

IP-Based Network Applications and Solutions



We support the enablement of solutions for Public Safety, Federal and Local Government Communications:

- Intelligent Transportation Systems
- Video Surveillance
- Video Surveillance Around Critical Infrastructure

Providing IP-Based Network Applications & Solutions

Public Safety, Federal, and local government entities, and enterprises such as oil/gas/utilities often require solutions whose communications are based on IP-based transport. Examples include (1) Intelligent Transportation System (ITS) roadside video surveillance, sensors, and dynamic message sign based solutions to improve highway traffic flows, (2) video surveillance within airports that allows security personnel to view the output of security cameras real-time via PDA's, and (3) video surveillance around critical infrastructure such as oil refineries and chemical plants. Solutions offerings include requirements and business case definition, network, end devices, and application/server solution design, integration, & deployment, and operational services. Our initial offerings are focused on video based solutions with typical wireless and IP-based access and backbone networks.



How We Do It



Providing Video Surveillance Solutions

We will help you design and deploy surveillance solutions for critical infrastructure such as airports, oil refineries and chemical plants. Our surveillance solutions allow security personnel the ability to monitor any video streams via hand-held devices — allowing more rapid and accurate response than today's typical approach. Video capture methods can occur over a mixture of wire line, WLAN, and fixed wireless access technologies, with WLAN being used as mechanism to communicate with security personnel PDAs. We will work with you to determine requirements and design/implement a system to meet these requirements. We will utilize best of class wireless and IP capabilities to ensure the best possible deployed IP-based wireless network. Additionally, we deploy and as necessary enhance best of breed video servers, devices, and video CODECs to meet the video application requirements.

Motorola is providing the best of class wireless & IP capabilities. Enabling the solutions to your city's traffic flow and safety.

Enabling Integrated Transportation System Traffic Flow Solutions

Providing improved traffic flow and traffic safety is a major initiative of state and local governments. These solutions provide a mixture of Dynamic Message Signs, roadside sensors, and video surveillance cameras, where video is the driving requirement on communications. The network solution can consist of a mixture of fiber and wireless IP-transport networks. Where no network is in place, wireless IP networks provide a cost effective, rapid deployable approach to providing this type of solution. We will work with you to identify where end devices should be placed, the best approach for deploying a network, selection of end devices, deployment of the entire solution including end devices, network applications/servers, required roadside construction, and operational support.



Motorola, Inc.

Phone: (888) 567-7347
www.motorola.com/publicsafety
www.motorola.com/missioncritical/datasolutions

MOTOROLA and the Stylized M Logo are registered in the US Patent and Trademark Office. All other product or service names are the property of their respective owners.
© Motorola, Inc. 2005.

MC-FACT-4b