Increase Public Safety and Security by Gunshot Location and Video Surveillance
Today, gunfire in our cities is a significant challenge to the public's safety—as well as to law enforcement, 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 U.S.—one every eighteen minutes.\(^1\)
- A police officer dies from a gunshot wound every ten days.\(^2\)

You have only to pick up a newspaper, listen to the radio, browse the Internet or turn on the television and hear about yet another shooting incident. And the relentless media scrutiny is only one of the many challenges you face daily in serving the public in the best and safest way possible.

City, state and provincial governments are currently confronting severe revenue shortfalls simultaneously accompanied by significant increases in crime; demand for other critical public services (e.g., medical services, public assistance, social services); and escalating operating costs (e.g., energy) across the board. Elected and appointed public officials are committed to successfully addressing these fiscal challenges, boosting productivity and efficiency through the use of new technologies and, as a result, improving public safety and meeting the needs of citizens.

Cisco’s Gunshot Location and Video Wireless Surveillance Network solution extends the reach and effectiveness of public safety personnel by alerting them to the location of gunfire within seconds followed by near-real time sound and video of the incident. As a result, first responders are able to dispatch and respond faster, with tactical information that improves their situational awareness and appropriateness of their response. This increases the safety of officers as well as bystanders. Data from areas where gunshot location and surveillance solutions have been deployed consistently show significant decreases in gunshot incidents and crimes.

Your goals become reality with Cisco® Gunshot Location and Wireless Surveillance Network.

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2. Alan Jay Fox (Northeastern University) and Marianne Zawitz, Homicide Trends in the United States, Bureau of Justice Statistics, Department of Justice.
The Cisco Gunshot Location and Wireless Surveillance Network

Cisco Gunshot Location and Wireless Surveillance Network is an integrated, high-performance solution that allows public safety officials to easily deploy a small tactical wireless video network—and expand it as needed to cover an entire city. These flexible deployment options and powerful capabilities include:

- **Connect gunshot sensors over wireless or wired lines.**
- **Mix and match wired and wireless sensors.**
- **Improve event notification and dispatch functionality.** Cities can immediately communicate events to a single station, multiple stations or locations, or via pager or cell phone.

Optimize Public Safety Response

Cisco’s Gunshot Location and Wireless Surveillance Network provides unparalleled voice, video, and data communications that help to public services response and safety to maximize the combination of video surveillance and gunshot location and detection.

Working with partner SpotShotter, the market leader in gunshot detection applications, Cisco’s Gunshot Location and Wireless Surveillance Network:

- **Critical Infrastructure Protection.**
- **Enhances first responder effectiveness:** Provides law enforcement with near real-time gunshot alerts for faster dispatch. The ShotSpotter system will cut police response time by providing automated notification alerts and precise location of gunfire events.
- **Significantly improves quality of public safety:** In the city areas where their sensors have been deployed, ShotSpotter reports reductions of gunfire rates by nearly 60 to 80 percent and violent crime by 35 percent. Thanks to the solution’s video capture capabilities, it enables confiscation of illegal weapons. It also includes information on a shooter’s location, including drive-by shooters in motion, as well as detailed intelligence and forensic analysis for arrest and prosecution.
- **Extends law enforcement reach:** Provides ears and eyes to law enforcement, acting as both a force extender and multiplier. Provides event data to assist in identification of witnesses and suspects as well as the prosecution of perpetrators.
- **Reduces costs:** Enables public services agencies to take full advantage of their existing technology investments through converged communications which integrate a variety of applications and devices into the network.

Built on the Cisco Open Platform for Safety and Security

Cisco’s Gunshot Location and Wireless Surveillance Network runs on the Cisco Open Platform for Safety and Security (COPSS), a scalable, high-performance architecture that supports multiple sensors and video surveillance, including the ShotSpotter gunshot location application, over wireless networks, as well as a wide range of public service and safety applications.

The Strength of the Cisco Gunshot Location and Wireless Surveillance Network

- **Resilience:** With a focus on maintaining continuous uptime, the Cisco Location and Wireless Surveillance Network optimizes the accessibility and transmission of vital—lifesaving—information, from the incident and to the public service personnel.
- **Protection:** Fully embedded network-wide security—from core to perimeter and beyond your organization’s walls—enables the Gunshot Location and Wireless Surveillance Network to provide comprehensive protection of information and applications.
- **Responsiveness:** Public services personnel can access information at any time, from any location, through wireless-enabled and remote-ready applications and devices.
- **Interaction:** By converging voice, video, and data on a single system and dynamically connecting in-agency and remote public services personnel, the Cisco Gunshot Location and Wireless Surveillance Network strengthens communication among first responders and allows for increased public security and safety.
The efficiency of your city’s public safety—not to mention the security of your personnel and citizens—is impacted significantly by your ability to provide immediate, accurate information to first responders. The Cisco Gunshot Location and Wireless Surveillance Network ensures that you have the critical protection technology infrastructure, tools and products to support your wireless gunshot detection and video surveillance program. The result is heightened safety, as well as significant savings through vastly improved productivity.

Why Cisco for Gunshot Location and Wireless Surveillance?

As the company that built the backbone to the Internet, we’re the world’s leader in creating trusted, reliable solutions that route data to the appropriate place—increasing your network speed and bandwidth.

The hallmark of Cisco’s solutions is collaboration. We provide advanced technologies for public safety agencies that want to increase collaboration and productivity while they increase effectiveness.

Learn More

For More information please visit us at: www.cisco.com/go/government

—Captain Mark Makowski, Buffalo Police Department