MOTOROLA

Technology That Has Your Back

Motorola's PremierOne™ Mobile application and MW810 Mobile Workstation are trusted law enforcement partners that provide real-time information access, accurate incident assessment and response optimization when and where you need them the most.

You pull over a vehicle for speeding and instinct tells you this may be a high-risk traffic stop. You hit a single query button on your vehicle mounted workstation and discover that the vehicle has been sighted leaving the scene of an armed convenience store robbery about four hours ago. You call for immediate backup, take appropriate precautions and make the arrest without incident.
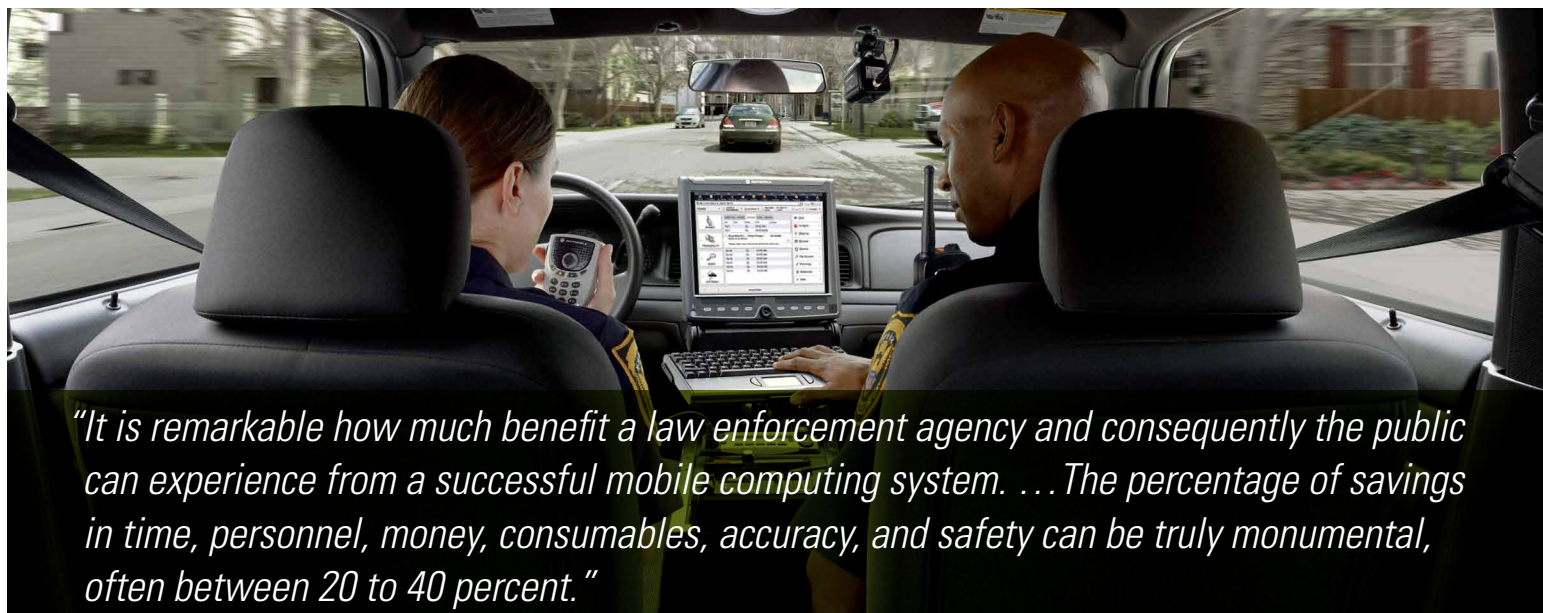
You are responding to a "shots fired" call in an apartment complex in a dangerous neighborhood. As you approach the scene, you want your approach to remain covert. You call up a detailed map of the area on your in-vehicle workstation. The map shows that you can approach the building unseen if you park in a small alley to the side of the building.

As you are proceeding to a disturbance call on a street corner, dispatch sends an update to your in-vehicle workstation with real-time video of the location. As one suspect begins to flee down a side street, you have a visual of him including height, build and clothing. You are able to head him off as he is running, and make the arrest quickly and safely.

When an officer is responding to a call, situational awareness is crucial. You need all the knowledge you can get. What's going on now? How is the situation evolving? What does the location look like? What can you find out about the persons or vehicles involved? Where are your backup units and how soon can they assist you? Today's highly advanced mobile applications are the partners that provide this information. In real-time. On ruggedized mobile units that are reliable and easy to use even under the most stressful conditions.

