



# MOTOROLA PUBLIC SAFETY LTE



# **A FEW SECONDS FROM NOW**

## **A DISPATCHER WILL SEE LIVE VIDEO OF TWO LITTLE GIRLS WALKING TO SCHOOL AN ELDERLY LADY WALKING HER DOG A SUSPICIOUS MAN LOITERING AT THE CORNER**

When the moment requires vigilance, Public Safety LTE delivers video to nearby squad cars to deter a potential incident from developing. Equip your first responders with the real-time visibility and heightened situational awareness they need to keep themselves, and the people and cities they protect, safe.



**YOUR CHANCE TO PROTECT IS RIGHT AROUND THE CORNER.  
WILL YOU BE READY TO KEEP THEM SAFE?**

# TRANSFORMING PUBLIC SAFETY WITH BROADBAND INNOVATION

## **RICH-MEDIA INFORMATION ANYTIME, ANYWHERE**

### **PRIVATE AND PUBLIC INTEROPERABILITY**

### **PRIORITY AND CONTROL FOR ALL AGENCIES**

### **BREAKTHROUGH DEVICES IN PUBLIC SAFETY HANDS**

Today, the most advanced mobile broadband technologies on the planet are available to public safety, delivering unprecedented access to real-time, multimedia information anywhere, anytime.

Fueled by open standards, shared intellectual property, a rich ecosystem of developers and the promise of scaled economies, LTE has been selected as the global standard for the future of public safety mobile broadband.

Public Safety LTE will enable powerful solutions for better protecting our first responders and the communities they serve, with the priority, control, security and performance at the core of mission critical operations.

Connecting advanced multimedia services to today's mission critical voice and offering a new collection of innovative data devices to join the trusted two-way radio, Public Safety LTE is a critical ingredient in delivering the next generation of public safety communications.

## **EXPERIENCED LEADER PROVIDES STANDARDS-COMPLIANT, END-TO-END SOLUTION TO MEET UNIQUE REQUIREMENTS OF MISSION-CRITICAL OPERATIONS**

### **NATIONWIDE CARRIER INTEROPERABILITY, ENTERPRISE-WIDE INTEGRATION**

Unify voice, data and video services while enabling enhanced roaming across LTE, public carrier, two-way radio, enterprise data networks and command and control applications.

### **AGENCY CONTROL OF SYSTEMS, APPLICATIONS, AND DEVICES**

Centralized reporting and management of mission critical performance, user applications and LTE devices across Public Safety LTE and Verizon Wireless networks.

### **DYNAMIC PRIORITIZATION AND REAL-TIME MULTIMEDIA INTELLIGENCE**

Safeguard capacity for critical resources with dynamic prioritization and pre-emption. Real-time multimedia intelligence optimizes LTE capacity by adjusting rich-media content to available bandwidth and device screen size.

### **RAPID DELIVERY OF PUBLIC SAFETY MULTIMEDIA DEVICES**

A new breed of multimedia devices optimized for public safety applications, with accelerated delivery through open market components driven by the global LTE vendor ecosystem.

# MOTOROLA IS ACCELERATING PUBLIC SAFETY LTE

**PROVIDING INDUSTRY LEADERSHIP, DRIVING CRITICAL PUBLIC SAFETY INNOVATIONS  
AND SUPPORTING A GLOBAL DEVELOPMENT COMMUNITY**

**FIRST PRIVATE AND PUBLIC ALLIANCE FOR NATIONWIDE PUBLIC SAFETY LTE** **2/23/2011**

Enhanced nationwide carrier roaming, real-time device management and site sharing for rapid deployment

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**FIRST BROADBAND VIDEO TO WORLD'S FIRST PUBLIC SAFETY LTE DEVICE** **11/9/2010**

Delivered live, over-the-air in 700 MHz public safety broadband spectrum

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**FIRST PUBLIC SAFETY LTE DEVICE MODULE USING STANDARD COMPONENTS** **11/9/2010**

Using commercially produced chipset, key milestone to grow broad selection of public safety devices

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**FIRST OVER-THE-AIR DATA SESSION USING IN-FIELD PUBLIC SAFETY NETWORK** **10/28/2010**

Live mobile data session over a field-deployed LTE network in the San Francisco Bay Area

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**FIRST LTE 700 MHz BTOP FEDERAL BROADBAND GRANT AWARD** **8/19/2010**

