (TB) 3.5" Drive

WARRANTY

Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By I-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.
- Static rails included.

surveillance.i-pro.com/products/nvrs

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I-PRO



RACK - NVR | SR2E | NVR-R-2 (24TBA - 72TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-2-24TB-V2	24TB (6 x 4TB)	20TB	32GB	DUAL	DUAL
NVR-R-2-32TB-V2	32TB (4 x 8TB)	24TB	32GB	DUAL	DUAL
NVR-R-2-40TB-V2	40TB (5 x 8TB)	32TB	32GB	DUAL	DUAL
NVR-R-2-48TB-V2	48TB (6 x 8TB)	40TB	32GB	DUAL	DUAL
NVR-R-2-60TB-V2	60TB (5 x 12TB)	48TB	32GB	DUAL	DUAL
NVR-R-2-72TB-V2	72TB (6 x 12TB)	60TB	32GB	DUAL	DUAL

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR is Ready for Out-Of-The-Box Deployment
- Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By I-PRO Support Team)
- Recommended Use Case | 300Mbps-600 Recording Rate Performance | 1Gbps Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB ECC

I/O SLOTS
Up to 5x Gen3 Slots

OPTICAL DRIVE
No

DRIVE BAY
8 x 3.5" Drive

RAID LEVEL
RAID5 (Perc H730)

IDRAC
iDRAC9, Express, + Port

EMBEDDED NIC
1GBE Dual Port

POWER SUPPLY
2x 495W Power Supply Hot Swap

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.
- Static rails included.

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
65.43lbs.

DIMENSIONS
2U Rack Mount:
(H) 3.41", (W) 17.08", (D)27.71"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
Listed
OS on (2 x 1TB) 3.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By I-PRO Support Team)

MONITOR
Not Included

surveillance.i-pro.com/products/nvrs

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I-PRO



RACK - NVR | SR3E-A | NVR-R-2 (48TBA - 80TBA)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-2-48TB-A-V2	48TB (6 x 8TB)	40TB	32GB	DUAL	DUAL
NVR-R-2-60TB-A-V2	60TB (5 x 12TB)	48TB	32GB	DUAL	DUAL
NVR-R-2-72TB-A-V2	72TB (6 x 12TB)	60TB	32GB	DUAL	DUAL
NVR-R-2-80TB-V2	80TB (10 x 8TB)	72TB	32GB	DUAL	DUAL

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By I-PRO Support Team)
- Recommended Use Case | 300-600Mbs Recording Rate Performance | 1Gbs Network
- Recommended Use Case | 600-1000Mbs Recording Rate Performance | 10Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB ECC

I/O SLOTS
8 x Gen3 Slots (4 x 16)

OPTICAL DRIVE
No

DRIVE BAY
12 x 3.5" Drive

RAID LEVEL
RAID5 (Perc H730)

IDRAC
iDRAC9, Enterprise

EMBEDDED NIC
1GBE Dual Port + 10GBE Dual Port

POWER SUPPLY
2x 750W Power Supply Hot Swap

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- After 30 days from invoicing - No Returns accepted.
- Recommended use case based on overall system throughput.
- Static rails included.

ACCESSORIES

Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
73 lbs.

DIMENSIONS

2U Rack Mount:
(H) 3.4", (W) 17.1", (D) 29.0"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN

Listed
OS on (2 x 1TB) 2.5" Drive

WARRANTY

Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By I-PRO Support Team)

MONITOR
Not Included

surveillance.i-pro.com/products/nvrs

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Take Advantage of Upgrade Opportunities with the *NEW* JO Series Product Additions



Look for the new **JO-1MDW** App-Compatible Video Master Station and **JOW-2D** 2-Door Station Adaptor for opportunities to grow your business.



Replace any existing JO-1MD with the JO-1MDW and save time using the same wire!

Your customer can connect up to 8 FREE mobile apps (requires JO-1MDW)

Reach more customers with the best of both worlds: the reliability of a hard-wired master station AND the convenience of a mobile app.

Hard-Wired Station Benefits

Whether it's a delivery, an appointment, a contractor – or even an unexpected visitor – your customers can see and speak with their guests from inside.

The JO-1MDW App-Compatible Master Station provides them the ability to:

- See crisp, clear detail of their visitors on a large 7" touchscreen
- Determine intent before unlocking their door
- Record up to 10 calls with the built-in memory for later reference
- Expand memory with a microSD card without recurring fees
- Avoid missed calls, even when internet is down or slow

Mobile App Benefits

Valued end-users want the ability to remotely unlock the door for their trusted cleaning service, vendor, or employee who forgot their key or keycard.

The JO Series Mobile App gives your customers the convenience to:

- See and speak with visitors from virtually anywhere
- Prevent accidental unlocking with in-app slider
- Monitor their entrance anytime, from any location
- Have a cloud-based app that provides flexibility and safety – even on the go
- Download from their preferred app provider: Google Play™ or App Store™

Google Play is a trademark of Google LLC. App Store is a service mark of Apple Inc.



Easily Provide a Larger System Capacity

Revisit your current JO Series customers to offer them upgraded features. The new **JO-1MDW** App-Compatible Video Master Station can easily replace the original version.

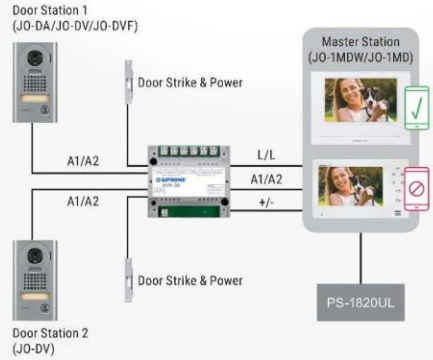
Plus, with the new **JOW-2D** 2-Door Station Adaptor, any existing system can now be expanded to a full 2x2x8 capacity with the mobile app.

Now Expand with the Optional **JOW-2D** 2-Door Station Adaptor!

And since each door station can reuse doorbell wire, the installation process is simplified.



Your customer can connect up to 8 FREE mobile apps (requires JO-1MDW)



SECURITY COMMUNICATION SOLUTIONS
aiphone.com

Aiphone Corporation
HEADQUARTERS
6670 185th Ave NE
Redmond, WA 98052

Aiphone Corp. East
REMOTE OFFICE
535 Route 38 East, #340
Cherry Hill, NJ 08002

Aiphone Corp. Canada
REMOTE OFFICE
400 St. Martin West Blvd., #200
Laval, QC H7M 3Y8

Customer Service & Technical Support (800) 692-0200

#91281 | JO Series Sales Sheet | 10/2019

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JO-DA/DV/DVF Video Door Stations for the JO Series



DESCRIPTION

The JO-DA is a surface mount plastic color video door station. The JO-DV is an aluminum die cast surface mount color video door station. The JO-DVF is a stainless steel flush mount color video door station. All of these units work with the JO Series and connect to the master station or expansion station using an 18AWG 2-conductor solid core cable. Each unit includes a camera, microphone, speaker, and call button. Tamper resistant screws are provided for mounting the JO-DV and JO-DVF units.

All JO Series door stations are available as part of a kit including the JO-1MD master station.

When the call button on the door station is pushed, the inside stations ring and the video monitor comes on with the image from the door station's camera. The user at the inside station touches the "TALK" button to initiate communication. The person at the door station speaks hands-free.

FEATURES

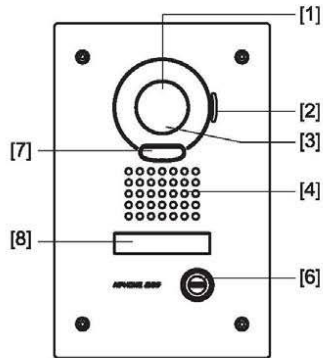
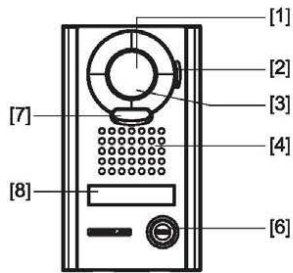
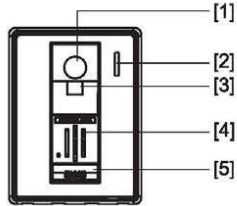
- Color video camera with audio intercom
- 2-way hands-free voice communication with JO master and expansion unit
- Call button to initiate call to master(s)
- White LED illuminator for low light conditions
- Simple 2-conductor wiring
- Surface (JO-DA, JO-DV) or flush mount (JO-DVF) styles available
- 330' wiring distance to Master on 18AWG 2-conductor cable (Aiphone wire #871802)
- JO-DA and JO-DVF not sold separately