Technology as Partner

Motorola technology solutions have been the leading force in assisting law enforcement, fire and other public safety personnel for decades. Today, we're continuing our public safety partnership with leading-edge technology such as our PremierOne Mobile application and our field-proven MW810 ruggedized in-vehicle workstation. Although each can be a stand-alone solution that works with virtually any platform, working together they form an exceptional end-to-end solution that enhances situational awareness, safety and successful outcomes.

"It is remarkable how much benefit a law enforcement agency and consequently the public can experience from a successful mobile computing system. …The percentage of savings in time, personnel, money, consumables, accuracy, and safety can be truly monumental, often between 20 to 40 percent."

– Source: "Mobile Computing Technologies"
  IACP Technology Desk Reference, International Association of Chiefs of Police, 2006

"With our PremierOne CAD Mobile system, we have lots of multimedia capabilities. Recently we had an incident where we had an officer who thought he had a suspect who was wanted in another state. We called the state, they e-mailed us a photo and our dispatcher attached the photo to the call. The officer looked at it and within 10 minutes we had the suspect identified."

– David Wilson
    Lieutenant, Ventura Police Department

PREMIERONE MOBILE: THE POWER OF KNOWLEDGE

When you're en route to a call, what you need most is information. All the relevant information you can get, with no irrelevant information to get in the way. Part of Motorola's PremierOne applications suite, PremierOne Mobile is a powerful new mobile solution that provides real-time information about a situation through access to multiple databases and platforms from within one robust application. The solution enhances awareness, interoperability, information sharing, collaboration and much more.

Situational Intelligence

PremierOne Mobile delivers the incident and location information you need quickly and easily, with advanced functionalities such as:
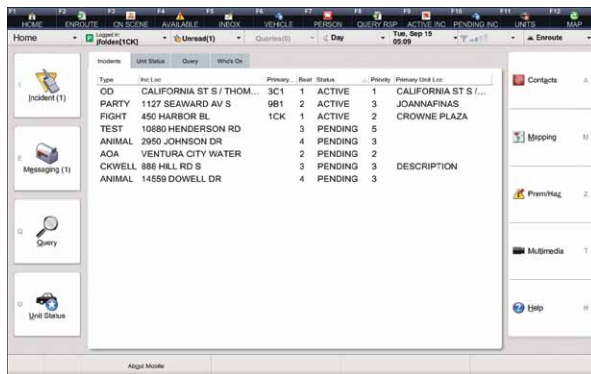
- *Real-time alerts and updates.* The system delivers real-time alerts and status updates to keep officers informed of changes as situations arise and evolve and more data is collected. Available updated information includes location and activity changes, suspect information, location of backup units, previous incident information and automatic incident refresh.

- *Sophisticated mapping.* Many jurisdictions have their own building plans and maps of alleyways and other access routes. PremierOne can help turn this data into a tactical asset, combining it with GPS street maps and putting it in front of responders, showing them hidden approaches, alternate entryways, locations of backup units, and much more.

The Right Information

PremierOne Mobile is designed for virtually instantaneous access to the very specific information an officer needs, with functionalities including:

- *Access to multiple databases.* The solution allows officers to quickly query multiple databases—such as department Records Management Systems (RMS) as well as local, state and national vehicle and law enforcement data repositories with a single click. "No hit" responses can be displayed as a single consolidated reply, saving time and bandwidth. The system also enables access to a wide variety of information and media, including video, photos and other relevant files.

- *Secure messaging.* Priority messages—such as alerts and updates—can be presented in a variety of ways including information bubbles, audible signals and visual alerts. Full messaging capabilities include vehicle-to-dispatch, vehicle-to-vehicle and vehicle to other locations, as well as fully secure private chat and e-mail for delivery on mobile workstations, handheld computers, and phones. Messages can include attachments such as video clips, photos and text files. The application supports CJIS Password Security, FIPS 140-2 encryption and other security standards.

Intuitive Interface

PremierOne Mobile's intuitive "smart view" interface is task-flow oriented and features customizable screen and input options designed for maximum usability in high-pressure situations.

- *Flexible screen configuration.* Officers can customize the screen interface to make it easier to locate and utilize the exact information they need. Single-level access minimizes keystrokes to save precious seconds when time is of the essence. A "follow me" setting allows users to establish a roaming profile, enabling them to use their custom interface wherever they log on, including other vehicles or computers at the station.

- *Touch screen capability.* The interface features touch screen functionality designed to simplify access, reduce errors and save time and effort in tense mobile environments.

- *Single platform.* A common platform and user interface makes it easy to share information quickly and consistently with PremierOne CAD.

Remote Management

PremierOne supports efficient remote management of clients ranging from single users to multi-agency, fleet-wide deployments, simplifying management with browser-based remote administration, configuration and maintenance. In addition, the system allows administrators to schedule and deploy wireless installations and upgrades. Because of the mission-critical nature of their work, mobile users can choose whether or not to accept the upgrades to avoid interruption of vital tasks.

