



Enterprise Mobility For Federal Civilian Agencies

*Communications
Incident Management
Asset Management*

A close-up photograph of a man with dark hair, wearing a dark suit jacket, a white shirt, and a red tie. He is holding a mobile phone to his ear with his right hand and looking slightly to the right with a thoughtful expression. The background is a plain, light color.

Connect your personnel to the people, resources and information they need – any place, any time, under any conditions

Leverage the power of mobile technology to help your agency work swiftly, safely and effectively in a time of limited resources and expanded responsibilities.

New Tools for a New Age

Federal agencies face a host of challenges. In response, they are implementing an updated toolbox of mobile technologies to help them:

- Do more with less by maximizing results within limited, shrinking or uncertain budgets.
- Adapt to fast-changing situations and assignments while maintaining continuity of performance.
- Collaborate with other organizations at the local, state and federal levels.
- Hire and retain personnel and support an aging work force.
- Comply with regulations, purchasing procedures and technical standards.
- Maintain an accountability trail while making quick and accurate decisions.
- Above all, remain focused on the agency's mission and the safety and security of personnel and the citizens they work for.

Going Beyond the Call

Today's mobile, mission-critical, enterprise-wide solutions make it possible and cost-effective to:

- Establish secure, reliable voice and data communications across your entire organization, and enable interoperability with other agencies' communications.
- Give your agency the ability to respond quickly when incidents (planned or unplanned) require the immediate deployment of additional communications.
- Identify applicants and personnel via biometrics to positively verify eligibility for benefits and privileges.

- Track the location, maintenance status and availability of every asset—vehicles, supplies, medical equipment and more—to minimize costs and derive maximum value from every resource at your agency's disposal.
- Accurately confirm, from any location, the identity of individuals, vehicles and cargo for heightened security, faster background checks and efficient services enrollment.

Technology Answers

Any solution needs to make sense in terms of your overall technology strategy. You need answers to common concerns:

- Initial and ongoing costs of new technology.
- Integration with legacy systems.
- Ability to fit into your operations without disrupting established procedures.
- Compliance with regulatory issues such as HSPD-12, Information Assurance and narrowbanding.
- Compliance with mandated standards such as P25 interoperability.
- Security, reliability and performance befitting a critical resource for fulfilling your agency's mission.

Dealing with these concerns is easier with an experienced partner who understands how to make technology work for the federal government. Motorola is a global supplier of advanced solution sets for mission-critical voice, data and information systems.

Find out what Motorola can do to empower your agency with the right tools for the missions you face today and tomorrow.

Mission-Critical Wireless Voice and Data

Deliver information into the hands of decision-makers, where and when they need it.

Land Mobile Radio

In the office and in the field, depend on a single, secure, innovative and reliable wireless IP network to link users to a world of information. Flexible, secure, encrypted P25 compliant systems can be scaled to meet your needs now and into the future, from a single radio site to a wide area network spanning your entire agency's wireless coverage needs.

Information Assurance

Secure your network from unauthorized access. Motorola's Information Assurance (IA) program secures your land mobile radio IP infrastructure, ensuring the availability and integrity of the system. Our IA policy, procedures and practices meet federal enterprise goals, mandates and applicable security regulations such as: FISMA, DIACAP, HIPAA and NIST.

Wireless Broadband

Motorola offers a portfolio of data networking choices, from WLAN (with FIPS 140-2 encryption) to Point-to-Point (PTP) Wireless Ethernet bridges and mesh networks. Our broadband networks support voice, video and other high bandwidth applications for critical operations. For example, agencies are

using mesh networks for direct vehicle-to-vehicle data links (including location data) to monitor the safe transport of high-risk cargo. Mesh networks are carrying real-time video from surveillance cameras to command centers, handheld computers, and vehicles so that personnel can keep an eye on events in remote locations.

Command and Control Applications

Assist supervisors and other personnel with systems that help them obtain, analyze and document decision-making inputs associated with safety, task completion and resource deployment. Motorola offers IP-based dispatch consoles which seamlessly integrate into P25 systems, CAD applications to better manage information and mobile applications for quick access to data on the job.

