



Increase Public Safety with Gunshot Location and Video Surveillance

Today, crime, especially violent crime and gunfire in our cities, is a significant challenge to citizens, law enforcement officers, fire, ambulance, and other first-responding personnel. In fact, gunfire is the leading cause of crime-related deaths in the nation:

- Nearly 81 people per day die as a result of a gunshot in the United States—that's an average of 1 every 18 minutes.¹
- An average of one police officer dies from a gunshot wound every 10 days.²

Use Your Network to Gain the Benefits of Gunfire Detection, Location, and Video Surveillance

Efficient communications supported by interoperable technologies are vital to the situational awareness, scalability, and effectiveness of gunfire incident response. With the right technologies in place, you can extend the reach of law enforcement to gunfire incidents while increasing your efficiency and effectiveness in protecting the public.

Partners



AtHoc is a recognized leader in providing enterprise-class, network-centric emergency notification systems to military, government, and commercial organizations for physical security, force protection, and personnel accountability. Millions of end users worldwide, in organizations, including the U.S. Air Force, the U.S. Army, the U.S. Navy, Hawaii State Civil Defense, the U.S. Patent and Trademark Office, Boeing, PricewaterhouseCoopers, and eBay, rely on AtHoc's unified management systems for their emergency alerting and critical communication needs.



Business Information Group (BIG) is a leading wireless integration, security, and information technology services firm based in Pennsylvania. BIG designs, builds, and manages regional and community networks that provide accurate, secure, and reliable data, enabling users to freely collaborate anytime, anywhere. BIG prides itself on know-how, experience, quality, and support, and its longevity in the municipal and public safety wireless services industry is second to none. Municipal and public safety integration services, from concept to system management, have been the core of their business since 1992 with more than 1 million square miles of designed or deployed outdoor wireless communication systems. Each member of their diverse staff is fully certified in their area of expertise. BIG's depth and breadth of experience means 99.999-percent reliability—the wireless industry benchmark. Their quality control processes from design to support ensure a high-quality and reliable system, regardless of project size. BIG's suite of support services separate them from other systems integrators, providing peace of mind and immediate problem resolution.



Coleman Technologies, Inc.

Founded in 1995, Coleman Technologies, Inc. (CTI) is a 100-percent employee-owned company that differentiates itself in its commitment to technical excellence, innovation, creativity, and integrity. CTI has more than 300 employees with 23 offices throughout the United States. CTI partners with the industry's premier manufacturers to plan, design, and deliver systems and solutions tailored to meet each client's unique

business requirements. Building on its experience in the aerospace engineering arena, CTI emphasizes a project management approach unrivaled in the industry. With a staff that is more than two-thirds engineers, CTI stands out in a sales-based industry. Its clients span the commercial and public sectors including state, local, and federal government. As a Cisco Gold Partner, CTI boasts a broad portfolio of Cisco certifications including Masters in both Unified Communications and Security.



ObjectVideo®

ObjectVideo is the leader in video-based intelligence, having sold more than 800,000 channels. Based on patented computer vision technology, ObjectVideo technology turns video into data to detect, classify, and track objects of interest according to user-defined rules. It also enables organizations to extract significantly more business intelligence value from their video infrastructure. ObjectVideo analytics are available to original equipment manufacturers (OEMs) as ObjectVideo OnBoard, a digital-signal-processor-based program for inclusion into any device, and products are deployed in a variety of environments worldwide, including protecting U.S. Marines in Iraq.



pTerex is a Cisco Authorized Technology Partner (ATP) and a Hardware Design Integrator (HDI), and maintains a team of highly qualified Cisco CCIE® certified engineers. pTerex has enabled a range of innovative solutions combining IP mobility, security,



IPv4/IPv6, video surveillance, and advance wireless uplink capabilities through the Cisco 3200 Series Mobile Access Routers, pTerex, through the integrated NetSSM Intelligent Services Module (ISM), offers advanced sensor integration and normalization into an intelligent, net-centric environment that interoperates with several incident response systems, while seamlessly integrating Cisco EMTG products such as Cisco IPICS, Cisco digital signage, Cisco integrated services routers, Cisco IP phone applications, and Cisco physical security products into Cisco Open Platform for Safety and Security solutions.

pTerex sensor integration normalizes sensor data into an IP environment for policy-based integration with upstream protocols, pushing the intelligence out to the edge while reducing and securing network traffic. The pTerex solution is based on Cisco hardware and software products, and incorporates security, manageability, and reliability into scalable solutions for seamless mobility in wireless and wired environments.



ShotSpotter is an industry leader in the development of innovative, interoperable net-centric gunshot, sniper-detection, and location systems for the law enforcement and military markets. The company's focus on ingenuity and technological vision drives its continuing mission to create invaluable solutions that reduce gunfire and gun violence while improving the safety of first responders on the street and soldiers on the front. Currently, the ShotSpotter Gunshot Location System[®] protects many cities nationwide, consistently producing arrests and weapons confiscations. Its individually worn sniper detection and location system identifies and tracks friendly military forces, providing dismounted forces with

real-time situational awareness to aid in maneuvers, reduce fratricide, add to a mission's common operating picture, and support after-action review.



Swan Island Networks' flagship service, TIES, is an entirely new service for public safety and enterprise risk management professionals. TIES aggregates open-source and proprietary information from hundreds of sources, filters it for relevance, and presents it as a common operational picture. Alerts and notifications are disseminated via Web-based and mobile clients. TIES also provides an immediate solution for professionals seeking higher-quality, more responsive decision-support systems, for both public and private security needs.



ViaLogY is a leading innovator of net-centric, real-time signal processing platforms for sensor-intensive applications. ViaLogY SPM (Sensor Policy Manager) delivers a unified approach to secure sensor integration, fusion, and standards-based interoperability. SPM includes a toolkit for rapid out-of-the-box deployment within wired and wireless topologies covering tens to thousands of legacy and IP-enabled sensors. Optimized and future-proofed to converged-network best practices, ViaLogY's NIMS-compliant SPM is available as a drop-in policy engine on enterprise appliances, including Cisco's media converged servers (MCSs) and mobile access router (MAR) family. SPM's built-in, comprehensive policy development, testing, and deployment software toolkit enables both autonomous and operator-mediated remote monitoring, integrated security, safety, business continuity, operations, and response management.



VidSys is leading the evolution of Physical Security Information Management (PSIM) by delivering software that collects, correlates, and displays a common operating picture of security information coming from many incompatible systems.

The award-winning situation management and VidShield applications are built on an open-architecture PSIM Platform that provides real-time, plug-and-play integration of multiple incompatible security devices and subsystems (such as access control, RFID, video, sensors, networks, etc). The result is a complete management system that integrates with Cisco's security and networking products to help professionals respond quickly and accurately to evolving business and security risks both inside and outside their organizations. Businesses in the public and private sectors, representing some of the world's largest unified command and control centers, have relied on VidSys for their expertise and the flexibility of its software platform to help them in safely managing their operations.

Learn More

For additional information about the solution that helps you take advantage of your network to gain the benefits of gunfire detection, location, and video surveillance, please contact your Cisco representative or visit:

<http://www.cisco.com/go/government>

¹ Center for Disease Control and Prevention, 2004

² Alan Jay Fox (Northeastern University) and Marianne Zawitz, Homicide Trends in the United States, Bureau of Justice Statistics, Department of Justice