



41 Perimeter Center East, Suite 250
 Dunwoody, Georgia 30346
 P (678) 382-6700 F (678) 382-6701
dunwoodyga.gov

MEMORANDUM

To: Mayor and City Council
From: Billy Grogan, Acting City Manger
Date: August 11, 2014
Subject: **Discussion of Contract with Federal Signal**

ITEM DESCRIPTION

Discussion of contract award to Federal Signal for a Public Safety Video Surveillance System at Brook Run Park.

BACKGROUND

As you know, the Council approved a contract for a Public Safety Video Solution at Brook Run Park in 2013 and a contract was signed with Iron Sky, Inc. Sometime after the project was started, the company experienced financial difficulties, lost all their employees in Georgia and has been unable to fulfill their contract. Our contract with Iron Sky, Inc. has been terminated through a process approved by our legal department. Although Iron Sky completed some work, the project remains unfinished.

We have had a number of incidents over the course of this past year at Brook Run Park where either the cameras or the license plate readers would have been helpful in solving the case and/or apprehending the suspect. This is an important public safety project and needs to be completed as soon as possible. This is especially important in light of the heavily attended Food Truck Thursday event, the opening of the trail and the future opening of Tree Top Quest.

During the search for another vendor, staff has identified an established vendor to complete this important public safety project. The City of Brookhaven recently contracted with Federal Signal, a large publicly traded company, to install video cameras and access control using the Genetec system. Genetec is one of the leading companies in the video management software industry.

In addition, the City of Sandy Springs recently signed a contract with Federal Signal using the Genetec system to provide the backbone for their Traffic Management Center, all video cameras and access control.

The City of Dunwoody Purchasing Policy reads as follows:

*"The City may acquire Goods and Service pursuant to a **Single Source** Procurement. A Single Source Procurement is a procurement made from one Person among others in a competitive market place which, for justifiable reasons, is found to be most advantageous for the purpose of fulfilling the given purchasing need. The User must provide the justification for the Single Source Procurement to the Purchasing Agent after approved by the City Manager or Council. The Purchasing Agent may elect to purchase particular brand name Goods or Services when the Goods or Services*



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comprise a major brand system, program or service previously selected by the City and due to operational effectiveness, future enhancements or additions, or maintenance or storage of spare parts precludes the mixing of brands, manufacture, etc."

Single Source Procurement is permissible by the City of Dunwoody policy. Staff believes using this method and awarding the contract to Federal Signal is appropriate due to several important reasons:

- The same contractor provides IT services to Sandy Springs, Brookhaven and Dunwoody. Using the same platform and software allows us to leverage the expertise of others easily in the case of an issue or when a staff member is out. This could be a challenge if Dunwoody had a different vendor.
- Having the same platform, vendor and system provides seamless integration between the systems.
- If Dunwoody selects a different vendor, an Interface will have to be developed to provide a seamless integration with other systems.
- Sandy Springs, Brookhaven and Dunwoody all have ChatComm as their dispatching center. The potential for using ChatComm as a force multiplier in the future would be easier if all three cities use the same vendor and system.
- The Sandy Springs Traffic Management Center will be using this vendor and software. It makes sense that Dunwoody does so as well as we implement our own Traffic Management Center. Using the same vendor and software will provide a seamless integration platform.
- Dunwoody recently signed a contract with Federal Signal for their weather warning sirens in both Brook Run Park and Dunwoody Park. This system can be integrated into the Federal Signal / Genetec monitoring software for threat management.

FUNDING

This project was previously approved with a \$131,750 budget. This amount was an additional \$22,750 over the amount previously allocated. This additional amount is being added to this capital project during our upcoming 2014 budget adjustment. A total of \$67,875 was paid to Iron Sky, Inc. leaving \$65,875 in this capital project account. Federal Signal's proposed cost to complete this project is \$73,500 which is an additional \$7,625.

RECOMMENDED ACTION

At this time, staff recommends the Council approve the contract with Federal Signal for the Public Safety Surveillance Video Project at Brook Run Park.



City of Dunwoody Brook Run Park

Federal Signal Proposal for Genetec Security
Center - *Omnicast and Vigilant Solutions ALPR*

July 30th, 2014



Advancing security and well-being.

