

## Protect and Serve Communities More Effectively by Improving Communication and Collaboration

**Citizens are now communicating in ways that legacy emergency communications simply cannot support. To keep pace with today's wireless, mobile society, citizen-to-authority emergency communication services must evolve to an IP-based ecosystem that accepts Voice over IP (VoIP), voice, e-mail, images, video and SMS messages.**



### Use Your Network to Meet Mission Objectives

The mission of public safety agencies is to protect and serve their communities. Meeting that mission now requires interoperable technology that minimizes disruptions and allows citizens to communicate using any of the numerous means of communication they employ on a daily basis.

Most emergency communication centers currently depend on an infrastructure that has remained virtually unchanged since the late 1960s. Public switched telephone networks (PSTNs) are particularly susceptible to downtime during natural disasters, terrorism and other unforeseen events, and they are limited to traditional phone-based communications.

Legacy equipment must evolve to accommodate current and future emergency services operations. This means allowing citizens to communicate via multiple forms of communication, including VoIP, voice, e-mail, video and other means. Upgrading to an IP-based network will also allow Public Safety Answering Points (PSAP) to improve and expand inter-agency and multi-jurisdictional collaboration — and, in the end, to fulfill their missions by serving the public more effectively.

### Close the Gap Between Your Citizens' Technology and Your Own

The Cisco/IPC-Positron Citizen-to-Authority Emergency Communication and Collaboration Platform allows public safety access points (PSAPs) to make immediate improvements to their current communication capabilities and, over time, to evolve to fully IP-based Emergency Communication and Collaboration Center — the EC3.

With the Cisco/IPC-Positron platform in place, you can manage all the forms of citizen-to-authority communications — regardless of whether citizens are trying to reach you by text, data, images, phone or video.

The platform delivers a mission-ready, integrated IP-based capability featuring these four key benefits:

**1. Convergence:** Through VoIP technology, the Cisco/IPC-Positron platform allows voice, video and data to be transmitted together simultaneously. The converged communications platform integrates easily with legacy equipment for a cost-effective deployment and is designed to scale easily to meet your future demands.

**2. Collaboration:** The IP-based emergency communications system enables greater inter-agency and multi-jurisdictional collaboration. The platform also offers sole-integrator benefits including single contract, single point of maintenance, integration of applications and legacy equipment, and broad savings across hardware and network costs.

**3. Reliability:** The Cisco/IPC-Positron platform prevents communication disruptions, offering true survivability and the ability to self-heal in real-time. The IP-based platform is a proven alternative to public switched telephone networks (PSTNs) that are susceptible to downtime during natural disasters and other unforeseen events, and cannot manage text messages, e-mail, video and other common forms of communication.

**4. Leadership:** The Cisco/IPC-Positron platform is a proven solution from two market leaders. The platform combines Cisco's worldwide IP networking leadership and Positron's established leadership in the provisioning of fully integrated, end-to-end public safety solutions for emergency call handling and dispatching.

## Deploy the Platform at the Pace and Price that Makes Sense for You

The Cisco/IPC-Positron platform gives you the flexibility you need to improve your legacy system immediately, even on a tight budget. Over time, the platform's scalability gives you room to grow, with easy integration of new applications.

The platform can be deployed in two ways:

- IP-based PSAPs: Use IP connectivity and VoIP in the PSAP for citizen-to-authority emergency communication and collaboration services
- Legacy PSAPs: The Cisco/IPC-Positron platform can be deployed to interface with legacy PSAP terminal points



## Why Cisco and IPC-Positron?

- Cisco (Nasdaq: CSCO) is the worldwide leader in networking that transforms how people connect, communicate and collaborate.
- The Cisco Self-Defending Network combines best-of-breed point technologies to address emerging threats, a systems approach built on Cisco's industry-leading product portfolio to autonomously respond to pervasive threats, and Cisco's differentiating security services portfolio to help make the solutions approach a reality.
- Cisco Unified Communications integrates all forms of communications and collaboration systems and devices into a single, unified system that delivers more efficient and effective communications.
- IPC-Positron provides a fully integrated, end-to-end suite of applications for public safety solutions, and is deeply committed to building a better emergency communications system and offering the richest call handling and dispatch experience available.
- Positron VIPER, the worldwide leading VoIP solution for emergency response, is just one example of IPC-Positron's commitment to providing affordable, feature-rich and evolving systems in the public safety environment.

## Financing Opportunities

Cisco Capital provides the most competitive financing rates, flexible payment schedules and equipment migration options. This allows you to you lower costs, maximize ROI and manage equipment lifecycles. Helping you to achieve long term technological and current financial business goals with the Cisco integrated network solutions that can transform your infrastructure.

Ask your Cisco account manager, channel partner or Cisco Capital representative how to get started. For more information, please visit [www.cisco.com/go/ciscocapital](http://www.cisco.com/go/ciscocapital)

IPC Capital offers a wide range of products including both operating and capital leases for customers large and small. Specialty products include low-cost, tax-qualified lease financing for state and local government. IPC Capital also offers an equipment remarketing service for your use when you have surplus equipment.

IPC Capital representatives are located throughout the U.S. Please contact your IPC Capital representative at (877) 669-2637 for financing of your next equipment purchase.

## Learn More

For additional information about the Cisco/IPC-Positron Emergency Communications and Collaboration Platform, contact your Cisco representative, email us at [EC3@cisco.com](mailto:EC3@cisco.com) or visit:

[www.cisco.com/go/government](http://www.cisco.com/go/government)