Robust Devices

Mobility demands rugged equipment that can stand up to hard use over the long haul. Our devices are designed for remarkable flexibility, versatility and durability. Choose from a portfolio that includes:

- P25 compliant two-way radios that provide unsurpassed encryption, interoperability, reliability and usability.
- In-vehicle mobile workstations and rugged computers to deliver real-time information for increased situational awareness.
- Handheld devices that combine the power of a mobile phone, computer, and bar code scanner to make data collection and retrieval truly portable.
- Biometrics-enabled devices that positively confirm a user's identity before allowing access to your networks or information stored on the device, thus providing a higher level of security than relying on password protection alone.
- Text-messaging devices that provide S/MIME security for your wireless e-mail.



Incident Management



Act quickly to control the scene, inside or outside the range of your fixed communications.

Extraordinary events may require extraordinary communications support. Rise to the occasion with solutions that spring into action:

- When your existing systems require backup.
- When events occur outside your normal coverage area.
- When you need communications support for additional personnel.
- When you need enhanced interoperability in support of multiple agencies responding to a single incident.
- When you need greater bandwidth for specialized applications and/or additional users.

Deployable Communications

Choose from a range of scalable and interoperable solutions, from radio-equipped portable "jump and run" kits to complete trailer-mounted radio systems that can be driven to the scene and deployed in minutes. These deployable solutions can integrate with your existing radio systems—or they can operate as self-contained networks without the presence of a back-end fixed infrastructure.

Interoperability

Establish connections between disparate networks with a scalable IP-based bridging solution that accommodates both legacy and P25-compliant systems. Support all users, from the command center to the personnel in the field, regardless of the agencies they work for or their "home" networks. A simple graphic interface allows dispatchers to activate pre-planned communications gateways, or quickly establish ad hoc connections as events require.

Tactical Broadband

Point-to-Point Wireless Ethernet Bridges deliver the high-bandwidth, performance and reliability needed to support voice, data and video applications for a variety of tactical operations. Communications can be quickly established in the most challenging conditions including non-line-of-sight environments, over bodies of water, across long distances and through extreme weather.

Broadband mesh solutions allow users to communicate with each other even when deployed beyond the range of your network infrastructure. Mesh radios and other end-user devices can establish direct peer-to-peer connections with other devices in the area, whether or not they are in range of a network access point.

Asset Management



Maximize the effective use of equipment, vehicles, supplies and personnel.

Gain control over your logistics with an automated wireless tracking system that provides a bird's eye view of available assets. Achieve operational efficiencies to save time and money. Most critically, keep an eye on the safety and health needs of your personnel and the citizens they serve.

Mobile and Handheld Computing

Entering data by hand is time consuming and prone to error. Automate the process using convenient, handheld mobile devices designed to handle the rigors of all-day, everyday use. Choose from a wide selection of rugged and durable handheld computers that offer:

- Integrated data with bar code scanning, GPS, RFID, and image capture.
- Ubiquitous wireless connectivity, indoors and out.
- Data applications and phone calls with one device.

These devices enable a range of applications including asset tracking, maintenance and warehouse systems, and healthcare management.

Asset Tracking

Track your organization's assets around the office or around the country—what do you have, where is it and is it ready for action? Motorola creates a dynamic, mobile logistics environment that integrates wireless technology with advanced data capture devices. These are complemented with supply-chain applications from industry-leading partners to consolidate and analyze data.

Maintenance Repair Overhaul

For vehicles, buildings and other assets that require ongoing maintenance, Motorola can help you automate administrative tasks. Maintain routine servicing schedules, manage daily work orders, track repair requests, update parts inventories, gather

recent work order histories, and record how much time was required to complete repairs. These solutions can significantly minimize downtime and reduce maintenance costs while establishing a detailed audit trail for improved accountability.

Warehouse Management

Automated warehousing systems help to increase productivity, decrease costs, and quickly distribute assets when and where they are needed.

Healthcare Management

Motorola brings mobility to healthcare. If your agency operates or works with healthcare facilities, consider how our healthcare solutions can combine bar code technology, handheld computers, biometrics, WLAN and partner applications to implement a range of capabilities. For example:

- Biometrically confirm the identity of patients who cannot identify themselves due to injury, trauma or lost identification.
- Nurses scan patients' wristbands and medications, ensuring that the right medication and the right dose is given at the right time... and to the right patient.
- An active RFID tracking tag on each mobile asset (such as a wheelchair or crash cart) communicates its location over a wireless LAN to a central database, allowing personnel to quickly locate equipment using applications running on their handheld computer.
- Scanned bar codes allow for accurate and timely specimen collection and processing.
- Medications and other supplies are tracked by an inventory management system to monitor against theft or tampering, while controlling the administrative costs of record-keeping and re-ordering.