2645 Federal Signal Drive
University Park, Illinois 60466-3195
708-534-3400
federalsignalpublicsafety.com

July 30th, 2014

City of Dunwoody
Billy Grogan
Chief of Police and Acting City Manager
41 Perimeter Center East, Suite 250
Dunwoody, GA 30346

RE: Brook Run Park Video and ALPR System

Dear Chief Grogan:

Federal Signal is pleased to provide our proposal for the City of Dunwoody and Brook Run Park. This comprehensive solution will add 7 HD surveillance cameras and 2 entrance ALPR cameras on two robust software platforms; Genetec and Vigilant Solutions. All delivered by Federal Signal Corporation, a company dedicated to public safety and security for more than 100 years.

With Federal Signal Corporation you will get:

A team committed to helping you achieve your goals

As a certified ISO 9001 Quality System manufacturer, we contribute to the world we live in with pride by way of disseminating industry standard knowledge, innovative advances in technology and share superb management and conformity assessment practices. Not only are we the leading provider in resolving safety and security events, our solutions are all in compliance with applicable standards and regulations. Therefore, you certify that our solutions will deliver instant, reliable and complete notifications to your community when seconds count most.

A leading global designer and manufacturer qualified to coordinate and control the primary project drivers; system functionality, budget, and schedule

Our experience helps us to ask the right questions and offer alternate solutions to common issues. We integrate the immediate needs of the clients with the larger vision of the community, but most importantly we do so in a cost-effective way without sacrificing quality and desired features. This benefit to our customers has resulted in the successful system deployments in over 40 countries worldwide.

We are excited to have the opportunity to work with you to deliver a state-of-the-art solution that will assist you improve your operation and the city's interaction with surrounding municipalities. We look forward to a long-term successful partnership with the City of Dunwoody.

Regards,

Bob Carter
Enterprise Sales Manager

City of Dunwoody Proposal

PROJECT SCOPE

Federal Signal (FSC) proposes to furnish, install and configure a seven (7) camera video surveillance system using Axis Communications cameras and Genetec Security Center (GSC) with the Omnicast video management system. In addition, FSC proposes to furnish, install and configure two (2) automated license plate recognition (ALPR) system cameras to cover both entrances. This proposal will create a state-of-the-art security and public safety solution for the City of Dunwoody at Brook Run Park for years to come.

GENERAL PROVISION

The system upgrade will consist of three (3) distinct phases. These phases include:

- A. **SYSTEM SOFTWARE AND HARDWARE INSTALLATION/CONFIGURATION**
Phase 1 includes the installation, configuration and integration of the GSC software with 7 new Axis Communications cameras AND
The installation, configuration and integration of two (2) Vigilant Solutions ALPR cameras at the entrances.
- B. **USER PROGRAMMING AND TRAINING**
Phase 2 Federal Signal to train authorized Dunwoody personnel in the operation of the Genetec Omnicast video management system and Vigilant Solutions ALPR LEARN software.
- C. **ON-GOING SERVICE AND SUPPORT**
Phase 3 Service and support of the City of Dunwoody Brook Run Park system.

PROJECT UNDERSTANDING PHASE 1 – HARDWARE AND SOFTWARE INSTALLATION/CONFIGURATION

Federal Signal understands the scope of work for the implementation of the Brook Run Park system.



City of Dunwoody Proposal

SOFTWARE

GENETEC SECURITY CENTER 5.2

- Omnicast Standard Level Software (future integration with City of Dunwoody Omnicast Enterprise Level).
 - Omnicast Standard software which includes:
 - - Archiving support (Max. 50 cameras)
 - - 1 Gateway
 - - 5 client/user connections
 - - Maps/Procedures
 - - Audio Support
 - - Web Pack
 - - 1 Virtual Matrix
 - - Camera Sequences
 - - 1 Keyboard connection
 - - Alarm Management Module
 - - Database reporting
 - - Edge recording and trickling support
 - - Time Zone Support
 - - All languages supported
- 7 Standard Omnicast camera licenses.
- Software maintenance package for 1 year

VIGILANT SOLUTIONS

- LEARN (Law Enforcement Archival Reporting Network)
- CDFS fixed position client software

SERVER/STORAGE

- Genetec SV32 with 4 TB for 14 day video archive.
- Vigilant Solutions CDFS software on rack mounted PC.

CONFIGURATION of CLIENT CONNECTIONS

- Installation and configuration of up to 5 GSC client connections for authorized Dunwoody personnel
- Vigilant TAS client alerts from CDFS – Unlimited.
- LEARN account access – unlimited.