JO-DA/DV/DVF Spec Sheet
0420 Pg.1

Aiphone Corporation
www.aiphone.com
tech@aiphone.com
(800) 692-0200

JO-DA/DV/DVF
Camera Door Stations for the JO Series

FEATURE CALL-OUT



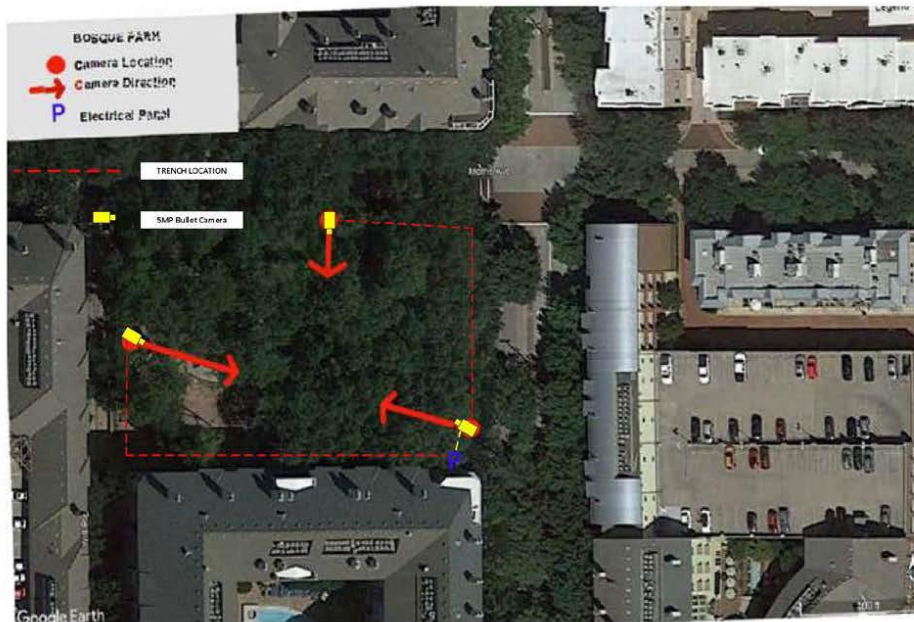
FEATURE CALL-OUT DEFINITIONS

- [1] Camera
- [2] Microphone
- [3] Illumination sensor
- [4] Speaker
- [5] Call button with white LED
- [6] Call button
- [7] White LED
- [8] Directory Card

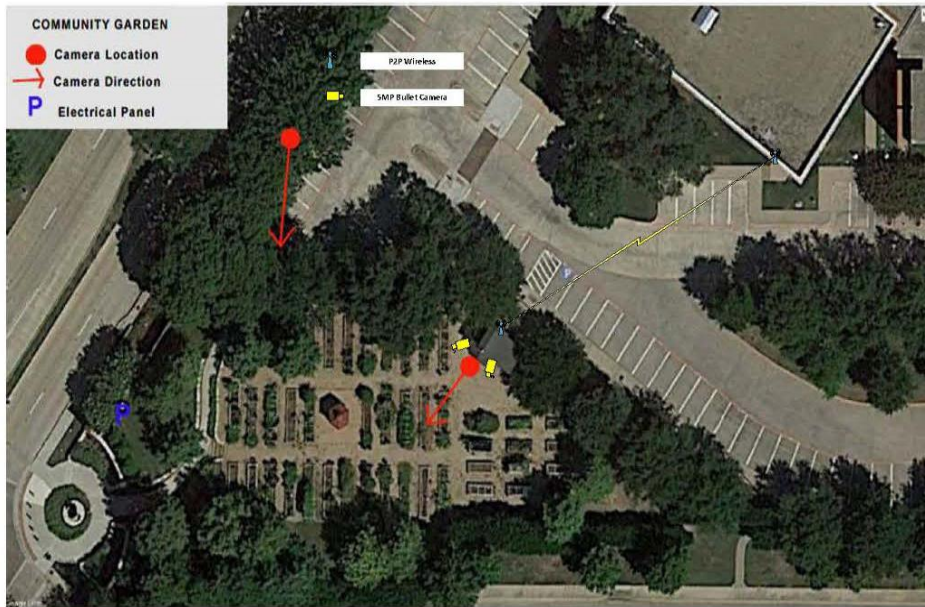
SPECIFICATIONS

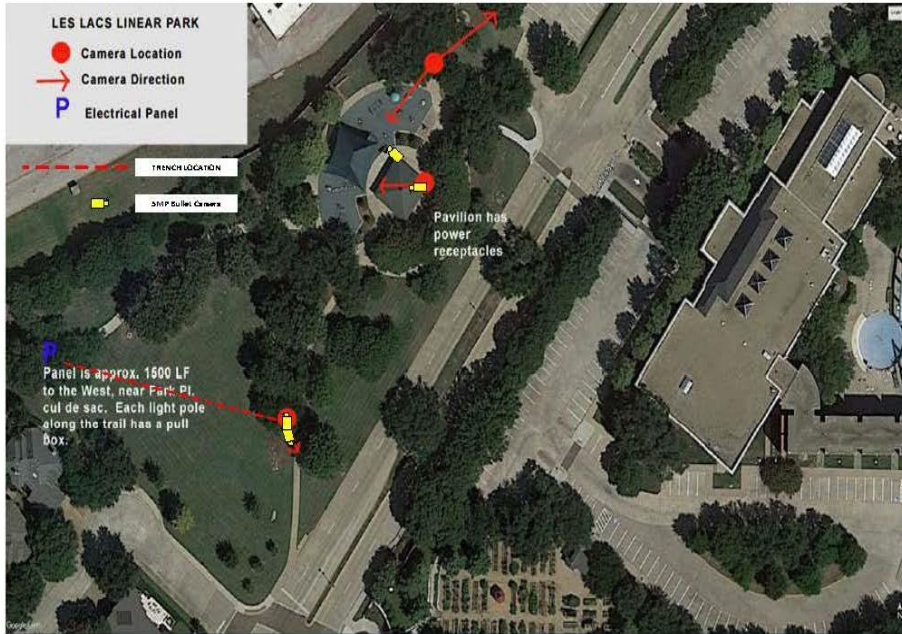
Power Source:	Supplied from JO Series Master
Communication:	Hands-free communication (auto-voice actuated or PTT) controlled by master station
Camera:	CMOS
Min. illumination:	5 lux
Wiring:	2-conductor, PE insulation, Aiphone wire #871802
Wiring Distance:	330'
Operation Temp:	-4~140° F (-20 ~ 60° C)
Dimensions (HxWxD):	
JO-DA	5- ¹ / ₁₆ " x 3- ¹ / ₁₆ " x 1- ³ / ₁₆ " (129 x 97 x 35.5 mm)
JO-DV	6- ¹³ / ₁₆ " x 3- ⁷ / ₁₆ " x 1- ¹ / ₁₆ " (179 x 98 x 26.8 mm)
JO-DVF	8- ¹ / ₄ " x 5- ⁵ / ₁₆ " (209 x 135 mm)
Weight: (approx)	JO-DA: 0.44lbs (200g) JO-DV: 1.43lbs (650g) JO-DVF: 1.27lbs (580g)

