

# Improve Patient Safety with Mobility Solutions

## Delivering Extraordinary Patient Care

In the mission critical environment of healthcare, delivering the best in patient care requires doctors, nurses and other caregivers to be accessible and instantly able to reach colleagues as well as access a wealth of data.

Deliver the real-time information that health care workers need – anywhere, any time, and right into the palms of their hands. Motorola's powerful mobility solutions are helping military and VA medical facilities with tools that not only provide the double and triple checks necessary to dramatically reduce errors, but also significantly improve productivity by eliminating manual paper-and-pen based, error-laden processes.

Mobility delivers seamless access to people and information required to:

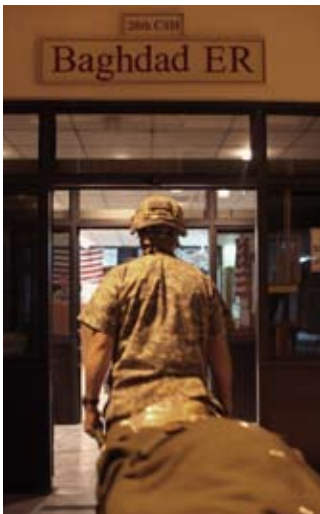
- Deliver safer and more personalized patient care from a highly efficient and well-informed medical staff.
- Dramatically reduce errors by replacing manual processes with precise automated controls that double- and triple-check accuracy.
- Improve morale by streamlining routine tasks and giving back precious time to busy clinicians
- Boost productivity to minimize costs and maximize results despite ongoing shortages of doctors, nurses, and other trained staff.

Your staff can enjoy the seamless access to people and information required to make the best decisions. As a result, hospitals can dramatically improve the accuracy and efficiency of every day tasks—from medication administration and specimen collection to patient monitoring, medical rounds and more.

The highest standard of care for those who are serving now and those who have served our country in the past.

Mobile technology promotes fast and accurate medical care on the battlefield, in transit, at hospitals and at outpatient facilities.

Give your personnel the gift of time ... time to spend doing their best work on behalf of their patients.



# Empower your staff with secure, fast and accurate access to the information that enables them to provide exceptional medical care



## **Administer medications with speed and accuracy**

Ensure patient safety by confirming that the right patient is receiving the right medications, the right dose, at the right time. It takes only seconds for a nurse to use a handheld computer to scan the bar codes on a patient's wristband, a medication label, and his or her own ID card thereby eliminating the opportunity for error.

## **Monitor patients**

Let nurses spend more time on their primary focus – caring for patients – by automating routine daily duties. With a wireless mobile computer, nursing staff has the ability to check patient vital signs and even make needed adjustments to equipment, all while moving through the hospital if needed. With mobility, this task can be performed, literally on the run, enabling nurses to deliver high quality patient care, and significantly improving productivity by eliminating the time spent traveling to either the central nursing station or the patients room to perform this critical task.

## **Collect and track specimens for accurate test results**

Increase the precision of sampling, labeling and analyzing specimens by combining mobile computers, bar code scanners, and leading clinical IT and medical device applications, with Motorola specimen collection solutions. Handheld computers allow everyone from nurses to lab technicians to scan and print bar codes to accurately ID specimens and testing results, helping to ensure that the right sample is put in the right container at the right time. Test results are logged quickly, providing doctors with accurate data for correct decisions and timely treatment. Accurate testing not only builds patient trust, but also reduces costs associated with re-testing and re-treatment.

## **Make doctors' rounds more efficient**

The best use of a doctor's time is with patients. Motorola mobile physician rounding solutions allow doctors to log information at the point of care — freeing them from routine paperwork.

- Capture vitals, view lab reports and write up reports at the point of care
- Spend less time filling out charts and more time with patients
- Identify those high-risk patients who need aggressive care immediately
- Reduce costly paper-based errors that could result in liability
- Improve physician productivity to see more patients in less time
- Update records instantly so other workers have current info
- Order tests and medication in real time for faster results
- Provide more real-time care and less waiting for a better patient experience





Photo by Courtesy of MC4

### On the battlefields of Iraq and around the world

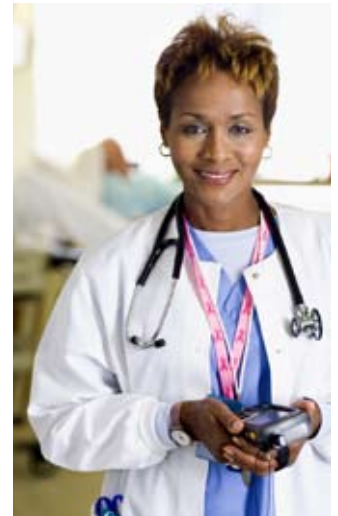
Medical Communications for Combat Casualty Care (MC4) integrates, fields and supports a medical information management system for Army tactical medical forces, enabling a comprehensive, lifelong electronic medical record for all service members while enhancing medical situational awareness for operational commanders. The rugged Motorola MC70 handheld computer enables deployed medical providers to capture, store, access and transfer critical information at the point of injury to the point of care

#### Verify transfusions and manage blood supply

From the moment blood is drawn to the moment it is given, mobility solutions manage, track and verify blood slated for transfusions. For example an RFID tag or bar code label can provide attending medical personnel – as well as the blood bank managers – detailed access to the serial number, donor data, blood data, donation date and expiration on every unit of blood stored, shipped and dispensed. Track the quantity of different blood types in stock to keep enough on hand to meet demand. Reduce the amount of blood that expires before it is used, and accurately match more blood donations to actual patients.

#### Track assets and manage inventories

In an environment where life-threatening emergencies are a daily occurrence the ability to swiftly locate equipment when needed is crucial. With RFID tags placed on monitors, IV pumps, wheelchairs and more, institutions can automatically note the location of equipment as it moves throughout the facility — providing real-time visibility into the whereabouts of each and every piece of tagged hospital equipment. In addition, the ability to take inventory more frequently and the increased accuracy, enable a reduction in stocking levels, saving costs without risking an out-of-stock on a critical item.





**Resources they can depend on under extreme conditions**

Hardened for the battlefield, cost-effective for the bottom line – select from a wide portfolio of Motorola products including:

- Mobile computers
- WLAN Infrastructure
- Bar code scanners
- RFID readers
- Support services

**Turn to a single source for complete health care solutions**

When it comes to mobility, Motorola delivers the dependable real-time connections needed to support the critical environment of healthcare. As an industry leader, we offer the proven expertise and technology you need to achieve maximum value and a fast return on your mobility investment.

We offer devices designed to endure the demands of your environment, delivering dependable operation despite everyday spills, drops and wipedowns. Our robust channel partners provide best-in-class applications and peripherals such as mobile printers. Our management solutions provide granular and centralized control over your mobile computers and the applications and data resident on those computers, simplifying and reducing the cost of your mobility solution. And a complete range of pre-and post-deployment services will help you get and keep your mobility solution up and running, and at peak performance...every day of the year.

For more information about Motorola mobility solutions and their impact on world-class health care in the field and at the hospital, please visit [www.motorola.com/healthcaremobility](http://www.motorola.com/healthcaremobility)



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