MOBILE and TABLET CONNECTIONS

- User operation of Brook Run system with mobile devices (Android/iphone) and tablet devices, as well as browser access using web-client.

MAP-BASED INTEGRATION

- Integration of camera locations on BING map-image of Dunwoody displaying camera location and field of view direction.
- Vigilant “hit” records with GPS location.

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CAMERAS AND CAMERA LOCATIONS – Includes all fiber terminations and connections

Location 1 – Main Entrance

- Fixed position surveillance.
- ALPR.
- Wireless to clubhouse.
- Note: Pole installation and power by City of Dunwoody.

Location 2 – Playground

- Pan/Tilt/Zoom surveillance.
- Wireless to clubhouse.
- Note: Pole installation and power by City of Dunwoody.

Location 3 – Light Pole East of Skate Park

- Pan/Tilt/Zoom surveillance.
- Fiber to clubhouse.
- Fiber terminations and connections.
- Note: Existing pole, fiber and power by City of Dunwoody.

Location 4 – Light Pole West of Skate Park

- Pan/Tilt/Zoom surveillance.
- Fiber to clubhouse.
- Fiber terminations and connections.
- Note: Existing pole, fiber and power by City of Dunwoody.

Location 5 – Pavilion Drive

- Pan/Tilt/Zoom surveillance.
- Fiber to clubhouse.
- Fiber terminations and connections.
- Note: Pole, fiber and power by City of Dunwoody.

Location 6 – Peeler Road Entrance

- Fixed position surveillance.
- ALPR.
- Fiber to clubhouse.
- Fiber terminations and connections.
- Note: Pole, fiber and power by City of Dunwoody.

Location 7 – Garden Location

- Pan/Tilt/Zoom surveillance.
- Fiber to clubhouse.
- Fiber terminations and connections.

City of Dunwoody Proposal

- Note: Pole, fiber and power by City of Dunwoody.

IDF Location 1

- Fiber terminations and connections.
- Fiber media converters and network switch.
- NEMA enclosure on 4' posts.
- Note: Fiber and power by City of Dunwoody.

IDF Location 2

- Fiber terminations and connections.
- Fiber media converters and network switch.
- NEMA enclosure on 4' posts.
- Note: Fiber and power by City of Dunwoody.

CLUBHOUSE

- Genetec SV32 video surveillance system.
- Vigilant Solutions CDFS server for two cameras.
- Network switch.
- Rack with shelf.
- Note: Power, climate control and Internet service by City of Dunwoody.

PROJECT UNDERSTANDING PHASE 2 – TRAINING

TRAINING

- Federal Signal will conduct training courses that are designed to provide technical and functional knowledge on all systems that the police department will be required to operate.
- Training will be provided to Dunwoody employees or those authorized to utilize the solution.
- Training shall be delivered based on an established training schedule and shall be scheduled to have minimal impact on day-to-day operations.

PROJECT UNDERSTANDING PHASE 3

SERVICE WARRANTY

Federal Signal Corporation (Federal Signal) has the breadth of technical and process expertise to manage Dunwoody's environment in a comprehensive way. Federal Signal provides warranty and maintenance support for hundreds of different types of hardware and helps simplify the business process of support. Federal Signal will provide a single point of accountability, a single contract for enterprise support and a dramatically reduced number of invoices. This helps the Dunwoody to lighten or eliminate the administrative burden. When the Dunwoody's technical staff is freed from serving as the central point of management for a number of different support providers, they have more time to focus on key priorities like emergency management in protecting citizens and increasing public safety.

City of Dunwoody Proposal

Federal Signal has adopted a "hub and spoke" model in which the University park, IL plant is the hub where we have a dedicated technical support line with a network monitoring center. Federal Signal has multiple satellite offices with technical expertise across the globe that is managed from University Park, IL plant. Federal Signal has more than 25 authorized [Service Partners](#) and service shops (categorized in three tiers based on their expertise) who serve as a spoke and local support for a time sensitive incident. Federal Signal has a team of field engineers who primarily perform annual inspection and onsite technical support.

In addition, Federal Signal has made arrangements for local support with a service partner, ISO Networks, which was involved in the original installation and located within 1 hour of Dunwoody.

Federal Signal's service warranty shall commence upon final acceptance of the completed work for each phase. Federal Signal shall provide all warranty repair and maintenance support to the Dunwoody for the entire software solution on a year-round basis. Onsite support takes place during normal business hours. 8am-5pm, excluding holidays. Out of warranty labor rates shall be \$125/hour with a 2 hour minimum.