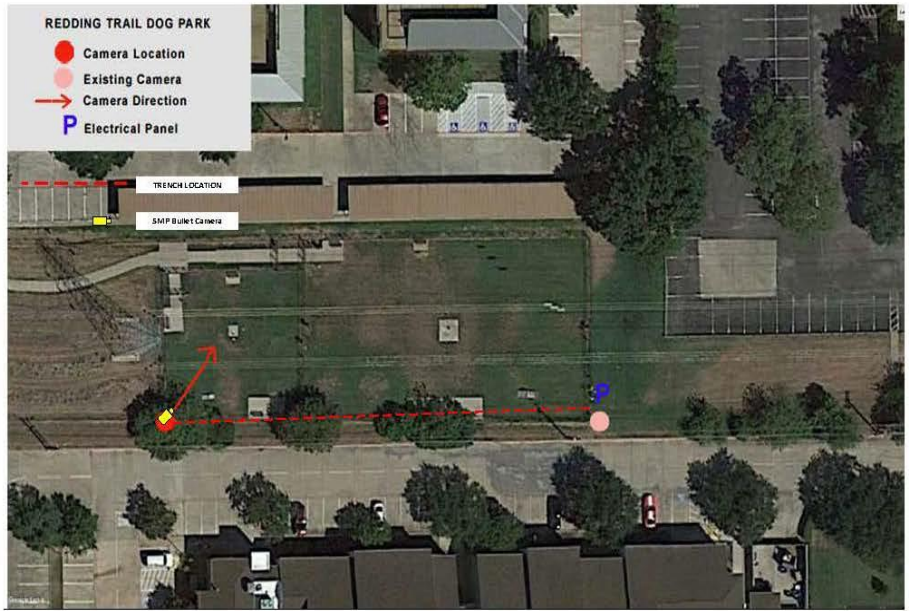


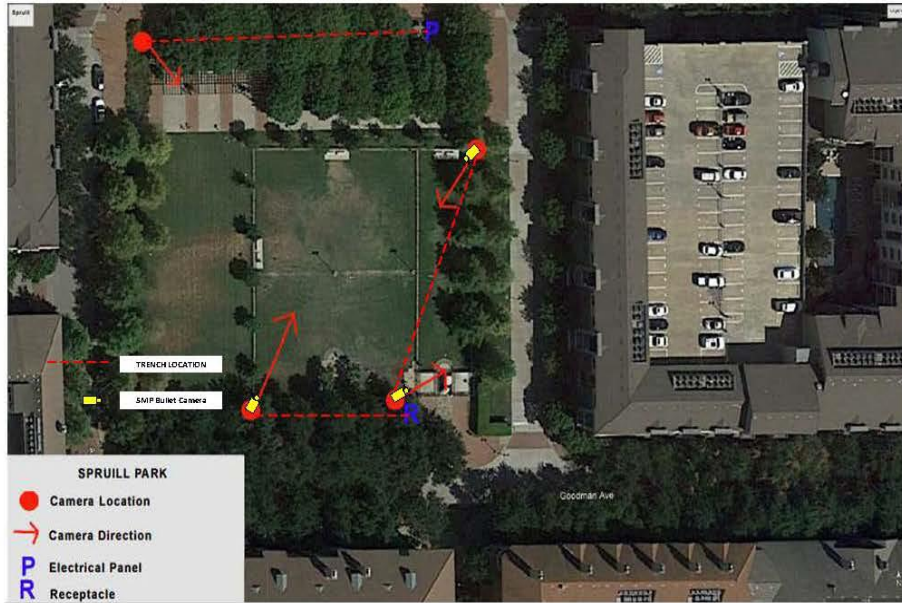




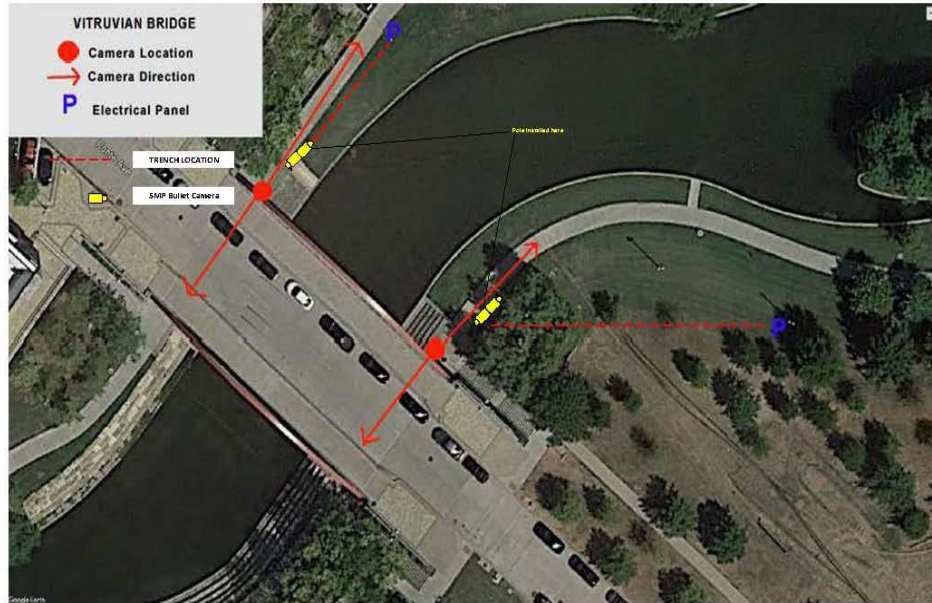




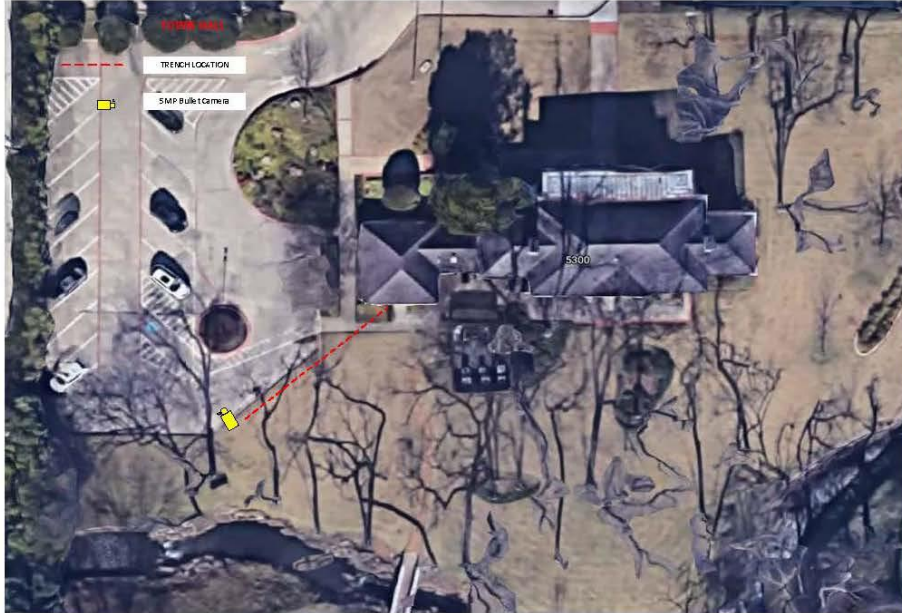




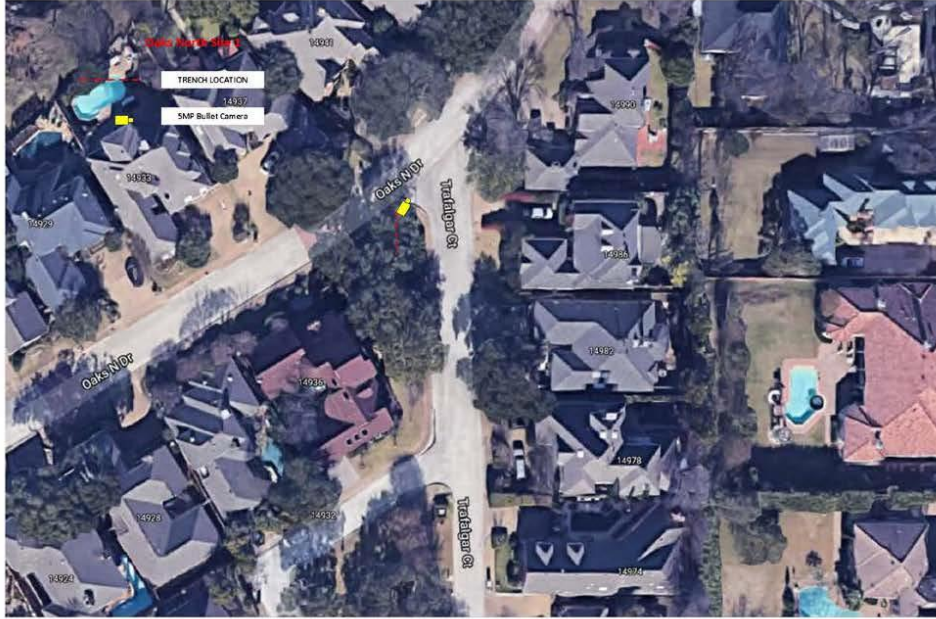




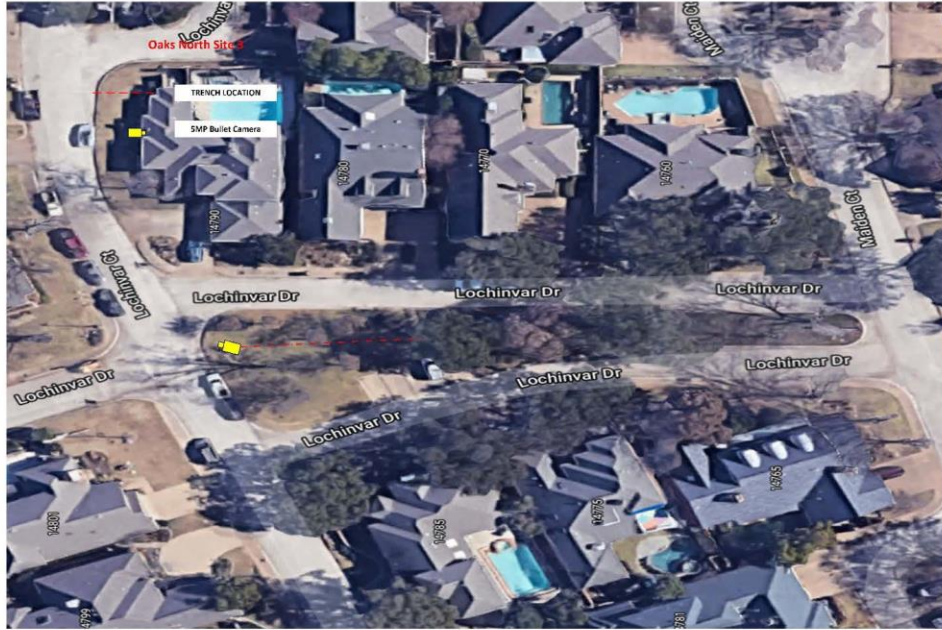












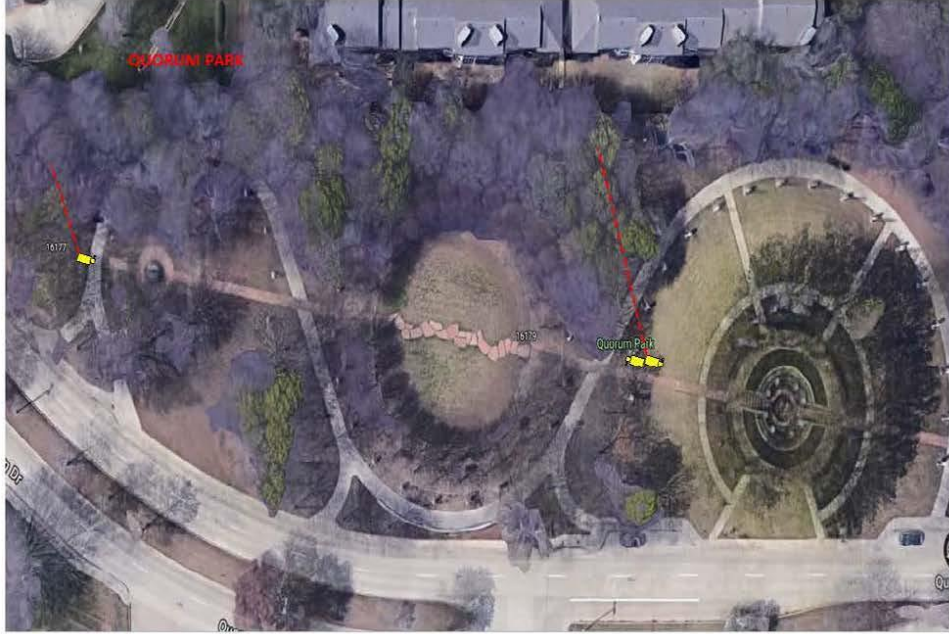


EXHIBIT C



4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

SERVICE LEVEL AGREEMENT

Town of Addison Security Camera System

STS360 will provide a 5-year full onsite warranty for all hardware, software, programming, and installation services provided. STS360 will provide system health monitoring via the Video Insight health monitoring software. STS360 warranties and guarantees all products, material, labor, and work done for the Town on this project. All new hardware and installation will be covered under the 5-year onsite warranty. All warranty replacement, installation, integration, maintenance, preventative Maintenance/Optimization and required testing will be provided at no additional cost to the Town within this 5-year period. STS360 is offering a 24/7 toll free service support line, 2-hour engineer on phone response and 24 onsite response. All requests for service, maintenance, troubleshooting and preventive maintenance will be handled service department dispatch and a case number generated immediately and sent to the client. All interior cameras will come with 10 year Manufacturer warranty. All Exterior cameras will come with 7 year Manufacturer Warranty. All Servers will come with 3 year NBD onsite Dell warranty. Any Manufacturer warranties in place after the 5 year Onsite warranty provided by STS360 will be the responsibility of the Town to facilitate directly through manufacturer.

I. SUMMARY

MISSION STATEMENT

STS360, or CONTRACTOR, will provide the Town of Addison, hereby and here on referenced to as the OWNER, the establishment of procedures in which to successfully fulfill Surveillance and Security Systems maintenance services via improvement of existing support processes, scheduling of implementations, and expedient fulfillment.

SERVICES OVERVIEW

STS360 will provide a comprehensive 5-Year Onsite hardware and labor warranty in conjunction with this project. STS360 warranties and guarantees all products, material, labor and work done for Owner under this Surveillance Systems project. All warranty replacement, installation, integration, maintenance, and required testing will be provided within this 5-Year period unless outside of the terms specified below. STS360 will monitor system server and camera health on a weekly basis via Health Monitor Plus. STS360 is offering a 24/7 technical support toll free number for service. STS360 guarantees a 2-hour engineer on phone response for phone troubleshooting and a 24-hour onsite response for all warranty service or per the terms of the contract. However, while the maximum onsite time is 24 hours, hardware availability or multiple trips may extend closure times.

II. STATEMENT OF WORK

STS360 is proud to offer the below services and ongoing support (as paid for by Town) to Town of Addison (OWNER):

DESCRIPTION OF SERVICES

STS360.com



TXDPS: B10434601
HUB: 1202542335600



4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

Beginning upon final acceptance of project, STS360 will provide to OWNER the following services (collectively, the "Services"):

1. STS360 will provide onsite labor warranty on all provided hardware and labor and integration services are warranted through STS360 from the date of final acceptance. It will not include the cost of parts and labor for OWNER not adhering to the standard terms or outside of specified terms and conditions of this contract. Parts installed by STS360 will be serviced according to their existing manufacturer's warranty; components not provided or installed by STS360 and outside the terms of Manufacturer warranty will be quoted via DIR Line Item pricing and subject to Purchase Order. Service calls will be billed when these incidents are approved by both parties. The proposed and accepted response terms of this warranty contract are:

LEVEL 1 SUPPORT:

- A Toll-free number to reach a live Technical Service Representative 24x7x365.
- A Return call from on-call Systems Engineer / Technician within two (2) hours

LEVEL 2 SUPPORT:

- Additional Troubleshooting is needed; technician is dispatched onsite within 24 hours to resolve the problem. (technician available during Normal Business Hours – Monday-Friday 8-5; Weekend, Holiday, and After-Hours may be subject to 24 hour onsite response times).
- Optimization, Maintenance and Quality Checks performed when techs are onsite

LEVEL 3 SUPPORT:

- Problem is understood and diagnosed, equipment / materials needed to repair / resolve the issue on hand, technician is dispatched onsite within 24 hours from level 2 dispatch
- All Level 3 services to be 100% closed and resolved within a maximum of 72 hours (does not apply to Force Majeure incidents or when manufacturer lead times are delayed).
- Optimization, Maintenance and Quality Checks performed when techs are onsite
