

# DELIVERING REAL TIME INFORMATION IN HAZARDOUS LOCATIONS



NEXT GENERATION FEDERAL GOVERNMENT SOLUTIONS



**IMPROVE THE EFFICIENCY  
OF FEDERAL GOVERNMENT  
AGENCY LOGISTICS  
AND MAINTENANCE  
OPERATIONS THROUGH  
THE **SAFE AND SECURE**  
DELIVERY OF REAL-TIME  
INFORMATION**

# IN THE NEXT HOUR



Personnel in military distribution centers around the globe will help **move and track shipments** of all types of supplies and material to the men and women on military bases behind the front lines up to the tactical edge.



Administrative personnel will take a **complete inventory**, so orders can be placed in time to make sure our military and supporting operations have what they need — when they need it.



An engineer on a military base will inspect and perform **routine maintenance** on armament.

To be efficient and productive in the moments that matter in these and other logistics and maintenance operations, your personnel needs real time information... information that can help them get the job done right, as quickly as possible.

Can you safely enable the real-time flow of information throughout your federal government agency when flammable materials are present in the workplace?

## WITH MOTOROLA'S MOBILE COMPUTERS BUILT FOR HAZARDOUS LOCATIONS, YOU CAN.

# MANAGE MUNITIONS, WEAPONRY AND OTHER COMBUSTIBLE MATERIALS SAFELY AND MORE EFFICIENTLY WITH MOTOROLA'S MOBILE COMPUTERS CERTIFIED FOR HAZARDOUS LOCATIONS

When you choose Motorola's mobile computers, you can count on safe operation in the presence of combustible materials. Now your personnel can safely and securely access the information they need to complete practically any task with just the press of a few buttons — whether they are inside a facility or out in the field.

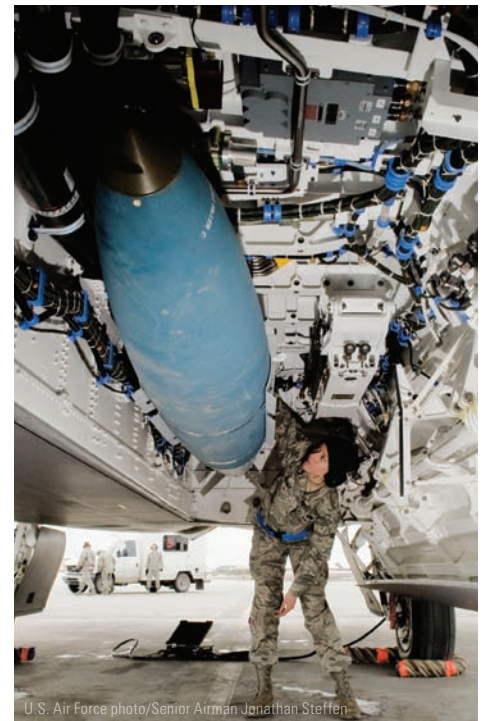
Our UL Class I, II, III / Division 2 certified mobile computers are tested for safe operation in the presence of flammable liquids, gases, dusts, solids and more, making them ideal...



U.S. Marine Corps photo by Pfc. Franklin E. Mercado



U.S. Navy photo by Mass Communication Specialist 2nd Class Michael Russell



U.S. Air Force photo/Senior Airman Jonathan Steffen

## IN THE SUPPLY CHAIN

Warehouse personnel in a distribution center can instantly reconcile all incoming shipments against the original order, regardless of the types of material it contains. Once order accuracy has been verified, proper processing instructions can be delivered: whether a shipment should be stored, and if so, on which shelf and the fastest route through the warehouse to that shelf; or cross-docked for immediate shipment to the next stop in the supply chain.

## IN INVENTORY MANAGEMENT

Administrative personnel can scan bar codes to take inventory of combustible materials, providing the constant real-time visibility that improves asset availability, security and citizen safety.

## IN INSPECTIONS AND MAINTENANCE

Technicians responsible for inspecting and maintaining weaponry and other military equipment can access complete maintenance history, maintenance due and detailed information required to complete the job — from schematics to product manuals.