TECHNICAL SUPPORT

Federal Signal provides toll-free remote support at no cost to the Dunwoody. If Dunwoody purchases onsite support or remote monitoring (typical for IP-based systems), then Federal Signal will provide an operational *Runbook* customized to meet the Dunwoody's needs.

Resource	Source	Availability (CST)
Email Address:	techsupport-ans@federalsignal.com	24/7/365
FSC Technical Support:	(800) 524-3021	8 am to 4:30 pm (Mon. – Fri)

FSC will work with the customer to build a custom operational procedure document (the "runbook") within the first 30 days of service initiation. The runbook will include:

- Response and remediation procedures
- Infrastructure documentation
- Escalation Policies
- Essential Documentation
- Other Dunwoody information that is specific to supporting this SOW

The runbook is a dynamic document that will be updated only when a formal request by the Dunwoody is logged. The runbook will be provide to all FSC certified contractors and call-centers.

City of Dunwoody Proposal

GENETEC TECHNICAL SUPPORT

In addition, as a Genetec customer, COSS will be registered to utilize direct Genetec support using the Genetec Technical Assistance Center (GTAC) and the Genetec Technical Assistance Portal (GTAP), which is their knowledge database, documentation and support forum.

GTAC

The Genetec Technical Assistance Center (GTAC) is equipped with state-of-the-art voice-over-IP call center technology and an award-winning web portal in order to offer customers everywhere the best support experience in the shortest time possible. Whether you require assistance regarding system functionality, maintenance or upgrades, Genetec's Technical Assistance Center will provide you with the answers you need. Give Genetec a call or contact them by email at support@genetec.com.

Monday to Friday 8:00am - 8:00pm EDT

+1 514.856.7100

Toll Free (Canada & US)

+1 866.338.2988

GTAP

As an extension to Genetec's Technical Assistance Center (GTAC), Genetec's Technical Assistance Portal (GTAP) was developed for you to find valuable support information on your own time. The GTAP is a secured area where customers can peruse an extensive knowledge base and product documentations, obtain software downloads, contribute to a customer forum or open a support ticket for further assistance.

Access to the GTAP is FREE for all of Genetec Customers and Partners. Sign up now and uncover an array of technical support resources that will help you install, maintain and use all of Genetec's innovative security solutions.

City of Dunwoody Proposal

PROPOSED COSTS

Federal Signal proposes to complete this project for the investment amount of \$73,500.00, which includes all hardware, software, installation, configuration and a 1 year service warranty.

At the end of year one (1), 12 months after sign-off, Federal Signal will invoice the City of Dunwoody \$9,500 to renew the annual service warranty.

TOTAL SYSTEM COST: \$73,500.00

PAYMENT TERMS

Federal Signal will invoice 50% upon delivery of major system components to job site.
Federal Signal will invoice 50% upon user acceptance of the project.

Invoices are due within 30 days of issuance.

TERMS AND CONDITIONS

Limited Warranty; Exclusions and Disclaimers

To the extent not otherwise warranted pursuant to an applicable manufacturer's warranty, FSC warrants all Equipment for a period of twelve (12) months and installation labor rendered as part of the Work against defects in materials and labor for a period of twelve (12) months (the 'Warranty Period') from the date of substantial completion of the installation; provided, however, no warranty is made as to, and there is specifically excluded from the warranty, any and all expendable supplies, equipment and parts, or any portions of the Work which have been misused, abused, not used in the manner intended, neglected, or damaged by an act of God or altered, modified, or manipulated in any manner by Client or a third party. Any defect in the installation during the Warranty Period will be repaired or replaced at the option of FSC. Any shipping charges in connection with a repair or replacement shall be the responsibility of Client. The repair or replacement shall constitute Client's sole remedy against FSC.

FSC MAKES NO OTHER OR FURTHER WARRANTY WITH RESPECT TO INSTALLATION LABOR, MATERIALS AND EQUIPMENT OR ANY OTHER PORTION OF THE WORK OTHER THAN THE FOREGOING WARRANTY AND SPECIFICALLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL FSC BE LIABLE TO CLIENT OR ANY THIRD PARTY FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, OR PUNITIVE DAMAGES OR FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY OR ANY OTHER CAUSE AS A RESULT OF A DEFECT IN LABOR, EQUIPMENT OR OTHER SUPPLIES OR MATERIALS WITH RESPECT TO ANY ITEM FURNISHED UNDER THE AGREEMENT, MALFUNCTION OR NONFUNCTION OF ANY SYSTEM, WRONGFUL PERFORMANCE OF OR FAILURE TO PERFORM ANY ACTS INCLUDED IN THE WORK, TRANSPORTATION DELAYS OR BREACH OF WARRANTY.

