



Increase Safety and Minimize Risk by Improving Communication and Collaboration

In response to increasing threats of terrorism and natural disasters, safety and security personnel at all agencies and commands must overcome the technology barriers that complicate collaboration and increase risk.

Use Your Network to Unite People and Information

Efficient communications supported by interoperable technology are vital to the situational awareness, scalability, and effectiveness of incident response. With the right technologies in place, you can increase the quality and effectiveness of response in almost any situation.

For example, most emergency operation centers rely on personnel to monitor data such as video surveillance feeds and sensors. When they identify anomalies, they call key personnel about the potentially dangerous event. Using the operator's verbal description of the event, the decision maker can assess the situation and request that resources be dispatched, if needed.

But what if no human intervention was required? What if the system was automated so that predefined events of interest in sensors and video feeds could trigger actions based on predefined policies? In an instant, the appropriate personnel could be dispatched on any communication device they have.

With a common infrastructure, the interoperability challenges of multiple devices can be eliminated, allowing all parties to communicate and collaborate in real time during an event. This intelligent, converged network can also serve as a platform to develop many other capabilities, services, and applications that address priority concerns such as disaster recovery and continuity of operations (COOP).

Keep Your Employees and Infrastructure Secure with a Cisco Open Platform for Safety and Security

The Cisco® Open Platform for Safety and Security proactively protects employees, citizens, and assets through a scalable, tested network design.

Using this architecture, Cisco partners build solutions on a proven Intelligent Information Network platform to foster collaboration and the convergence of voice, video, data, and physical security. Cisco partners are all recognized industry leaders, and offer integrated and scalable security solutions that provide:

- Improved employee safety and security during emergency notification through early warnings and employee accountability
- Enhanced risk management by facilitating COOP, crisis management, and all-hazards incident response; facilities and critical infrastructure protection via access control and sensors
- Reduced operational costs by using technology to make the same resources more effective
- Interoperable communications regardless of device or location
- Strengthened interagency coordination and collaboration made possible by real-time data, video, and voice on location





Cisco Open Platform for Safety and Security Keeps Information Secure, Too

To effectively anticipate, collaborate, and react, safety and security personnel need to:

- Trust the accuracy and integrity of the data they are reviewing and know it has not been tampered with
- Be confident that critical information is going to be available whether they are in the office, in the field, or at home
- Maintain data confidentiality

Cisco's pervasive security approach protects information at all levels and proactively defends the network from internal and external threats that may compromise the data your employees rely on most.

Cisco Open Platform for Safety and Security Puts More Services at Your Disposal

The Cisco Open Platform for Safety and Security incorporates a variety of Cisco technologies to expand your capabilities:

- Unified Communications
 - Command and control
 - Crisis communication
 - Collaborative workspace

- Physical security
 - Video surveillance
 - Situational awareness
 - Facilities and critical infrastructure protection
 - Intrusion detection
- IP Interoperability and Collaboration System (IPICS) (land mobile radio [LMR] integration)
 - Automated decision support
 - Radio and public switched telephone network (PSTN) interoperability
 - First responder emergency notification
- Digital media services
 - Media distribution
- Converged infrastructure

Cisco also works with several industry solution developers to facilitate:

- Sensor integration and management
 - Chemical, biological, radiological, nuclear, and explosive (CBRNE)
 - Fire
 - Physiological
 - Resources
- Video analytics
 - Decision support
- Enterprise mass notification
 - Unified multi-device alert management
 - IP-based desktop alerting
 - Response tracking and reporting
 - Employee accountability

- Geographic information system (GIS) framework for common operating picture
 - Crisis management
- Physical access control
 - Facilities and critical infrastructure protection

Why Cisco?

- Cisco is the global leader in providing the intelligent, secure, resilient network infrastructure with mobility that is the platform for this enterprise (and other) solution(s).
- Cisco is the global leader in Unified Communications, which is core to the solution and uses the network as the platform.
- Cisco is introducing emerging technologies in the safety and security market (video and LMR interoperability) that easily integrate with Cisco's network architecture as plug-in services.
- Cisco partners and collaborates with other safety and security technology providers to meet your requirements for a converged network solution.

Learn More

For additional information about the Cisco Open Platform for Safety and Security, the solution that helps you derive maximum effectiveness from your safety and security resources, contact your Cisco representative or visit: <http://www.cisco.com/go/fedcoe>