- STS360 will stock spares to minimize any product delays

2. All hardware, software, material and other warranties past this contract term, and not renewed in an additional warranty contract year through STS360, will be the sole responsibility of the OWNER to contact the manufacturer directly to obtain replacement, repair or technical support.

ACCESS TO DATA AND COMPUTERS

On request, OWNER agrees to provide Contractor with evidence of a programming error, if the Contractor is unable to replicate the issues reported in a work order. Recipient further agrees to provide Contractor with access to OWNER computers, servers, networks, view stations, cameras and sufficient computer time to enable Contractor to duplicate the problem, determine that it results from a warrantable cause and, after corrective action or replacement has taken place, and determine that the problem has been alleviated. STS360 also requires that OWNER allow access to stored data, upon notification, and the ability

STS360.com



TXDPS: B10434601
HUB: 1202542335600



4040 State Highway 121
Suite 160
Carrollton, TX 75010
(972) 392-3635

to remove data that is causing conflicts and/or inhibiting the ability to repair system to its full functionality. For health Monitoring, Town agrees to give access to system as needed for health monitoring services.

MODIFICATIONS EXCLUDED

Contractor shall not be obligated to provide support services pursuant to this Contract with respect to any modifications of the Software, configurations of the systems, new applications, additional hardware outside of scope, operating systems, and other adjustments made for any reason during the service contract by OWNER or to any computer program incorporating all or any part of this system.

COSTS AND EXPENSES

If terms in this contract for warranty / maintenance and services are determined to not be met by owner, when technician is on site, all work on the service will be put on hold until a purchase order is issued for the work needed to be performed to correct the issue.

TERM PERIOD

This Contract will remain in effect for a period of (60) Months or (5)-Year from the date of final acceptance.

CONFIDENTIALITY

STS, and its employees, agents, or representatives will not at any time or in any manner, either directly or indirectly, use for the personal benefit of STS, or divulge, disclose, or communicate in any manner, any information that is proprietary to Owner. STS360 and its employees, agents, and representatives will protect such information and treat it as strictly confidential. This provision will continue to be effective after the termination of this Contract.

GENERAL WARRANTY

STS360 shall provide its services and meet its obligations under this Contract in a timely and workmanlike manner, using knowledge and recommendations for performing the services which meet generally acceptable standards in STS's community and region, and will provide a standard of care equal to, or superior to, care provided by Contractors similar to STS360 on similar projects. Contractor shall not be liable for any delay in performance directly or indirectly resulting from acts of Owner, its agents, employees, or subcontractors.

ENTIRE AGREEMENT

See original purchase order contract & proposed documents for 'entire agreement.'

Next Page... Service Level Agreement Tiers

STS360.com



TXDPS: B10434601
HUB: 1202542335600



III. SERVICE LEVEL AGREEMENT TIERS

STANDARD CARE PLAN

STS360 seeks to raise Industry Standards by offering the STS360 Standard Care Plan with additional health monitoring services, which provides local Security Specialist with additional technicians available locally as needed to fulfill any service requests. These Specialists are under the work direction of the OWNER on a full-time basis while reporting all Service/Maintenance Activity to STS360 for internally monitored performance metrics. STS360 facilitates the Human Resources and Staffing Requirements, ensuring CJIS Compliance and Randomized Drug Testing. Dedicated Security Specialists are enrolled in Continued Education Units for training quarterly through STS360 and maintain a relationship with OWNER's Project Management and Coordinators. OWNER may add dedicated Security Specialists as needed (SEE Cost Proposal). Specialists may be subject to replacement based on failure to meet performance metrics, engagement in a personal relationship with someone employed by OWNER (unless otherwise mutual), or invalidation of CJIS Compliance Status.

IV. HARDWARE & SOFTWARE SUPPORT PROCESSES

HARDWARE SUPPORT

STS360 warrants to the original purchaser (PURCHASER) that each product of its manufacture (PRODUCT) is covered by this warranty from the date of delivery if properly installed, serviced, and operated under normal conditions. Any part or parts thereof replaced during the base warranty period assumes the remainder of that warranty period or the parts warranty period, whichever is greater. The warranty coverage for the PRODUCT is continual from the original date of purchase and does not restart upon the replacement of any part or complete unit.

