INMOTION TECHNOLOGY

Mobile Networking for EMS

CONNECT COORDINATE MANAGE

Mobile “Emergency Room”...

With In Motion Technology, every ambulance is a mobile emergency room and enabling EMS to be effective anytime, anywhere. EMS crews can make more informed decisions, improve response times and patient outcomes.

CONSOLIDATE ALL OF YOUR APPLICATIONS THROUGH A SINGLE COMMUNICATIONS PLATFORM

CAD & AVL

Transmit CAD and AVL information to ensure faster overall response times.

ECG/EKG

Send 12-Lead from the ambulance to the ER without the need for cell phones and modems and reduce door-to-balloon times.

Mobile Telemedicine

Live video enables the ER to view activity in the vehicle and provides the ability to offer remote training.

Consolidates all communications

onBoard™ Mobile Gateway

Selects the best available network (3G, 4G, 700 MHz, Wi-Fi, etc.)

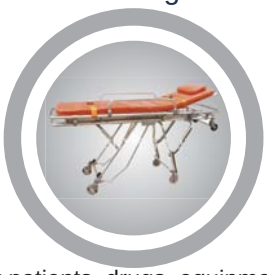
Electronic Patient Care Records (EPCR)

Transmit patient records in real-time to billing department and hospital with HIPAA-compliant encryption

Voice Communications

Provide alternate voice communications and reduce cost of back-up cell phones.

Patient Tracking & Asset Management



Track patients, drugs, equipment with RFID tags and notify dispatch and paramedics of missing equipment. Associate inventory with each call for correct billing.

...Improves Care & Operations

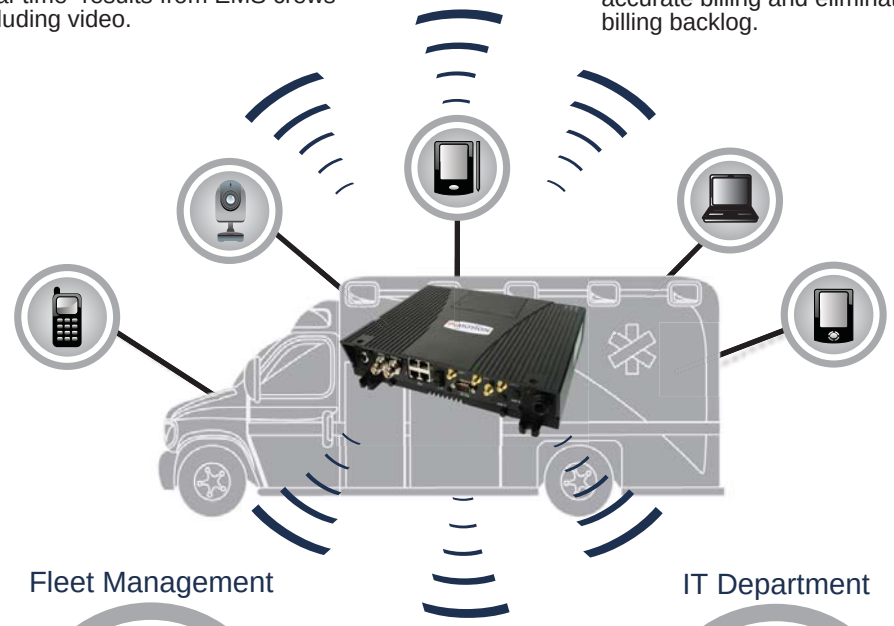
In Motion Technology's onBoard Mobile Gateway (oMG) turns ambulances into wireless mobile hotspots, enabling laptops, ECG/EKG, dispatch, video surveillance and other devices to connect reliably and securely over any wireless network.

Hospital

Hospitals have the data they need to provide the best care and can access patient data and history with "real-time" results from EMS crews including video.

Billing Department

Billing department receives the data in real-time to improve cash flow, ensures comprehensive and accurate billing and eliminates billing backlog.