Awarded to Motorola for the San Francisco Bay Area BayWEB project

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**FIRST DEMONSTRATION OF LTE PRIORITIZATION AND CONTROL** **8/1/2010**

Based on agency, individual, role, home serving area, incident level and participation

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**FIRST DEMONSTRATION OF LTE RUTHLESS PRE-EMPTION** **8/1/2010**

Pushing non-essential users off of the Public Safety LTE network to safeguard resources for responders

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**FIRST PUBLIC SAFETY LTE AWARD IN THE NATION** **7/29/2010**

San Francisco Bay Area Selects Motorola for Public Safety LTE 700 MHz broadband network

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**FIRST PUBLIC SAFETY APPLICATIONS DEMONSTRATED OVER LIVE LTE NETWORK** **11/17/2008**

Dispatch, messaging, and prioritized video applications over LTE 700 MHz drive demonstration

## **NATION'S FIRST PUBLIC SAFETY LTE**

San Francisco Bay Area selects Motorola to build the first Public Safety LTE 700 MHz Interoperable Broadband Network



# MOTOROLA AND VERIZON WIRELESS

## BRING TOGETHER ALL THE ADVANTAGES OF STRONG COOPERATION BETWEEN PUBLIC SAFETY LTE AND COMMERCIAL CARRIER 3G AND 4G

This first-of-its-kind, true private and public solution ensures that the operational framework established for public safety supports nationwide interoperability and information sharing.

The solution provides a private LTE broadband network for public safety that is optimized to deliver the priority, control, and availability demanded for mission critical applications, along with a public carrier broadband network for non-mission critical applications.



- Nation's largest wireless voice and mobile broadband network
- Launched 4G LTE network in 38 major markets in 2010

## ENHANCED NATIONWIDE CARRIER ROAMING FOR EXPANDED COVERAGE

When users travel off of the Motorola Public Safety LTE network, they will have interoperability and secure roaming onto the Verizon Wireless public LTE network.

As public safety agencies deploy their initial private LTE networks, they can leverage the Verizon Wireless network for nationwide 3G and 4G coverage.

The ability to use the Verizon Wireless network will also give public safety the advantages of extending their service into challenging environments where the Verizon Wireless network already reaches.

## REAL-TIME DEVICE MANAGEMENT AND CONTROL

Motorola Solutions will offer public safety agencies direct access to a secure provisioning and management terminal supporting the full population of agency devices running on both the private LTE and Verizon Wireless public networks.

The provisioning terminal provides the control public safety needs to dynamically add, delete and change user accounts in real-time, whether to support day-to-day operations, planned events or an emergency response.

## SITE SHARING WITH EXISTING PUBLIC CARRIER SITES FOR RAPID DEPLOYMENT

Motorola is committed to providing each agency the flexibility to select the business model most suitable for supporting the deployment and management costs of their Public Safety LTE network.

Motorola and Verizon Wireless will provide public safety agencies with the option to select existing Verizon Wireless sites, where space is available, to deploy private LTE network equipment, enabling them to shift from the capital spend associated with developing new sites to a recurring monthly spend.

Site sharing also offers the benefit of accelerating early-stage deployment of a public safety network with the option of moving from carrier-shared sites to agency-owned sites over time.

## A PRIVATE / PUBLIC PARTNERSHIP WITH IMMEDIATE BENEFITS

The ability to leverage an existing nationwide network from Verizon Wireless gives public safety the immediate advantages of a private/public partnership without having to wait for a new nationwide network. Public safety organizations and citizens alike can have peace of mind knowing that their first responders will have access to the communication capabilities they need, whenever and wherever they need it.