IN-VEHICLE WORKSTATIONS VERSUS LAPTOPS

For years now, laptop computers have been the *de facto* standard for public safety officers in the field. That's changing as departments recognize the practical benefits of vehicle-mounted workstations. Although laptops may be considered more portable, the reality is that the combination of size, shape, design and weight can make them cumbersome and difficult to use. Vehicle-mounted workstations like the Motorola MW810 are designed to outperform laptops with superior ergonomics, more connectivity options, brighter displays, and wider range of operating temperatures. When combined with the portability of powerful handheld computers like the Motorola MC75, they create a field mobility system that's more powerful and easier to use while being exceptionally cost-effective.

MW810 MOBILE WORKSTATION: RUGGED RELIABILITY

Complementing PremierOne Mobile is the rugged Motorola MW810 Mobile Workstation, which provides seamless interoperability with software applications and numerous other powerful features, including:

- *Ruggedized Design.* The MW810 is designed for maximum ruggedness and performance. The workstation has been extensively tested to rigorous U.S. Military Standard 810G and other standards for resistance to extreme temperatures, vibration, shock, humidity, dust and other harsh conditions of mission-critical fieldwork. The unit also features a resistive tempered glass touch screen.

- *Configuration and Mounting Flexibility.* Modularly designed for maximum flexibility, the MW810 allows the Central Processing Unit (CPU), the keyboard and the display to be configured in the manner that best suits the officer's needs and the vehicle's interior layout. The keyboard can be removed and placed on the officer's lap for productivity and comfort. Vehicle mounting options support mounting the CPU inside the vehicle (to reduce the amount of wiring) or in the trunk (to save space in the passenger cabin).

- *Enhanced Secure Connectivity.* One of the MW810's strongest benefits is superior connectivity providing exceptional bandwidth and communications flexibility. With internal and external modems and antennas, plus a large number of ports, the workstation is able to connect with a wide range of other systems, including WiFi and mesh networks, cellular networks and private networks. And with TPM 1.2 integrated into the CPU and optional built-in SmartCard reader, MW810 works with PremierOne to keep communications secure.

- *Global Positioning System (GPS).* One of the most effective technologies for ensuring first responder safety is a GPS system that instantly and accurately pinpoints locations through satellite connectivity. Where satellite connectivity is an issue (such as in the urban canyons of a city center), the MW810 also supports Dead Reckoning GPS. This capability can accurately project location using variables such as heading and speed, allowing tracking in underground parking facilities and in dense urban canyon environments. Combined with PremierOne's mapping features, it can be used to track a vehicle's position with accuracy far beyond ordinary GPS solutions.

TPM (Trusted Platform Module): *a hardware device integrated into the CPU that stores data important to secure communications, such as encryption keys, passwords, and digital certificates. It is designed to protect this sensitive data from software attacks ("hacking") and physical theft. TPM is an open standard maintained by the Trusted Computing Group.*

- *Ease of Use.* Perhaps most important of all, Motorola has designed the MW810 around the needs of personnel in the field, allowing them to customize the unit to their own preferences. The MW810 features eight customizable buttons that allow one-click access to a variety of applications, making it easy to switch to the most frequently used PremierOne Mobile features, and toggle back and forth with a simple click of a button. There is also an emergency button that sends a distress signal without having to say a word. The workstation also offers sophisticated touch screen capabilities to save time and effort, and is ergonomically constructed to limit the actions necessary to use the unit, reducing both access time and possible muscle strain or injury.

Together, PremierOne Mobile and the MW810 Mobile Workstation provide an enormous amount of information to an officer in a vehicle without having to be the focus of attention.

Focused on Safety

Working separately or in tandem, PremierOne Mobile and the MW810 Mobile Workstation provide public safety officers with extraordinary technology support and backup. Even more important, the support is as intuitive as it is powerful, allowing users to access critical information without taking their focus from the mission-critical task at hand. For law enforcement in the field, Motorola's proven public safety technology is a true partner that plays a major role in improving safety and success.

For more information on the MW810 Mobile Workstation, please visit *www.motorola.com/mw810*.

THE MOTOROLA PUBLIC SAFETY ADVANTAGE

Motorola has been partnering with public safety departments for decades, offering rugged products originally developed for use on the battlefield and globally proven in public safety applications around the world. Beginning with industry standard Motorola mobile radios, our public safety portfolio has expanded to offer advanced hardware (in-vehicle workstations and handheld computers) and software (the PremierOne applications suite including CAD, Mobile and Records) that deliver reliable, real-time high-speed voice, video and data services in licensed and unlicensed spectrum.

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