Parts and service labor will be covered by STS360 for any failure that is proven to be a failure in material or workmanship under normal use during the applicable warranty period. This coverage is limited to parts and labor. The warranty for replacement parts is limited to direct replacement.

STS360 reserves the right to repair or replace any part, component, or assembly at its option. STS360 may request defective parts be returned for examination before the issuance of credit. Any item that is replaced under warranty becomes property of STS360.

PROCESS FLOW – Standard Care Plan

OWNER experiences issue with Security Equipment.

1. OWNER submits a request to STS360 24/7 TSG (technical support group) describing the following:
 - a. OWNER / Department / Site Name
 - b. Point of Contact (OWNER PoC) Information and Title
 - c. Pertinent Information relating to service request
 - d. If available, Device IP Number / Camera Number / Reader Number





- e. Device Location
- f. Description of issue / concern
2. STS360 Service Coordinator reviews ticket and schedules site visit with provided PoC.
3. STS360 Service Coordinator assigns the ticket to STS360 Security Specialist and schedules visit.
4. STS360 Security Specialist calls OWNER PoC to inform of arrival time range.
5. STS360 Security Specialist evaluates location, troubleshoots issue.
 - a. **Troubleshooting fixes Issue** – STS360 Security Specialist gets OWNER PoC Sign-Off on work completion. STS360 Security Specialist updates ticket and uploads final acceptance sign-off document. STS360 Security Specialist closes Ticket, STS360 Security Coordinator documents in Ticket Report.
 - b. **Hardware is the issue** – Identify whether component is STS360 provided component or existing OWNER Component.
 - i. **IF** – STS360 provided component and under Warranty - STS360 processes warranty per guidelines of any standing Maintenance Agreement
 - ii. **IF** – STS360 provided component and not under Warranty – STS360 proposes quote to replace equipment.
 - iii. **IF** – OWNER’s existing equipment – STS360 prepares quote for hardware to be replaced and submits to ticket/PoC.
 - a. It is OWNER’s responsibility to validate warranty documents internally for the existing defective hardware.
6. IF OWNER and STS360 cannot verify existing component is covered under warranty terms of this agreement, OWNER will provide STS360 Purchase Order to procure and install new equipment (only applicable outside of specified warranty terms)
7. STS360 Purchasing will order equipment (see Asset Management/Shipment) and STS360 Service Coordinator will update status of order on ticket.
8. When all hardware has been obtained (see Asset Management/Warehousing Equipment) STS360 Service Coordinator will notify OWNER PoC to set a time for STS360 Security Specialist to return and resolve issue.
9. STS360 Security Specialist calls OWNER PoC to inform of arrival time range.
10. STS360 Security Specialist replaces component and verifies functionality with OWNER PoC or OWNER Representative validated by OWNER PoC.
11. STS360 Security Specialist gets OWNER PoC Sign-Off on work completion. STS360 Security Specialist updates ticket status, notes, and uploads final acceptance sign-off document.
12. STS360 Security Specialist closes Ticket, STS360 Security Coordinator documents in Ticket Report.

SOFTWARE SUPPORT

PROCESS FLOW, Standard Care Plan

OWNER experiences issue with Security Software.

1. OWNER submits a request to STS360 TSG (technical support group) describing the following:
 - g. OWNER / Department / Site Name
 - h. Point of Contact (OWNER PoC) Information and Title

STS360.com



TXDPS: B10434601
HUB: 1202542335600



- i. Pertinent Information relating to service request
- j. If available, Device IP Number / Camera Number
- k. Device Location
- l. Description of issue / concern
2. STS360 Service Coordinator reviews ticket and schedules Security Specialist/Engineer Remote-In/Onsite Session with provided PoC (SEE Statement of Work/Access to Data and Computer).
3. STS360 Service Coordinator assigns the ticket to STS360 Security Specialist/Engineer and schedules Remote-In/Onsite Session internally.
4. STS360 Security Specialist/Engineer calls OWNER PoC to inform of Remote-In/Onsite Session.
5. STS360 Security Specialist/Engineer evaluates system status, troubleshoots issue.
 - a. **Troubleshooting fixes Issue** – STS360 Security Specialist/Engineer gets OWNER PoC Sign-Off on work completion. STS360 Security Specialist/Engineer updates ticket and uploads final acceptance sign-off document. STS360 Security Specialist/Engineer closes Ticket, STS360 Security Coordinator documents in Ticket Report.
 - b. **Hardware is the issue** – Identify whether component is STS360 provided component or existing OWNER Component (SEE Asset Management/LifeCycle Maintenance).
 - i. **IF** – STS360 provided component and under Warranty - STS360 processes warranty per guidelines of any standing Maintenance Agreement
 - ii. **IF** – STS360 provided component and not under Warranty – STS360 proposes quote to replace equipment.
 - iii. **IF** – OWNER's existing equipment – STS360 prepares quote for hardware to be replaced and submits to ticket/PoC.
 - a. It is OWNER's responsibility to validate warranty documents internally for the existing defective hardware.
6. STS360 Purchasing will order equipment (SEE Asset Management/Shipment) and STS360 Service Coordinator will update status of order on ticket.
7. When all hardware has been obtained (SEE Asset Management/Warehousing Equipment) STS360 Service Coordinator will notify OWNER PoC to set a time for STS360 Security Specialist/Engineer to return and resolve issue.
8. STS360 Security Specialist/Engineer calls OWNER PoC to inform of arrival time range.
9. STS360 Security Specialist/Engineer replaces component and verifies functionality with OWNER PoC or OWNER Representative validated by OWNER PoC.
10. STS360 Security Specialist/Engineer gets OWNER PoC Sign-Off on work completion. STS360 Security Specialist/Engineer updates ticket status, notes, and uploads final acceptance sign-off document.
11. STS360 Security Specialist/Engineer closes Ticket, STS360 Security Coordinator documents in Ticket Report.





V. ASSET MANAGEMENT

LIFECYCLE MAINTENANCE

MANAGEMENT STRATEGY

Upon initiating a partnership with OWNER, STS360 builds an Account Hierarchy into our ERP for the Primary OWNER, the OWNER’s Divisions, and each corresponding OWNER Facility/Location. All new implementations and maintenance work performed at each location are recorded internally. Any maintenance work is entered as a Service Case and all pertinent information is attached to that Case including OWNER Ticket System Data when applicable.

The transactions for each Case are recorded by Date, Sales Order, Distributor, Manufacturer and Part #, providing for accurate, detailed views into the hardware components used in each Case. This allows us to research coverage dates by manufacturer warranty on products that were installed by STS360.

OPTIMAL ORGANIZATIONAL DESIGN

STS360’s success is based on hiring the right people, developing efficient processes, strategically capturing data, seeking bespoke information technology, and fusing it all together to mold the foundation of our asset management program. Our organizational structure defines roles and responsibilities for each department while qualifying individuals at the interview and biannually. We perpetually seek out inefficiencies in processes and communications interdepartmentally and revise accordingly. Working cohesively as a family unit, trusting in each individuals ability to perform and be accountable, promoting intellectual gain through hands-on training, and motivating a desire to grow expertise within one’s role so as to one day train their own replacement and move into their next exciting challenge, existing or yet to be discovered, is at the core of our organic design. This level of care and attention goes into the refining and ongoing development of every process internally.

LONG TERM ASSET PLANNING

STS360’s ability to forecast when infrastructure investments should occur is critical to our performance and product reliability. Navigating the Physical Security and Information Technology Industries is a daunting task with so many new products available every day, it’s nearly impossible to vet all of the manufacturers origins, ethos, or viability. Determining how to optimally invest limited capital and budget for operations and maintenance on Enterprise Security Systems requires an understanding of the current Industry conditions and capacity of the OWNER’s infrastructure to accept ever growing standards. STS360 has worked with a wide variety of Public Sector Clientele over 15 years and, as such, has a seasoned understanding of the costs and risks associated with implementing or deferring enterprise enhancements and expansions. In the Enterprise Physical Security Industry, with regards to Public Sector Investment, our suggestion to Clientele is please be prepared to:

1. Prioritize your capital projects over a (5) to (10)-year period
2. Forecast your capital renewal, expansion and replacement costs over a (10) to (15)-year period
3. Forecast and budget your infrastructure funding requirements for long-term revenue and cost.

STS360 works to provide our Public Sector Clientele added value for the long term, particularly in the rapidly evolving Information Technology and Physical Security Industries.

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WAREHOUSING EQUIPMENT

STS360 tracks all orders from the Purchase Order to the delivery receipt in-house and out. Due to the volume of product we interact with daily, our Purchasing Department is in persistent communication with the Warehouse/RMA Department. Strict documentation procedures are set in place for each interdepartmental communication not only via Inventory Management Software but a physical sign-off, as well, is required by the responsible Purchasing Agent of each order valued at \$5000 or more. Each shipment is stored, corralled, and tagged in the warehouse first by Client, then Project, then Product. Service Department and Project Management Department must both get clearance from Purchasing and Warehouse prior to dispatching product to Field Operations for their corresponding work. All STS360 Service Representatives are responsible for the close monitoring and tracking of their individual project's success.

Upon release of OWNER inventory for delivery to a jobsite, Delivering Security Specialist must sign and timestamp an accountability document with a Warehouse Coordinator to allow transfer of the product. Our Warehouse Coordinators reserve the right to deny release of equipment to Dedicated Security Specialists on same day of scheduled work if the Specialist cannot verify the work is taking place that day. Service Manager Approval may override this denial with a signature.