# BEGIN WITH STANDARDS-BASED TECHNOLOGY ENHANCED FOR THE UNIQUE REQUIREMENTS OF PUBLIC SAFETY

PUBLIC SAFETY LTE SYSTEM CORE	PUBLIC SAFETY LTE ACCESS NETWORK	PUBLIC SAFETY LTE DEVICES
<p><b>MANAGES THE PRIORITY, SECURITY AND CONTROL</b></p>	<p><b>RADIO TOWERS PROVIDE COVERAGE WHERE YOU OPERATE</b></p>	<p><b>THE RIGHT DEVICE FOR THE RIGHT USER</b></p>
<p><b>Standards-based LTE system core...</b> <b>YET enhanced with the management and control necessary to adapt to mission critical operations</b></p> <ul style="list-style-type: none"> <li>• Dynamically manage the prioritization of resources on LTE and enterprise data networks</li> <li>• Securely partition each agency's data and access for autonomous agency control</li> <li>• Maintain visibility and control of users whether at home or roaming</li> </ul>	<p><b>Standards-based LTE access equipment...</b> <b>YET hardened to meet public safety reliability and availability</b></p> <ul style="list-style-type: none"> <li>• Secure, encrypted mobile connections to LTE devices</li> <li>• Traffic management supports public safety policies and optimizes capacity</li> <li>• Hardened site design with public safety grade enclosures, security, power and backhaul</li> </ul>	<p><b>Maximizes open market reuse with standard components...</b> <b>YET optimized for public safety with intuitive, rugged design</b></p> <ul style="list-style-type: none"> <li>• Intuitive devices that are second nature to operate under the most demanding circumstances</li> <li>• Device intelligence allows optimization of video streaming based on screen size and signal quality</li> <li>• Agency controlled provisioning for real-time management of LTE devices</li> </ul>

## MOTOROLA AND ERICSSON JOIN FORCES FOR UNRIVALED PAIRING IN THE INDUSTRY

**BRINGING TOGETHER OUR RESPECTIVE STRENGTHS, DEEP INVESTMENTS IN INNOVATION, ALONG WITH GLOBAL SCALE AND MARKET REACH**

**TO DELIVER AN UNMATCHED NEXT GENERATION SOLUTION**

The global leader in mission critical public safety communications and the global leader in LTE mobile broadband networks have joined together to bring all the advantages of their combined technology innovation and investment, as well as market scale and reach, for the full advantage of public safety.

Ericsson will deliver the LTE access equipment for Motorola's Next Generation Public Safety mobile broadband for an incomparable pairing of companies and solutions.

With an unmatched track record of technology and market leadership, Motorola Solutions and Ericsson are committed to accelerating the transformation of public safety communications.



**MOTOROLA**

**#1 GLOBAL LEADER  
Mission Critical Public Safety  
Communications**



**#1 GLOBAL LEADER  
LTE Mobile Broadband Networks**

# **DELIVER CRITICAL INFORMATION OVER THE BEST-FIT NETWORK AND MOST SUITABLE DEVICE**

## **SECURELY CONNECTING VOICE, DATA AND VIDEO ACROSS TWO-WAY RADIO, PUBLIC SAFETY LTE, REGIONAL ENTERPRISE NETWORK AND PUBLIC CARRIER**

### **LOCAL CONTROL WITH NATIONWIDE INTEROPERABILITY**

Local control gives public safety agencies the ability to determine and set policies that best fit their operating needs while industry standard devices and network interfaces enable the ability to roam on the Verizon Wireless nationwide network.

### **DYNAMIC RESOURCE PRIORITIZATION**

The Public Safety LTE system will immediately prioritize those users most critical to serving an incident, de-prioritize non-essential users and, when necessary, pre-empt.

The user's profile, determined by agency, individual, role, home serving area, incident level and participation, will distinguish service tiers and dynamically adjust quality of service (QoS) and prioritization based on individual, application and incident.

### **REAL-TIME MULTIMEDIA INTELLIGENCE**

Video applications designed for real-time wireless streaming will be aware of the constant changing signal quality inherent with wireless broadband. As a user's signal quality changes, video parameters such as resolution and frame rate will automatically adjust to best fit the capabilities of the broadband connection and the device screen specifications.