Client acknowledges that no warranty, representation, or statement by any representative of FSC not stated herein shall be binding. This writing, and the document of documents attached hereto or of which this writing is a part, if any, constitutes the final expression of the parties' agreement and is a complete and exclusive statement of the terms of the Agreement.

Limitation of Liability

The parties understand and agree that: (a) the Work is intended to constitute or be part of a security system designed to reduce risk of loss for the Client; (b) Client has selected, accepted and approved the Scope of Work after considering and balancing the levels of protection afforded by various types of systems and services available to it and the related costs of them; (c) neither FSC nor any person engaged by FSC to perform any portion of the Work shall be construed to be an insurer of the person or property of Client, its employees, agents, contractors, assigns, Clients, invitees or any other person at the location(s) where the work is performed (the "Location(s)"); (d) the Price and Payment Terms are based solely on the cost and value of FSC providing the Work and are unrelated to the value of property of Client or others located at the Location(s); (e) the Price and Payment Terms do not contemplate any payment being made or consideration being given to FSC for any guarantee, warranty or insuring agreement by any one or more of them to Client with respect to the person or property of anyone; (f) FSC MAKES NO GUARANTEE OR WARRANTY OF ANY KIND THAT THE WORK (INCLUDING ANY MATERIALS AND EQUIPMENT SUPPLIED AS PART OF THE WORK) WILL AVERT OR PREVENT OCCURRENCES OR CONSEQUENCES THEREFROM WHICH THE WORK IS DESIGNED TO DETECT OR AVERT.

Indemnification

When Client ordinarily has the property of others in its custody, or the Work extends to the protection of the person or property of others, Client shall indemnify, save, defend and hold harmless FSC from and against all



TERMS AND CONDITIONS

claims brought by parties other than the parties to the Agreement. This provision shall apply to all claims regardless of cause, including the performance or failure to perform by FSC, and including without limitation, defects in products or system design, installation, repair service, monitoring, operation or non-operation of materials or equipment, whether based upon negligence, active or passive, express or implied contract or warranty, contribution or indemnification or strict or product liability; provided, however, Client shall have no duty to indemnify in the case of gross negligence or willful misconduct by FSC, its employees, agents or assigns. Client agrees to indemnify FSC against, and to defend and hold FSC harmless from any action for subrogation which may be brought against FSC by any insurer or insurance company or its agents or assigns including the payment of all damages, expenses, costs and reasonable attorney's fees.

Injuries

The Client acknowledges their obligation to obtain appropriate insurance coverage for the benefit of the client. The Client waives any rights to recovery from FSC for any injuries that the client (and/or the client's employees) may sustain while performing services under this Agreement and that are a result of the negligence of the client.

Termination

Either party shall have the right to terminate this Agreement if the other party is in default of any obligation hereunder and such default is not cured within ten (10) days of receipt of a notice from the other party specifying such default. "Default" shall mean:

- a. If Client fails to make payments when due or fails to perform or observe any of its duties or obligations under the terms of this Agreement;
- b. If FSC fails to perform or observe any of its duties or obligations under the terms of this Agreement;
- c. If Client or FSC shall have made any warranty or representation in connection with this Agreement which is found to have been false at the time such warranty or representation was made and is materially harmful to the other party.

This Agreement may also be terminated by either party by giving written notice thirty (30) days prior to effective date of termination.

If Agreement is terminated pursuant to this paragraph, FSC shall be exclusively limited to receiving only compensation for the work performed and appropriately documented to and including the effective date identified in the written termination notice.