RECYCLING MAINTENANCE

STS360 will recycle defective irreplaceable electronic components at OWNER designated locations OR STS360 provides recycling services through E-Cycle Enterprises, an Ethical Electronics Disposal service in the DFW Area. <https://ecycleenterprises.com/>



NAID AAA Certified Data Destruction

"In order to meet the high security demands of the modern office, we have attained AAA Certification status via NAID to provide our clients with superior data destruction services. Our company is one of the few electronics recyclers in Texas with standards high enough achieve AAA status. Please reach out to us to find out more about our on-site and off-site data destruction packages."

SHIPMENT

The warranty for replacement parts is limited to direct replacement only with no allowance for freight or transportation charges.

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VI. PARTY COMMUNICATIONS

PLACING A WORK ORDER REQUEST

Call Toll Free: (866) 506-7446

Email: technicalsupport@sts360.com

Dedicated Service Portal – Link to be provided upon award

Our Technical Support Group (TSG) is there for you 24x7x365 and is just a phone call away. A live person will answer immediately, do some basic troubleshooting, and generate a work order while the OWNER is on the phone with TSG representative. If they are unable to assist you to a successful fix of the issue, they will immediately reassign the work order to, and contact the appropriate Level 2 support personnel who will be in contact within 2 hours or less to help resolve the issue, direct you to submit an RMA, and/ or dispatch an on-site technician. STS360 requests the party submitting the work order have some of the following information ready when calling the TSG, because the more information provided, the better we can assist in resolving the issue more expeditiously.

STS360 will request the following information in order to expedite service.

- OWNER / Site Name
- Your Contact Information and Title
- Sales Invoice / Work Order / Or Purchase Order Number (if available)
- Pertinent Information relating to your service request
- Device IP Number / Camera Number
- Device Location
- Description of issue / concern

STS360 PLAN CONTACT

POSITION	PHONE	EMAIL
Service Project Manager (SPM) (Managed Care Plan Req)	(972) 300-1088	techsupport@sts360.com , (SPM Direct Email)
Service Coordinator (SC) (Coordinated Care Plan Req)	(972) 300-1089	techsupport@sts360.com , (SC Direct Email)
Security Specialist (SS) (Dedicated Care Plan)	Provided at Dedication	techsupport@sts360.com , (SS Direct Email)
Technical Support Group (24/7/365) (Standard Care Plan)	(866) 506-7446	technicalsupport@sts360.com

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OWNER POINT OF CONTACT

1. OWNER agrees to provide STS360 a Project Manager as the Primary Point of Contact
2. OWNER's Primary POC will be responsible for resolving financial or business issues outstanding and assist in facilitating final acceptances.
3. OWNER agrees to provide all STS360 necessary system documentation for access to existing systems
4. OWNER agrees to provide logins or access to any Ticketing or ERP system used by the OWNER at no charge to STS360.
5. OWNER agrees to provide assistance in coordination of departmental resources necessary for successful fulfillment.

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VII. ASSUMPTIONS AND EXCEPTIONS

Services or Work Product will be deemed acceptable to OWNER if it conforms in all material respects with Services described in this project or Bill of Materials. STS360 will have full responsibility for the deliverables and the tasks listed in each project or Bill of Materials.

OWNER will complete a review of each submitted deliverable within five business days from the date of delivery. OWNER feedback which indicates revisions to a deliverable are required will be addressed and re-submitted by STS360 within five business days unless approval (in writing) for a different length of time is obtained from the OWNER or designate.

OWNER will either accept or reject STS360's Services or Work Product within a reasonable number of days from performance. For this Project, Services or Work Product will be accepted or rejected within 5 business days from delivery completion date. Failure to provide acceptance or rejection within 5 business days will be considered acceptance of the deliverable. If OWNER gives notice of rejection, then STS360 will have an additional five business days, within which to cure any deficiencies identified in writing by OWNER.

STS360 reserves the right to accept or reject OWNER requested tasks that may result in STS360's incurring of legal liability beyond the scope of STS360's offered Services. STS360 is required to respond with reason for objection and propose an alternative solution when available.

VIII. CHANGE REQUESTS

CHANGE REQUEST PROCESS

STS360 works very efficiently to provide quality estimates from the start of an evaluation. However, if an agreed upon Scope of Work has a mutually agreed change or addition to agreed SOW, STS360 will propose a resolution in the form of a Change Order that, if verified, accepted and signed by OWNER, will be prioritized in schedule and performed by STS360.

Next Page – See a Change Order Form Sample

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CHANGE ORDER FORM SAMPLE

OWNER NAME:
 OWNER ADDRESS:
 PROJECT #:
 PROJECT NAME:
 PROJECT LOCATION:

STS360 PROJECT MANAGER:
 OWNER APPROVER:

DATE CHANGE ORDER SUBMITTED:
 CHANGE ORDER REFERENCE NUMBER:

STS360 submits this change order for the above referenced project. This change order is deemed billable / non billable / price decrease to the OWNER of this project. This change order is subject to the terms and conditions of the original contract. This change will not in any way impact the original scope outside of the indicated changes below. This change order will not impact warranty, and will be included in final project warranty if accepted. The purpose of this change order request is to agree that changes to the scope are requested and to seek approval by the OWNER of this project. A Purchase Order or signed agreement at the bottom of this page will be required to fulfill this change order for the above referenced project. See attached revised Scope of Work and Pricing Revision (if billable / price decrease.)

Change Item	Change Description	Product Description	Part Number	Qty
1				
2				
3				

Above is Sample, please revise as per the scope of each change order (add or delete change items as needed as well. Any scope, warranty and/or price changes must be included in detail in appendixes to be attached and identified above. Please customize each section as needed. Please delete these notes before submitting)

OWNER: _____ CONTRACTOR: STS360 _____
 Approved by: _____ Approval Received by: _____
 Date of Approval: _____ Date Received: _____
 Name: _____ Name: _____
 Title: _____ Title: _____
 Department: _____ Department: _____

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TERMS AND CONDITIONS

STS360 complies with the related Terms and Conditions put forth on the Texas Department of Information Resources website. For services rendered by STS360, compliance under this Statement of Work is met by current DIR or Buyboard Contract being utilized or its successive renewal by STS360 with the State of Texas Department of Information Resources.

STANDARD MAINTENANCE AND SERVICE TERMS AND CONDITIONS

1. This is a warranty and not an insurance policy. This warranty does not take the place of the client's general liability insurance.
2. All warranties exclude remedy for damage or defect caused by abuse, tampering, vandalism, improper or insufficient maintenance, improper operation.
3. The client is responsible for any damage to any improvement, fixture or property not constructed, installed or included in maintenance contract scope by STS360 that may cause the need for repair to the STS360 installed equipment, materials, hardware, etc. (e.g. – damaged ceiling is leaking onto network equipment, STS360 should not be liable to fix the ceiling leak as well as the STS360 equipment).
4. The client will be required prior to repair of unwarranted issue to hold STS360 free of any liability from the cause of the original problem
5. Warranty does not include drainage deficiencies at the job location / location of equipment / material (e.g. – drainage is damaged on facility and run-off of rain water overwhelms drainage and therefore begins draining directly on our equipment where there'd been no point of drainage prior during project installation).
6. Warranty does not include any landscaping issues that cause loss of effectiveness of security after project acceptance (e.g. – Client decides to forego cutting back trees or plants new trees or bushes that grow in front of camera placements, diminishing intended Field of View)
7. Warranty does not include any defects or deficiency caused by materials, design, construction, or work supplied by other than the STS360 outside of the contract scope
8. Warranty does not include changes, alterations or additions made to the installation by anyone other than those performed under obligations of this warranty;
9. Warranty does not include deficiency or defects caused or made worse by the Client's, employees, patrons, or any other party than STS360 during the service contract.
10. Warranty does not cover any deficiencies or defects in workmanship, materials or structural portions normally covered by another warranty or insurance policy whether or not paid by such warranty or insurance policy (e.g. – Client employee repairs something in the electrical room, and because of poor workmanship causes pipes to burst damaging significant portions of our system and the facility / structure and owners insurance doesn't cover it, STS360 should not be liable for the cost to cover damaged equipment caused by workmanship or structural problems on the facilities)
11. Warranty does not cover deficiency or defects resulting from accidents, riot, civil commotion, terror attacks, war, or Acts of God; including but not limited to fire, explosion, smoke, water escape, windstorm, mudslide, erosion, hail, lightning, hurricanes, tsunamis, falling trees, aircraft, vehicles, flood, earthquakes, sink holes, underground springs, volcanic eruptions, saturated soils or change in the level of the under-ground water table.
12. Warranty does not cover any contamination caused or created by natural or man-made chemicals, compounds, or substances used by the client or breakdown or adverse effects of chemicals, compounds, or substances used.