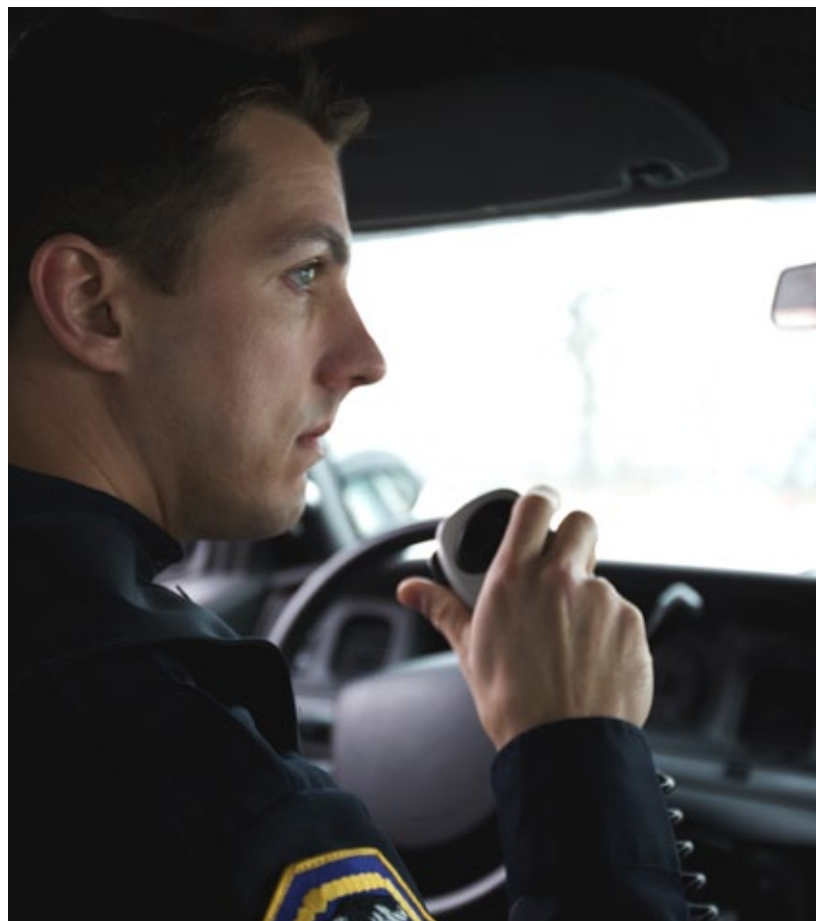
### **LTE PUSH-TO-TALK AND IP VOICE TELEPHONY**

Public Safety LTE users will connect with secure, high performance, voice Push-To-Talk (PTT) from their LTE device to devices throughout the network including Project 25 two-way radios and PTT enterprise devices.

The same LTE devices will also make standard IP voice calls to devices on regional enterprise networks as well as to the public telephone system, offloading air charges for voice.

### **DEVICE AWARENESS AND RESOURCE TRACKING**

The Public Safety LTE platform will be aware of every device on the system – know whether it is on or off, whether it is engaged in covert operations, what the device is capable of handling, what applications are currently in use and the current priority of its owner.



Real-time geographic location and tracking of individuals, vehicles, cameras and sensors will be available from both the radio system and the Public Safety LTE system to enable a real-time operating picture of the region.

### **UNIFIED SERVICES ACROSS MULTIPLE COMMUNICATION NETWORKS**

Integrating Public Safety LTE with Project 25 and enterprise data networks opens the opportunity to deliver an enhanced service of mission critical voice augmented with broadband multimedia applications. This unification of services could lead to common mapping of talk-groups and multimedia-groups, enabling services such as Push-to-Image and Push-to-Video mapped to voice talk-groups.

# 21<sup>ST</sup> CENTURY BROADBAND APPLICATIONS

## BROADBAND APPLICATIONS ENHANCE PUBLIC SAFETY OPERATIONS FOR DAY-TO-DAY, PLANNED EVENTS AND CRITICAL INCIDENTS



### A BARRICADED SUSPECT TAKES HOSTAGES

#### DECISIONS MADE IN THE FIRST MINUTES CAN DETERMINE THE OUTCOME

Resources are dynamically prioritized for the most critical responders and real-time, shared situational awareness empowers a coordinated response across multiple agencies.



### THERE'S NO SUCH THING AS A ROUTINE TRAFFIC STOP

#### OFFICERS MUST KNOW THEIR ENVIRONMENT AND CONTROL THEIR EXPOSURE

A clear view of the scene ahead is paramount; when a car door slams, an officer can see what just happened even though he was focused on completing a report.