Additional Terms and Conditions

- The pricing contained in this proposal is valid for a period of ninety (90) days from the proposal date. Federal Signal Corporation, "FSC", can, at its discretion, provide an addendum to this document extending the proposal pricing period.
- Any enhancements to, or modifications of, any software or hardware utilized in the support of the "Project" not covered in this proposal will be negotiated as a separate price.
- Client will provide information and permission to connect to IT networks as necessary for installation and completion of this project. Information may include locations of network closets and utility rooms, descriptions of network infrastructure, providing static IP addresses, etc. Permission to connect may include co-location of equipment in network closets, creation of subnets or Virtual Local Area Networks (VLANs), opening certain ports on the firewall, etc. To accomplish these tasks, the FSC Team would like to communicate and coordinate with the Client's IT staff early in the project planning process. FSC reserves the right to delay commencement of work, at no penalty to FSC, until questions have been answered, permissions have been granted, and requested information has been provided.
- Client will provide static IP addresses, subnet mask, and default gateway information for all camera system equipment, as necessary. Client is responsible for maintaining the camera system IP address schema documentation and making updates as necessary.



TERMS AND CONDITIONS

- Client will provide a sufficient number of network ports (“network drops”) at designated telecommunications closets (“hub rooms”) within the facilities and locations where camera system equipment will be installed.
- In order to control costs, server redundancy and failover capability has not been designed into this system, unless otherwise stated in the Scope of Work.
- Client is responsible for granting permission or obtaining permits to install any devices, network equipment, mounting hardware, etc., described in this proposal. This includes permission and/or permits for installation of equipment within rooms, hallways, stairwells, poles and on exterior walls, on rooftops, etc., as necessary and within the scope of this proposal.
- This project may contain tasks or deliverables that will depend upon client taking actions to include, but not limited to, providing information, approvals, and deliverables in order for the project to progress or be completed in a timely manner. If the project schedule is delayed in this fashion, the FSC project manager will inform client and record such impact in the weekly report.
- FSC assumes that there will be only one client Point of Contact assigned to lead this project and who will have full support from client senior management. Under this arrangement it is assumed the appropriate client personnel will be available on a timely basis to work with FSC representatives, and that management will provide authority to the POC sufficient to support the full scope of the project.



City of Dunwoody Proposal

CUSTOMER ACCEPTANCE

The undersigned is authorized to approve this work and accepts the attached terms and pricing on behalf of Dunwoody. The signature below directs Federal Signal to proceed with the work as outlined in this proposal. Payment will be made in accordance with the terms of this agreement.

Authorized Signature / Date
City of Dunwoody

Printed Name and Title of Authorized Signature

Purchase Order

Authorized Signature / Date
Federal Signal Corporation

Bob Carter
Enterprise Sales Manager



IP Video Surveillance
See it all. All the time.



Omnicast is the IP video management system of the Security Center platform that provides organizations of all sizes the ability to deploy a surveillance system that truly matches their security needs. With support for a wide range of industry-leading cameras, encoders and CCTV equipment, Omnicast is built to scale and adapt to the changing demands of your security department.

Omnicast Benefits

Security that Evolves with You

Omnicast provides the flexibility to grow your system and add new capabilities whenever it is required, while never being locked into a proprietary solution. With fielded deployments of up to 150,000 cameras, and support for an unrestricted number of workstations, its powerful architecture will allow you to reliably scale, with the assurance that your current operations will not be disturbed.

Deep Integrations with the Hardware of Your Choice

Omnicast's open architecture gives you the freedom to completely customize your system. This means that you can choose from the latest IP cameras or re-use existing analog hardware, using IP encoders, to cut down initial deployment costs. With support for a wide range products from leading technology partners, Omnicast provides integrations with your preferred video hardware and software applications.

Video You Can Rely On

Count on access to live and recorded video available whenever your team needs it. Built-in failover and redundancy features warrant high system availability for video at all times, ensuring you can depend on Omnicast in your mission-critical safety and surveillance operations.

Unify Your Security System

As part of Genetec's Security Center platform, gain greater efficiency and time spent managing disparate applications by unifying your security and business systems. Omnicast can be unified with access control events and alarms, providing a consolidated view of security operations within an intuitive client interface that synchronizes all video and access control monitoring and reporting.

Manage More Video Over Your Network

As the adoption of higher resolution, megapixel camera increases, so too does the need for intelligent video management software to reduce bandwidth consumption. Omnicast provides industry-leading functionality that enables you to minimize bandwidth costs in order to grow your system of HD cameras without hesitation.



Key Product Features Greater Possibilities

Reduce Bandwidth Consumption

Dynamic Stream Selection: Rely on Omnicast to automatically switch the resolution of your video streams, based on the size of the video tile, in order to reduce the load on your network and workstation

Multicasting: Allow many users in various locations to view a video feed simultaneously, without overcrowding the network, by using the bandwidth of each network segment only once.