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13. Warranty does not cover pest damage including but not limited to termites, rodents, cockroaches and ants
14. Warranty does not cover any damage caused by water intrusion, including but not limited to roof leaks, window sealants, plumbing
15. Warranty does not cover heat damage, damage caused from dust build up, dampness or condensation due to clients' failure to maintain adequate ventilation in provided IDF/MDF closets.
16. Warranty does not cover any loss, damages or other condition which is not a deficiency or defect of the systems functionality.
17. Warranty does not cover consequential damage: Any property damage or bodily injury which follows as a result of structural damage, or other defects covered under this warranty including defects in workmanship that was not originally installed by STS360 (e.g. – something occurs in relation to structural or poor workmanship from the client or other contractor, causing our equipment to malfunction and cause bodily or property damage, such as a camera coming loose and falling on a person or property.)
18. Warranty does not cover any loss or physically inflicted damage which is not a construction deficiency or defect, including but not limited to chips, scratches, and dents in materials, fixtures, appliances, or other types of equipment
19. Warranty does not cover failure by the client to give notice to the Contractor regarding deficiencies or defects within a reasonable time or as specified in the clients' warranty contract;
20. Warranty does not cover negligence and external maintenance services not facilitated by STS360 employee or improper operation of items warranted under this warranty
21. Warranty does not cover failure of the clients or any client or third-party representative to comply with the warranty requirements of manufacturers of hardware, software, equipment, materials, or fixtures
22. Warranty does not cover any dispute received by Contractor later than 30 days after the applicable Warranty Expiration Date for claimed items of deficiency or defect;
23. Warranty does not cover any alleged deficiency or defect for which there is no evidence of deficiency or defects at the time of the claims investigation; or which has been repaired prior to a claim
24. Warranty does not cover any condition which does not result in actual physical or functional damage to the warranted equipment, materials, hardware, software, materials or fixtures.
25. Billable costs may occur if STS360 Technicians are denied entry to facility and/or when appointments are not cancelled within 24 hours of arrival. Should it be no fault of the client in the event of an unforeseen circumstance (act of God, serious incident / crime, or other unforeseen circumstance), and STS360 will excuse the charge but requests to be contacted as soon as possible to cancel the appointment.
26. STS360 cannot be held liable for unresponsiveness to work orders that are not reported and/or escalated through the proper chain of communication by OWNER in this warranty agreement.

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EXHIBIT D

Additional Requirements, Baseline Cost, and Optional Features and Equipment

PRIOR TO COMMENCING WORK:

Contractor shall apply for a Town of Addison Right of Way permit; Right-of-Way fees shall be waived by the Town of Addison. Work shall not start until a Notice to Proceed (NTP) and the Town of Addison Right-of-Way Permit is approved.

Contractor shall provide a detailed work schedule for Town of Addison review and approval prior to commencing work.

The Town of Addison reserves the right to abandon, without obligation to the Contractor, any part of the Project, or the entire Project, at any time before the Contractor begins any construction Work authorized by the Town of Addison. The Town of Addison may abandon portions of the Project at any time during the Project duration. In case of such partial abandonment, the Contractor shall not be due any payment for lost or unrealized profits on the abandoned portions of the Project.

REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK:

All Work which has been rejected or condemned shall be repaired; or if it cannot be repaired satisfactorily, it shall be removed and replaced at the Contractor's expense. Defective materials or equipment shall be immediately removed from the Work site. Work done without proper inspection; or any Extra or unclassified Work done without written authority and prior agreement in writing as to prices, shall be at the Contractor's risk and will be considered unauthorized, and at the option of the Town of Addison may not be measured and paid for and may be ordered removed at the Contractor's expense. Upon failure of the Contractor to repair satisfactorily or to remove and replace, if so directed, rejected, unauthorized or condemned work or materials immediately after receiving notice from the Town of Addison, the Town will, after giving written notice to the Contractor, have the authority to cause defective Work to be remedied or removed and replaced, or to cause unauthorized Work to be removed and to deduct the cost thereof from any monies due or to become due the Contractor.

TOWN OF ADDISON APPROVAL:

This Project is subject to final approval and acceptance by the Town of Addison. Final approval acceptance will not be given until the punch list items are completed to the Town's satisfaction. This will include and not be limited to communications reliability and video streaming quality. The Town will run a connectivity report on the system before final acceptance. The Contractor shall make a final cleanup of all parts of the Work before acceptance by the Town of Addison. This cleanup shall include removal of all objectionable rock and other construction materials, tools and in general preparing the site of the Work in an orderly manner and appearance.

Site Description and Address	Site Solution	NVR	2MP	5MP	8MP	SIM	Price	st Year Maintenanc	TOTAL
Service Center 16801 Westgrove Dr. Addison, Tx 75001	No change	Local NVR		9		N/A	\$32,790.15	\$2,340.00	\$35,130.15
Addison Conference Center, Theatre Center, and Parking Lot 15650 Addison Road Addison, Tx 75001	18 indoor cam, 18 outdoor cam	Local NVR	18	18		N/A	\$56,568.93	\$2,600.00	\$59,168.93
Addison Police Department 4799 Airport Parkway Addison, Tx 75001	17 Outdoor Vandal Dome Cam, 28 Indoor Cams. Cameras at Municipal Courts need to have audio in.	Local NVR	28	17		N/A	\$70,869.73	\$3,250.00	\$74,119.73
Addison Fire Station #1 4800 Airport Parkway Addison, Texas 75001	Install 7 Cameras on the exterior of the building. Replace 1 Camera in lobby Use new wire and install in drop ceilings where possible and conduit in truck bays.	WAN to Police NVR	1	7		N/A	\$10,776.42	\$910.00	\$11,686.42
Addison Athletic Club 3900 Beltway Dr Addison, Tx 75001	16 outdoor cams, 23 indoors	Local NVR	23	15	1	N/A	\$45,862.99	\$2,080.00	\$47,942.99
Community Garden 3900 1/2 Beltway Dr Addison, Texas 75001	2 Cameras on Poles with. One Camera viewing from the north to the community Garden and one Camera viewing the Garden from the south.	WiFi to Athletic Club NVR		2		2	\$4,984.64	\$390.00	\$5,374.64
Les Lacs Linear Park 3901 Beltway Dr Addison, Tx 75001	4 cameras	LTE to Police NVR		4		4	\$18,086.90	\$1,300.00	\$19,386.90
Beltway Trail 4179 Beltway Dr. Addison, Tx 75001	4 cameras with power	LTE to Service Center NVR		4		4	\$21,358.10	\$1,300.00	\$22,658.10
Fire Station #2 3920 Beltway Dr Addison, Tx 75001	Install 5 Cameras on the exterior of the building.	WAN to Athletic Club NVR		5		N/A	\$8,097.50	\$910.00	\$9,007.50
Addison Treehouse 14681 Midway Rd Addison, Tx 75001	Replace 15 cameras. Add a Camera in SE Corner	Use WAN to store at Service Center	16			N/A	\$12,947.52	\$650.00	\$13,597.52
Addison Town Hall 5300 Belt Line Rd Dallas, Tx 75254	6 cameras to cover entrances and surrounding perimeter. 1 camera with Pole to view the parking lot	Use WAN to store at Service Center		7		1	\$14,438.58	\$650.00	\$15,088.58
Addison Finance Department 5350 Belt Line Rd. Dallas, Tx 75254	6 cameras to cover entrances and surrounding perimeter. 1 camera with Pole to view the parking lot	Use WAN to store at Service Center		7		1	\$9,766.91	\$520.00	\$10,286.91
White Rock Creek Trail West 5560 Belt Line Rd at Winnwood Dallas, Tx 75254	1 Camera on NEW pole at the Bridge.	LTE to Police NVR		1		1	\$8,515.32	\$520.00	\$9,035.32
White Rock Creek Trail EAST 5560 Belt Line Rd at Winnwood Dallas, Tx 75254	3 Cameras on NEW pole with Viewing under the Bridge and one viewing the trail. Also a 5K directional light on a separate circuit on this pole to shed light under the bridge.	LTE to Police NVR		3		3	\$15,553.67	\$650.00	\$16,203.67
Oak North Neighborhood	6 Sites								