# WHEN FLAMMABLE MATERIALS MAY BE PRESENT AND YOUR MOBILITY SOLUTION MUST BE THE 'BEST OF THE BEST', YOU CAN COUNT ON MOTOROLA TO DELIVER



## PROVEN PERFORMANCE...AND SUPERIOR RELIABILITY

Our mobility solutions are well proven, in use all around the world in government agencies as well as enterprises in virtually every industry. When you choose our hazardous location-certified mobile computers, you get the same flagship performance that has made Motorola the mobility leader, packed into devices that have been specially designed for use in the presence of hazardous materials.

## INDUSTRY LEADING PROVEN RUGGED DESIGN

Motorola set the bar for rugged design of mobile computers. Our mobile computers are built to handle drops, spills, desert heat, freezing cold and more. To ensure maximum reliability, we take testing to the extreme, requiring our mobile computers to not only meet but also exceed industry standards, such as the MIL-STD 810G specification.

## THE GOLD STANDARD IN DATA CAPTURE

No matter what type of information is being captured, personnel can rely on first-time everytime success. With our products in the hands of your personnel, you get the peace of mind that you've provided technology that simply works. As the inventor of bar code scanning, our continual innovations deliver record scanning speeds on virtually any bar code — even if that code is poorly printed, damaged, or printed on a challenging surface, such as a direct part mark on a highly reflective or curved surface. In the event you need image capture, our high-resolution autofocus cameras are designed to capture detailed photographs as well as documents, complete with legible fine print.

## BETTER BATTERY MANAGEMENT FOR DEPENDABLE POWER

Make sure your personnel are never caught without battery power during a shift with Motorola's Interactive Sensor Technology (IST). Simply set the maximum amount of time the device can remain idle. Then this enterprise class accelerometer takes over, automatically placing the device in a power-saving mode when the mobile computer is either placed face down on a surface or when the 'idle' threshold is reached. When the device is picked up, it returns to the same state it was in prior to powering down, preserving productivity. Personnel simply pick up right where they left off — even if they were in the middle of entering data on an electronic form.



## FEDERAL GOVERNMENT GRADE SECURITY

Keep your data safe and meet the security requirements of the most demanding federal government agencies. Our devices are FIPS 140-2 validated, right out of the box — no additional 3rd party software to purchase, manage or maintain. The FIPS validation combines with a robust set of tools to bring wired-line security to data that is resident on all hazardous location mobile computers, as well as data that is in transmission between your mobile computers and your wired network. And unlike many other mobile devices, our security features do not impact performance, protecting your data — and your productivity.

## INTUITIVE PRODUCT DESIGN

Our award-winning Industrial Design team is well recognized for product design innovations that make our mobile computers easy to hold and easy to use. Your personnel can focus on the task at hand instead of technology, paving the way for the rapid adoption that is the hallmark of any successful mobility solution. Training and the associated costs become a thing of the past.

## EASY CENTRALIZED MANAGEMENT FOR ALL YOUR MOBILE COMPUTERS — AND THEIR PERIPHERALS

Managing mobile computers can be so time consuming that management costs can erode the very benefits of mobility. With Motorola's Mobility Suite, you can remotely stage, update, monitor and troubleshoot all your mobile computers and their attached peripherals. You can also secure the data that is resident on the devices and in transit between the mobile computers and your network — no hands-on required.

## NO-FAULT WARRANTY — EVERYTHING IS COVERED, PERIOD




With Motorola's industry leading Service from the Start with Comprehensive Coverage, you get end-to-end support for your mobile computers, starting the moment they arrive — no questions asked. From accidental damage to normal wear-and-tear, everything is covered — the device as well as the accessories that shipped with the device. Choose the turnaround time you need — from three-day to overnight replacement. Full access to technical support resources by phone and email ensures that IT staff can get the help they need, when they need it. And with the rights to download new software releases you can keep the firmware on your mobile computers up to date throughout the term of your service contract — with just a few clicks.

## CHOOSE THE INDUSTRY LEADER TRUSTED BY GOVERNMENTS ALL AROUND THE WORLD

Ensuring a successful mobility deployment in mission critical federal government agency applications takes a lot of experience. And no one has more experience to offer than Motorola — over 80 years of experience serving the U.S. Federal, State and Local governments as well as governments around the world. You get the peace of mind that comes with choosing an industry leader as your technology partner — and the proven expertise and technology you need to achieve maximum success, maximum value and a quick return on your mission critical mobility investments.