Multistreaming: Configure different video settings for different video usage, such as live viewing, remote live viewing, recording, etc., to lower the bandwidth that is used and provide the ability to extend storage length of your recordings

Network Load Optimization: With the flexibility to modify advanced settings, such as capping bandwidth, you can optimize the network load thanks to Omnicast's deep-level integration with Tech Partners' edge devices.

Video Trickleing: In cases where bandwidth is limited, you can transfer video stored on edge devices to an Archiver, only when you need it. The capacity of recording video directly at the camera level presents many benefits, including the ability to lower bandwidth consumption and scheduling trickleing for when network demand it low.

Benefit from Greater Reliability

Backward Compatibility: Easily phase in upgrades in order to reduce downtime and cost of system maintenance with software that is backward compatible.

Failover and Redundancy: Ensure that video recording and communication with cameras are secure. Built-in failover and redundancy mechanisms will protect the video recording against hardware and software failures as well as storage failures and network interruptions.

Health Monitoring: Actively monitor the health and up-time of your security system and be notified of your system's performance in real-time through Omnicast's native health monitoring engine.

Uninterrupted Video Streaming: Even if your Directory becomes unavailable, Omnicast can preserve access to live video streaming so that you can continue to monitor cameras without interruption.

Video Watermarking: Add a digital signature to each recorded video frame to ensure its authenticity and that video evidence can be admissible in court.



Advanced Security Features

Interactive Mapping system: Plan Manager is a dynamic map-based command and control module of Security Center that provides interactive functionality to better visualize your security environment

Remote Security Desk: Easily configure a state-of-the-art video wall using standard flat panel displays, allowing you to monitor entities, control live and playback video, and change tile layouts.

Unified Access Control & Video: Unify access control events and alarms with your Omnicast video system. Consolidate security alerts within an intuitive client interface, and take advantage of a synchronized view of video and access control monitoring and reporting.

Threat Level Management: Instantly change the configurations of your security system, including camera setting and door access rights, in response to changing security conditions and potential threats based on predefined settings.

Video Analytics: Select from a number of video analytic tools developed by technology partners that have integrated key functionality from their solutions with Security Center, in order to manage events and alerts detected in Omnicast

Web and Mobile Apps: Security Center Mobile and Web Client provide operators rapid access to monitoring and reporting capabilities anywhere they go



User & Site Management

Active Directory Integration: Centralize the management and synchronization of Windows user accounts with Omnicast's user and cardholder accounts and provide single sign-on capabilities.

Alarm Management: Configure alarms and workflows based on a multitude of system events, such as on-motion detection and door alerts, and assign responses for your operators.

Camera Blocking: Security and IT departments can prevent the viewing of sensitive data by blocking access to live and recorded cameras based on permission levels.

Federation: Centralize Omnicast system monitoring under a single virtual system for ease of global live video monitoring and playback, alarm management, and reporting across all time zones.

Password Protected Export: Safely export video files with a custom encryption key and ensure that only authorized recipients are able to view the file



Genetec

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LEARN®

- Web-based for easy access from any browser on any device
- Hosted & secure solution to eliminate server hardware and IT demands
- Full, partial plate & geo-zone queries
- Common Plate, Associate and Locate Analysis tools
- Easy access to shared LE data and optional private data from NVLS national data sharing initiative

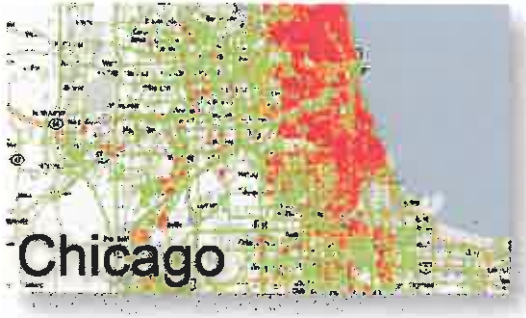
Data Transformed

LEARN® transforms massive amounts of data into actionable intelligence. LEARN makes complex investigative analytics extremely quick and easy, providing new leads, saving time and allowing more cases to be closed. When enabled with LPR data shared from other agencies and Vigilant's network of privately collected LPR data, LEARN provides previously unimaginable insights. . . and results.