System security and performance

Optimize your communications and keep them secure with help from Motorola experts.

Security Services

Motorola's Security Assessment Services provide an in-depth evaluation to ensure that your wired and wireless networks are properly configured and secured according to industry best practices and mandated compliance requirements. This includes examining your existing physical security, incident response procedures and operational security. The findings of a security assessment serves as a road-map for mitigating the technology and operational risks associated with networking technology, allowing you to address your information security and data protection requirements in a manner that best fits your available budgets and resources.

Risk Management Services

In the ever-changing world of communications, new threats and vulnerabilities appear daily. Without a thorough understanding and prioritization of a network's risks and vulnerabilities, certain threats may be overlooked, exposing your network to downtime or security breaches. Other threats might be overprotected, wasting resources and budget. Motorola's Security Services help you understand the unique risks and vulnerabilities of your systems so you can invest accordingly.

Physical Security Services

From natural disasters to criminal action, physical threats to your communications could put vital operations at risk. Motorola's Physical Security

Services teams have industry-leading experts with extensive backgrounds in physical security and law enforcement. They can assess your security procedures, access controls, alarm systems, electronic surveillance measures, and personnel response policies and recommend a course of action to improve your overall security posture.

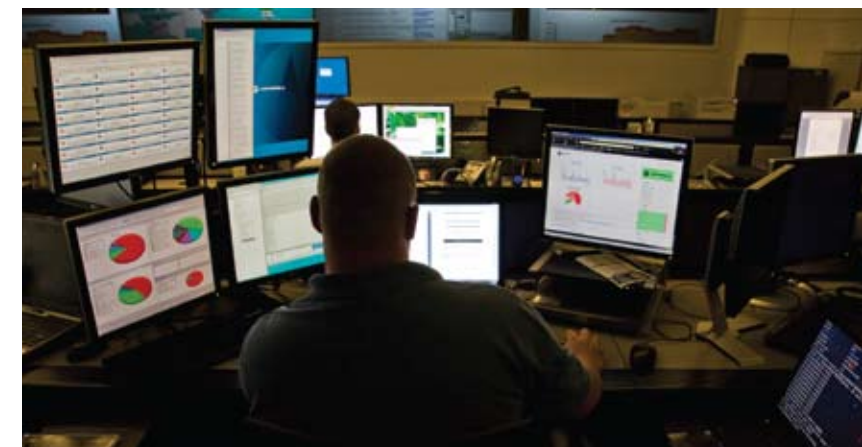
Network Security Monitoring

Your networks need protection against external risks (such as hackers attempting to disrupt communications and breach security) and internal risks (both intentional and accidental). Motorola's Managed Security Services team, working from our Secure Operations Center, provides 24x7 security monitoring of firewalls and intrusion detection assets to help secure your communications and information systems. The team also supplies security software updates that are tested in advance to avoid adverse affects on mission-critical networks.

A Full Range of Services

Motorola stands beside customers at every stage in the system life cycle, including:

- Repair and maintenance from over 500 service facilities worldwide in 28 countries, including depot facilities dedicated solely for federal agencies.
- Real-time network performance and stability monitoring from our Secure Operations Center, providing immediate event detection, troubleshooting and technical dispatch services. Our 24x7 monitoring uses alarm algorithms, intelligent reporting and trend analysis to enable the highest level of system availability so users can depend on it.
- Managed services allow your organization to stay focused on the mission, while outsourcing some or all of the network responsibility to Motorola. Some customers look to Motorola to augment their internal resources on a special project, while others prefer to transfer the entire communications and network responsibility, including staff and equipment/assets. Whichever strategy you prefer, our team will provide a manager with demonstrated credentials to oversee your entire network and act as a single point of contact.





Over 65 Years of Understanding the Needs of Government Agencies

Motorola seamlessly and securely connects people, assets and information to help both civilian and military agencies achieve true enterprise mobility.

Our comprehensive portfolio expands the mobile edge by providing the devices, networks, applications and services you need to ensure that information is always available—and always secure—to support critical decisions anywhere, any time.

For over 65 years, Motorola has provided the federal government with the most reliable and innovative wireless solutions that help to save lives and accomplish missions.

To learn more about Motorola's full range of products and services, please visit our website: www.motorola.com/federal



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MOTOROLA, Inc.
www.motorola.com/federal
1.800.367.2346

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