# THE MOTOROLA HAZARDOUS LOCATION MOBILE COMPUTER PORTFOLIO

As the chart below reveals, the entire hazardous location-certified mobile computing portfolio shares the same basic platform, offering the same processing power, memory, expansion slot, FIPS 140-2 federal government-grade security, drop specification and advanced features such as IST. The differences are in the size of the display; two rugged specifications (tumble and sealing); keypad architecture and available keypads; available choices for bar code scanners; and an integrated RFID asset tracking tag.

	MC75A SERIES	MC9190-G	MC9500-K SERIES
	 www.motorola.com/mc75a	 www.motorola.com/mc9190-G	 www.motorola.com/mc9500-K
<b>NON-INCENDIVE (NI) MOBILE COMPUTERS (CLASS I, II, AND III DIV 2, GROUPS A, B, C, D, F AND G)</b>			
<b>General product description</b>	World's premier compact mobile computer, easy to hold and easy to use; with comprehensive features and functionality	Gun-style form factor for very scan intensive applications; choice of six scanners provides outstanding device flexibility — including new long range 1D/2D imager	Full size mobile computer offers the maximum in rugged design, true carrier independence (software modems for CDMA and GSM are included), and a whole new approach to accessories through an industry first Universal Accessory system
<b>COMMON SPECIFICATIONS</b>			
<b>Processor/memory</b>	806 MHz with 256MB RAM/1GB Flash		
<b>Expansion slot</b>	microSD; up to 32GB		
<b>Wireless LAN</b>	802.11a/b/g		
<b>IST</b>	YES: preserves battery power when device is not in use; detects free-falls to help detect a man-down situation		
<b>Security</b>	FIP 140-2 validation		
<b>Drop specification</b>	6 ft./1.6 m per MIL-STD 810G		
<b>Data Capture</b>	Bar codes, signatures, documents, photos, videos (dependent upon model chosen)		
<b>Camera</b>	3.2 MP digital color flash		
<b>UNIQUE SPECIFICATIONS</b>			
<b>Display</b>	3.5 in. color VGA	3.7 in. color VGA	3.7 in. color VGA
<b>Tumble specification</b>	1,000 3.28 ft./1 m (2,000 hits)	2,000 3.28 ft./1 m (4,000 hits)	2,000 3.28 ft./1 m (4,000 hits)
<b>Sealing</b>	IP54	IP64	IP67
<b>Keypads</b>	Numeric, QWERTY, DSD, AZERTY, QWERTZ	Swap keypads on site Choice of 6 keypads: 28-key; 43-key; 53-key; Terminal Emulation for 5250, 3270 and VT	Swap keypads on site Choice of 4 keypads: Alpha primary; numeric telephony, numeric calculator, alpha numeric
<b>Bar code scanner choices</b>	<b>SE950 1D laser scanner</b> <b>SE4500-SR 2D imager</b> <b>SE4500-DL imager</b>	<b>SE960 1D laser scanner</b> (standard range) <b>SE1524-ER 1D</b> (extended range up to 45 ft./13.72 m) <b>SE4500-SR 2D imager</b> <b>SE4500-DL imager</b> (reads Drivers License bar codes) <b>SE4500-HD</b> (reads DPM marks) <b>SE4600 2D imager</b> (extended range from 8 in./20.32 cm to 30 ft./9.14m)	<b>SE950 1D laser scanner</b> <b>SE4500SR 2D imager</b>
<b>Wireless WAN</b>	CDMA and GSM*		CDMA and GSM*
<b>HERO tested**</b>	Yes	Yes	No
<b>Integrated RFID Tag for asset tracking</b>	No	YES – allows instant tracking of devices	No

\* Contact a Motorola representative for availability and lead times

\*\* Hazards of Electromagnetic Radiation to Ordnance (HERO) compliant: HERO tested by the US Naval Surface Warfare Center at Dahlgren, VA

**FOR MORE INFORMATION ON HOW WE CAN  
HELP YOU STREAMLINE AND ERROR PROOF  
LOGISTICS AND MAINTENANCE OPERATIONS  
IN HAZARDOUS LOCATIONS, PLEASE VISIT  
[WWW.MOTOROLA.COM/MOBILECOMPUTERS](http://WWW.MOTOROLA.COM/MOBILECOMPUTERS)  
OR CALL +1.866.416.8595**

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