DATA SHEET

LEARN®

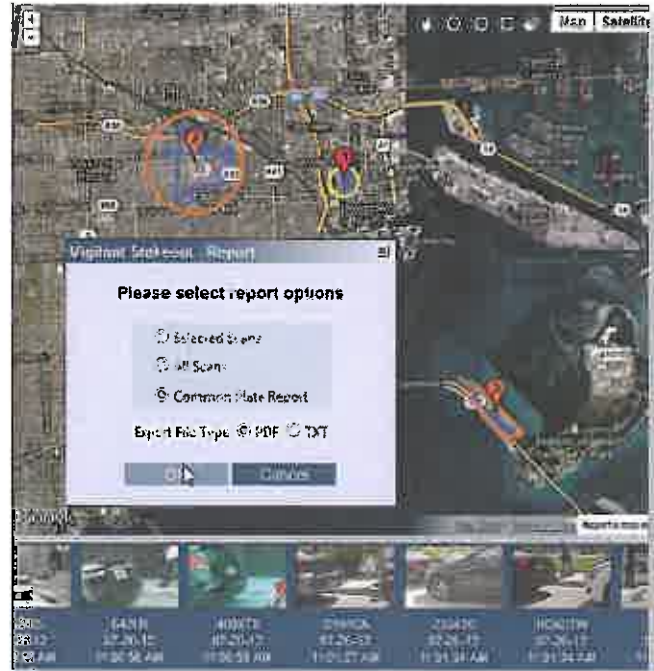


Data is central to LEARN; more data enables more leads. Start with your own agency data, and share data freely with other agencies for additional insights. *For maximum benefit*, subscribe to Vigilant's massive network of privately harvested LPR data. Growing at over 70 million records monthly across all major metro areas of the country, Vigilant's private data supercharges investigations and greatly increases the benefits of an agency's LPR investment.

Analytics

are made easy in LEARN. Use the Stakeout feature to identify potential suspects and witnesses in pattern crimes and large criminal organizations based on *common license plates* across multiple locations. Query for possible associates of known criminals with just a few clicks of the mouse based on license plates frequently seen in close proximity to the suspect. Use Locate Analysis to get a probabilistic report of when and where to look for a vehicle of interest. Vigilant gives you tools you need - simplified.

Secure and in the cloud. Eliminating the need to invest and maintain server hardware, and not requiring resources from IT staff to maintain and optimize a database, LEARN removes many of the frustrations seen in large enterprise LPR systems. Your data belongs to you, you choose if you want to share with other agencies, and you can always access it. Want to host your own regional LPR network? - No problem, we can do that too.



Contact your Federal Signal Sales Representative for more information:

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Fixed LPR / ANPR

- Integrated camera / processor unit with single Power-over-Ethernet (PoE) connection for easy deployment.
- Low power consumption of <14W
- Speed calculation for reporting of high-speed areas, average speed calculations, and planning of targeted speed enforcement
- Published API for 3rd-party integration
- IP67 rated for extreme environments

Strategic and Intelligent

This Fixed LPR solution provides strategic monitoring and high-volume data gathering around a city, region or critical infrastructure location. Managed within LEARN®, alerts may be sent to email addresses, the Mobile Companion™ smartphone application, or to the Target Alert Service client application for PC's. Fixed LPR is a key component to any successful LPR program.



Fixed LPR / ANPR



Versatile Alerting to email addresses via LEARN or to the Mobile Companion smartphone application ensure that relevant information is available in to the right people anytime, anywhere. The Target Alert Service also allows for alerts to be received on any Windows-based PC for dispatching.

Ruggedized components insure that your system will always be keeping watch. A small and compact camera enclosure , rated at IP67, protects the infrared and color cameras as well as integrated processor. With an impressive operating temperature specification and automatic system health monitoring, you can be sure that the Fixed LPR will always be on the job.

Accurate speed is calculated and appended to each vehicle record for us in LEARN. This allows for identification of areas and times that may be ripe for targeted speed enforcement efforts. Speed calculation may also be used for calculation of average speed on road segments and integration into travel time measurement systems.

Key Specifications

Dimensions (WxDxH): 6.5" x 6.8" x 2"

Weight: 3.5 lbs.

Infrared and Color Imaging with Integrated Processor

Capture distances of up to 65' at speeds of up to 120 mph

Integral Infrared LED Illuminators

IP67 Rated, Nitrogen purged

Operating temperature range of -40 to +60 C

Connections: Single Power-over-Ethernet (PoE)

Remote User Configuration Local buffering of up to 100,000 scans

Dynamic Shutter / Gain Control



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