Fleet Management

Fleet managers have a real-time view of vehicle status and can perform maintenance based on diagnostics, reduce breakdowns and productivity losses, report unsafe driving behavior and reduce accidents and insurance costs.

IT Department

IT can remotely troubleshoot, upgrade and manage devices (PCs, tablets, etc.), relieve EMTs and paramedics of IT burden, deploy new applications without affecting underlying IT infrastructure, and allow technology to add value.

IMPROVE RESPONSE TIMES

The GPS-equipped oMG allows dispatch to know the location, direction and speed of every vehicle. Improve response times by dispatching the closest and most equipped vehicle.

PROVIDE EARLY WARNING TO ER AND CATH LABS

Send 12-lead and EPCR from the ambulance to the ER without the need for cell phones and modems and reduce door to-balloon times.

REDUCE OPERATING COSTS

The oMG transmits data over any wireless network, so EMS agencies can choose and change carriers based on coverage, wireless plans and price. The oMG reduces airtime costs by allowing multiple devices to share a single network connection.

IMPROVE CARE & TRAINING

Live video enables ER to view activity in the vehicle and agencies to provide remote training.

INCREASE UNIT HOUR UTILIZATION

Remotely monitor vehicle operations and diagnostics to improve efficiency and prevent breakdowns. Trouble-shoot onboard systems and devices without taking vehicles off the road.

TRACK PATIENTS AND ASSETS IN THE FIELD

Use RFID to track equipment and medications and reduce inventory losses and restocking times. Track patients with bar-coded bracelets. Personnel can be equipped with panic buttons in case of emergency.

Mobile Networking for EMS

onBoard™ Mobile Gateway (oMG)

The oMG creates a “Vehicle Area Network” in and around the ambulance, that provides connectivity for any device or application over any network. Vehicles become mobile emergency rooms and enables devices like laptops, ECG/EKGs, tablets, printers, scanners and video cameras to communicate securely and reliably over any wireless network. The oMG extends the enterprise network to the fleet, ensuring the secure and reliable flow of information. It senses and selects the best available network -- cellular, Wi-Fi, 700 MHz, LTE and other wireless networks -- to securely connect crews to the corporate network.

onBoard™ Mobility Manager (oMM)

The oMM is a network management system that collects and analyzes data from In Motion Technology's oMGs and is available as a hosted service or separate appliance. Accessible from any browser, operations can securely manage the fleet, modify configurations, monitor network coverage and on-board assets with Wi-Fi tags, track vehicles, troubleshoot IT devices and more. Multiple applications are available on the oMM:

- **onBoard Tracker** tracks GPS information from vehicles to enable IT staff and dispatchers to track a vehicle’s position, direction and speed in real-time.
- **onBoard Telemetry** enables fleet managers to monitor vehicle diagnostics, including gas mileage, operating hours, idle times, speed and more. This allows organizations to save money, improve vehicle efficiency and extend vehicle lives.
- **onBoard Asset Manager** brings state-of-the-art wireless inventory control, asset tracking and driver identification to the field. RFID tags protect cargo and essential equipment by alerting headquarters when assets are at risk.
- **onBoard Total Reach** allows IT staff to remotely and securely “reach-through” to access devices connected to oMGs. IT teams are alerted of problems and can resolve issues without taking vehicles off the road.
- **onBoard Nav** allows organizations to communicate with their fleets and provide voice-guided navigation to crews.

onBoard™ Connection Manager (oCM)

The oCM is a mobile-optimized VPN server, providing secure IP mobility and sub-second switching in a multi-network environment. oCM provides the fastest, simplest, most powerful way to create a VPN between the fleet and the enterprise network. Designed to work with In Motion Technology’s in-vehicle Gateway (oMG) and network management system (oMM), the oCM provides secure, seamless switching between networks for all connected devices and applications in the vehicle area network created by the oMG without the need to add client software on every device.

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