Site #1 14936 Oaks N Dr. Dallas, Texas 75254	1 Camera on NEW Pole. See Appendix B of RFP. All areas with Green Square on Map	LTE to Service Center NVR		1		1	\$9,818.95	\$520.00	\$10,338.95
Site #2 14870 Oaks N Dr. Dallas, Texas 75254	2 Cameras on NEW Pole. See Appendix B of RFP. All areas with Green Square on Map	LTE to Service Center NVR		2		2	\$11,907.99	\$520.00	\$12,427.99
Site #3 14800 Lochnivar Dr. Dallas, Tx 75254	1 Camera on NEW Pole. See Appendix B of RFP. All areas with Green Square on Map	LTE to Service Center NVR		1		1	\$9,818.95	\$520.00	\$10,338.95
Celestial Park 5501 Celestial Rd Dallas, Tx 75254	3 Cameras on with power	LTE to Service Center NVR		3		3	\$12,650.10	\$780.00	\$13,430.10
Vitruvian Park Bridge 3865 Ponte Avenue, Addison, Texas 75001	4 Cameras on 2 poles. Poles will be on the North Side of the bridge, one on the East side of the stream and one on the West side of the stream.	LTE to Service Center NVR		4		4	\$19,762.74	\$1,300.00	\$21,062.74
Vitruvian Park Amphitheater 3976 Vitruvian Way Addison, Texas 75001	One Camera on One Pole, viewing the Amphitheater.	LTE to Service Center NVR		1		1	\$8,965.32	\$650.00	\$9,615.32
Addison Town Park And Town Park Dog Run 3799 Sidney Drive Addison, Tx 75001	3 Camera on 3 New Poles, viewing the Playground and Entrance to the Park. Dog Run Camera at North End aiming south.	LTE to Service Center NVR		3		3	\$26,940.80	\$1,560.00	\$28,500.80
Redding Trail Dog Park 14661 Midway Road 75001 Addison Grove	One Camera on one Pole, viewing the Dog Run from the North Viewing South.	LTE to Police NVR		1		1	\$9,109.18	\$650.00	\$9,759.18
4150 Belt Line Road Addison, Tx 75001	4 Cameras. With power	LTE to Service Center NVR		4		4	\$32,742.34	\$1,950.00	\$34,692.34
Addison Circle Park 4950 Addison Circle Addison, Tx 75001	Replace all Existing cameras on poles. **Utilize Cellular network**. Add 2 cameras in 'the grove' near fountains. Add 2 Cameras in the 'Blank Spot' in the park.	LTE to Police NVR		35		35	\$101,277.70	\$4,550.00	\$105,827.70
Addison Circle Park 4950 Addison Circle Addison, Tx 75001	Decommission Existing FluidMesh Network and Remove all equipment.						\$5,000.00	N/A	\$5,000.00
Bosque Park 15675 Quorum Drive Addison, Tx 75001	6 Cameras with power	LTE to Police NVR		6		6	\$29,545.42	\$1,560.00	\$31,105.42
Sprull Park 4936 Marcus Avenue, Addison Texas 75001	4 Cameras on 4 New Pole with Power	LTE to Police NVR		4		4	\$31,443.51	\$1,560.00	\$33,003.51
Addison Airport	12 Camera Locations								
Site #1 North End Runway Centerline 16898 Midway Rd Carrollton, Texas	1 Camera on New Pole with Power	Local NVR				1	\$18,088.84	\$1,170.00	\$19,258.84

SITE #2 Westgrove South of Excel At Taxi/Runup Area (On Airport) 16700 Westgrove at Excel Parkway Addison Texas 75001	2 Cameras on NEW Pole with power viewing to the Southwest Runup Area, to the south viewing the fence/lot to the south	Local NVR				2	1	\$10,688.32	\$390.00	\$11,078.32
SITE #3 New Airport Administration and CIP (Under Construction) 4500 Jimmy Doolittle Dr. Addison Texas 75001	2 Cameras all on the West side of the Building covering the entire Right line to the west of the building. 1 Camera North of the Building viewing west side. Can be PTZ. New pole is needed	Local NVR	1			2	1	\$12,204.00	\$520.00	\$12,724.00
SITE #4 Gate 7 Vehicle Entrance 4758 Jimmy Doolittle Dr. Addison, Texas 75001	1 Camera on NEW Pole Viewing the driver of the entering vehicle. Power from existing Gate Operator	Local NVR				1	1	\$9,127.72	\$390.00	\$9,517.72
SITE #5 Gate 5 Vehicle Entrance 4651 Airport Parkway Addison, Texas 75001	2 Cameras on NEW Pole viewing the Gate and Fence/line and on to the West towards the control tower. Power from local Gate Operator.	Local NVR				2	2	\$10,688.32	\$390.00	\$11,078.32
Site #6 Airport Fuel Farm 4738 George Haddaway Dr Addison, Texas 75001	6 explosion proof cam	LTE to Police NVR				6	6	\$39,052.79	\$2,340.00	\$41,392.79
SITE #7 South End of Taxiway Alpha 4583 Lindbergh Dr. Addison, Texas 75001	2 Cameras on NEW Pole with power. 1 viewing north Taxiway Alpha, one viewing the EMAS and the south runup area and approach end of the runway from the East.	Local NVR				2	2	\$10,688.32	\$390.00	\$11,078.32
SITE #8 EMAS 4580 Lindbergh Dr. Addison, Texas 75001	2 Cameras on Existing Pole. Use Existing Power. Remove Existing camera and replace with a camera viewing the EMAS from the south on the East Side of the runway. ADD a second camera viewing directly to the East fence perimeter	Local NVR				2	2	\$9,248.32	\$390.00	\$9,638.32
SITE #9 EMAS 4580 Lindbergh Dr. Addison, Texas 75001	2 Cameras on Existing Pole. Use Existing Power. Remove Existing camera and replace with a camera viewing the EMAS from the south on the West Side of the runway. ADD a second camera viewing directly to the West fence perimeter	Local NVR				2	2	\$9,248.32	\$390.00	\$9,638.32
SITE #10 Gate 18 4386 Lindbergh Rd. Addison, Texas 75001	2 Cameras on NEW Pole with power. One camera viewing the gate and the fence along Lindbergh, and one camera viewing east to the runway and EMAS	Local NVR				2	2	\$10,688.32	\$390.00	\$11,078.32
SITE #11 T-Hangers and Maintenance Shop 4239 Richard Boyd Addison, Texas 75001	2 Cameras on NEW Pole. Power from local panel on the end of T-Hanger Building. One Camera Viewing the North side of T-Hangers and Gate 17. One Camera Viewing North along Taxiway Bravo	Local NVR				2	2	\$10,688.32	\$390.00	\$11,078.32

SITE #12 Electrical Vault 16101 Dooley Dr. Addison, Texas 75001	2 Cameras. One viewing the Entrance to the vault and the generator. One on the south side of the vault viewing the gate to the vault area. Power available inside the vault	Local NVR				2	2	\$7,168.32	\$390.00	\$7,558.32
QUORUM PARK	3 camera. 2 new poles. 2 camera on One pole looking at water fountain and walkway. 1 camera on one pole looking at other fountain and walkway.	LTE to Police NVR				3	3	\$20,156.97	\$1,560.00	\$21,716.97
Additional Quote										
Service Center 16801 Westgrove Dr Addison, Tx 75001	Access, Video Intercom on Front and Rear Doors							\$4,149.38	\$325.00	\$4,474.38
Addison Police Department 4799 Airport Parkway Addison, Tx 75001	Access, Video Intercom on Front and Rear Doors							\$4,149.38	\$325.00	\$4,474.38
Addison Town Hall 5300 Belt Line Rd Dallas, Tx 75254	Access, Video Intercom on Front and Rear Doors							\$4,149.38	\$325.00	\$4,474.38
Addison Finance Department 5350 Belt Line Rd Dallas, Tx 75254	Access, Video Intercom on Front and Rear Doors							\$4,149.38	\$325.00	\$4,474.38
Town of Addison Locations Various	7 AXIS PTZ Cameras on existing network to convert to Service Center. Locations for 7 cameras at https://addison.tx.maps.arcgis.com/apps/webappviewer/index.html?id=6ee0a3345144204b5424129b0a1e791	LTE to Service Center NVR						\$1,882.00	\$0.00	\$1,882.00

87	173	21								
TOTAL SITES	\$	880,406.76								
ROKING	\$	13,302.00								
GRAND TOTAL	\$	893,636.76								
Warranty Options										
TS360 Comprehensive Onsite Warranty										
Add Year 2	\$	45,000.00								
Add Year 3	\$	45,000.00								
Add Year 4	\$	50,000.00								
Add Year 5	\$	50,000.00								
Camera Extended Warranty										
Indoor 10 year	87	\$	4,409.16							
Outdoor 7 Year	194	\$	14,235.72							

EXHIBIT E

Transition Assistance

Upon termination of the Agreement for any reason, and subject to all amounts due, other than any amounts disputed in good faith, being paid in full, Consultant will create searchable raw text file of each record (each, a "Record") and provide them to the Town for download. Town may request, and Consultant will consider, other formats in which to create the Records, but the final format of all Records will be determined in Consultant's sole discretion. Records can be uploaded to Town's new system by the Town or its new vendor.

1. **Preparation.**
 - a. The Town will provide the desired cutoff date of the Services (the "Cutoff Date"), at which time all existing user accounts will be terminated.
 - b. Consultant will provide one (1) account for the Town to access a web-based storage platform to retrieve Town documents and Records (the "Transition Account"). The Transition Account will be available to Town for thirty (30) days prior to the Cutoff Date.
2. **Content**
 - a. The Town will provide the desired cutoff date of the Services (the "Cutoff Date"), at which time all existing user accounts will be terminated.
 - b. Each Report in Consultant will be recreated as a searchable raw text file (or other mutually agreed to format as described above) using the standard Consultant format then in use.
 - c. All archive files will be accessible via the internet on the Cutoff Date.
3. **Support**
 - a. Consultant will maintain Town Data for up to one (1) year following the Cutoff Date.
 - b. Consultant will resolve any issues it deems to be the result of errors in the Consultant platform or export process for a period of six (6) months after the Cutoff Date.
 - c. No less than one (1) year after the Cutoff Date, Consultant will delete Town Data from all Consultant online systems (e.g. primary database, replica databases, search databases, application caches, etc.) other than database backups, audit logs and server system logs.
 - d. Within six (6) months from the date of deletion of Town Data from all Consultant online systems, all Town Data will be erased from database backups.
 - e. Notwithstanding the foregoing, Consultant reserves the right to retain Town Data on audit logs and server system logs and in support tickets, support requests and direct communications with Consultant.