



Stimulate Safety and Security
Invest in Sustainable Benefits with a Network Platform

What the Stimulus Means for Safety and Security Investments

The American Recovery and Reinvestment Act (ARRA) of 2009 contains almost \$2.5 billion in funding for initiatives to address:

- Fighting crime
- Improving the justice system
- Protecting vital resources
- Maintaining public-sector jobs such as firefighters and police officers
- Creating immediate jobs for technicians, project managers, and others

Cisco can help you find the right technologies to fit the program initiatives of these grants, with solutions that improve the day-to-day operational effectiveness of public safety.

Introduction

Several ARRA grants are available for safety and security and will be distributed to eligible local governments to support all components of the criminal justice system, from multijurisdictional drug and gang task forces to crime prevention and domestic violence programs, courts, corrections, treatment, and justice information-sharing initiatives.

The ARRA grants address three basic areas: law enforcement, firefighting, and justice systems. Cisco helps you align priorities for these grants with solutions that improve the day-to-day operational effectiveness of public safety and help keep crucial first responders on the streets where they can monitor the community, gather critical information, and discourage crime. Cisco® safety and security solutions enhance public safety in the following ways every day throughout the United States as they:

- Improve public safety response times
- Reduce public safety downtimes
- Increase clearance rates
- Support partnerships between public safety and the community
- Reduce liability
- Improve first responder safety

Cisco Solutions for Safety and Security

The ARRA supports upgrades of current systems and processes for security. This act recognizes the importance of updating security systems and ensuring that personnel are effectively trained.

Law Enforcement

According to the U.S. Department of Justice, some of these grants are intended to support a broad range of crime prevention and control activities and to improve the criminal justice system. Cisco offers a suite of network-based solutions to help law-enforcement agencies enhance security, protect assets, and enable collaborative information sharing.

Fire and Emergency Medical

The Assistance to Firefighters Grant makes funds available to modify, upgrade, or construct firehouses. Cisco solutions improve communication technology to enhance security awareness, preparedness, and response training for all fire and medical emergency personnel.

Justice

Cisco justice solutions include remote training and courts collaboration, physical security with video surveillance and access control, and video arraignment. For example, Cisco TelePresence™ To Go 500 adds mobility to enable a parole hearing to occur virtually. The prisoner stays at the prison to increase safety and eliminate transportation expense.

Align Funding Priorities with Cisco Solutions

Cisco solutions can help you meet all these goals with a proven architectural approach with allowable capital investments that assist you in many vital ways.

Prevent and detect incidents:

- Video surveillance cameras and software
- Access-control systems that associate physical presence with network security policy
- RFID solutions that integrate asset management with your physical security policy

Quickly assess the scope of an incident:

- Cisco Video Surveillance Manager to view and monitor video, alarms, and coordinate response to incidents

Respond quickly with notification solutions:

- Cisco Unified Communications, the fabric for collaboration, notification, and communication across firefighter units
- Cisco Digital Signage that doubles as an emergency notification platform and safety training device
- Notification solutions that integrate with the complete platform so that those who need to know will know, no matter where they are

Respond faster to events with dispatch interoperability:

- Radio dispatch interoperability solution, Cisco IP Interoperability and Collaboration System (IPICS), that engages safety officials no matter what device they may be near (cell phone, radio, desk phone, laptop computer) to quickly understand a situation
- Better communication helps more accurately assess a situation and dictate an appropriate response

Provide collaboration and training:

- Collaboration solutions that can deliver training live or on-demand on digital signs, on the desktop, or on mobile devices
- Consultation, collaboration, and training that improves firefighter responsiveness, reduces risk, and requires no travel

Cisco safety and security solutions work with IP networks to provide easy access to information from virtually any place, using wired and wireless devices. That access facilitates collaboration, and it enhances incident response, investigation, and resolution. The solutions portfolio is based on a highly secure, standards-based platform that easily integrates with your network to get the most from your existing technology and training investments while expanding your capabilities.

Immediate Benefits from a Network Infrastructure for Public Safety

- **Reduces crime and fear of crime** as officers spend more time on the street, increasing their visibility in the community. The City of Bowling Green, Kentucky, uses an outdoor wireless network that allows police officers to enter accident reports and access criminal databases from the field. This lets them remain on patrol longer, creating a force multiplier. The city is better able to collaborate with other municipalities during a disaster by giving all first responders access to the city network, public safety databases, and other critical applications.
- **Enables effective and efficient resource deployment** with video surveillance systems in critical areas.
- **Increases speed of decision making** as officers in the field can consult booking photos or restraining orders.
- **Improves situational awareness** with access to real-time video captured by a wireless camera at the incident scene or network-connected gunshot detectors.
- **Enhances the quality of decisions** by providing access to more resources such as hazardous-materials databases, gas chromatography/mass spectrometry data, and building blueprints.
- **Reduces operational costs** with a single unified IP network instead of separate networks for voice, video, and data.

- **Reduces communications costs:** Kent Police in the United Kingdom reduced communications costs by 30 percent with unified communications by lowering long-distance tolls and leased-line costs.

- **Reduces training costs:** First responders can receive regular training over the network, with voice, video, and web collaboration. The fire department of Arlington County, Virginia, uses video solutions to broadcast real-time training directly to each fire station.

Sustainable Advantages

Some of the grants in ARRA provide funding opportunities that can help you build a network infrastructure for public safety that offers sustainable advantages:

- **Enables communications interoperability:** A vital element of effective day-to-day public safety services as well as emergency response, IP networks enable first responders and government officials to communicate directly using any type of radio system as well as phones, cell phones, and laptops.
- **Enables regional and national collaboration:** Municipalities that deploy an outdoor wireless mesh network can take full advantage of the National Justice and Public Safety Information-Sharing Network (Nlets). State troopers can quickly determine if a driver's license is valid, and police officers can check the criminal history of a suspect being detained in the field. Task force detectives can check the registration of a suspicious aircraft or boat, and public safety agencies can receive interstate Amber Alerts as well as Homeland Security alerts. In addition, community police officers can check to see if someone is a registered sex offender.

Why Cisco?

And as a leader in unified communications technologies, Cisco is at the forefront of developing safety and security solutions for public sector markets such as education and government. Cisco offers a wide range of technology to enable comprehensive safety and security solutions with:

- Network infrastructure
- Network services
- Unified communications
- Teleconferencing
- Mobility
- Physical security solutions
- Interoperability
- Digital media systems
- Wide array of industry-leading partners

Cisco solutions let you build on your current investments by using the network as a platform to activate network capabilities for new benefit and integrate existing systems.

Cisco Capital: Budgets are tight and affordability is more top-of-mind than ever before. When federal funding and grants fall short, Cisco Capital can customize an alternative acquisition strategy that makes sense for your organization.

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Cisco Services

Cisco offers professional services that help you meet your safety and security mission goals and objectives. Cisco Lifecycle Services, performed by Cisco or by Cisco partners, can help you mitigate project risks and achieve your mission goals to prepare, plan, design, implement, operate, and optimize the lifecycle. See www.cisco.com/en/US/products/ps9909/serv_home.html for more information.

Invest in the Future Today

Take advantage of the stimulus grants available now. To learn more about the American Recovery and Reinvestment Act and available funding, visit the Cisco.com Stimulus Resource Center at:
www.cisco.com/go/govstimulus



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