#### INTELLIGENT VIDEO STREAMING

- Prioritized perimeter and scene video
- Sniper video streams delivered to command

#### REMOTE OPERATIONS

- Remotely operate surveillance devices
- Control bomb disposal robots

#### IN-VEHICLE VIDEO

- Share video with team and dispatch
- Secure video evidence

#### IDENTITY VERIFICATION

- Quickly scan license or recognize face
- Connect to remote databases

#### RAPID FILE TRANSFER

- Download images, floor plans, manuals
- Situational updates sent every 5 minutes

#### MUTUAL AID PUSH-TO-TALK

- FBI coordinates with PTT over LTE
- LTE cellular call to emergency center

#### LICENSE PLATE LOOKUP

- Instantly read plates
- Automatically match against hot list

#### IN-FIELD REPORTING

- Auto-populate electronic reports
- Instantly submit and return to patrol

### SHARED PUBLIC SAFETY LTE RESOURCES ENABLE INNOVATIVE COOPERATION ACROSS THE GOVERNMENT ENTERPRISE

#### OFFICER NOTICES A TRAFFIC LIGHT IS DAMAGED

Instantly sends map coordinates to a centralized municipal database

#### A UTILITY TRUCK DRIVES PAST A SUSPECTED VEHICLE

Instantly sends map coordinates to police dispatch



# CONNECTING ACROSS THE NATION WITH INTEROPERABLE COMMUNICATIONS



## AN OVER-TURNED TANKER BRINGS TRAFFIC TO A HALT

### POLICE, FIRE, EMS, STATE, FEDERAL AND MUNICIPAL AUTHORITIES RUSH TO ACTION

Evacuation needs are considered, state highway workers prepare for clean-up and nearby schools are notified so that buses can be rerouted.



## A CITY CELEBRATES, EVENTS ARE PLANNED

### CENTRAL COMMAND COORDINATES ACROSS THE GOVERNMENT ENTERPRISE

Integrated command connects multiple agencies, serving public safety, public service and public works, for a shared, real-time operational picture and effective event coordination.

#### ALARMS, SENSORS AND TRIGGERS

- Traffic sensors alert command
- Cameras provide critical information

#### HAZMAT INTEROPERABILITY

- Instant access to hazmat procedures
- Remote experts directly communicate with responders on scene

#### COORDINATED COMMAND CENTER

- Two-way, LTE, enterprise, citizen calls, alarms and video all connect to computer aided dispatch

#### VIDEO SURVEILLANCE

- Command and control has eyes on the street
- Analyzing the crowd and drawing attention where needed

#### DYNAMIC MAPPING, WEATHER, TRAFFIC

- Maintain road safety, reduce gridlock
- Improve disaster response with monitoring applications

#### REMOTE MEDICAL SERVICES

- Connect to remote experts with video
- Diagnostics and triage assistance at the incident scene

#### CITIZEN INQUIRY AND REQUESTS

- Push tasks to mobile workers
- Citizen requests submitted through social media

#### PERIMETER SECURITY

- Immediately match individuals to credentials
- Verify identity against remote databases

## BRING GREATER UTILITY FOR DATA SERVICES AVAILABLE TODAY SET THE STAGE FOR COMMUNICATIONS ADVANCES TOMORROW

- REAL-TIME 3D SCENE VISUALIZATION WITH AUGMENTED REALITY
- ENHANCED CHEMICAL, BIOLOGICAL, RADIATION AND NUCLEAR DETECTION NETWORKS
- INSTANT FACIAL AND OBJECT RECOGNITION WITH REAL-TIME VIDEO TRACKING
- ACOUSTIC ANALYTICS PROVIDING PINPOINT SOURCE LOCATIONING
- CONTEXTUAL DETECTION AND AWARENESS-DRIVEN INTERFACES



# INNOVATIONS HELP PUBLIC SAFETY MONITOR, RESPOND AND DOCUMENT

**AN OFFICER ON PATROL HAS A VIRTUAL PARTNER AT HIS SIDE**  
HELPING HIM MONITOR HIS ENVIRONMENT, GATHERING INFORMATION, BEING AWARE  
**SPRINGING TO ATTENTION** WHEN CALLED TO ACTION, BRINGING FOCUS TO THE MOST  
RELEVANT, POSSIBLY LIFE-SAVING, INFORMATION

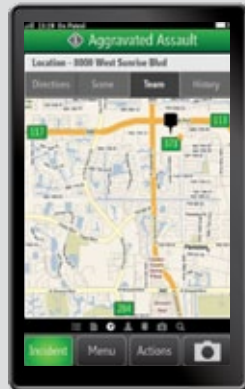
## UNDERSTAND THE INCIDENT

Most critical information pulled forward to the attention of the responder



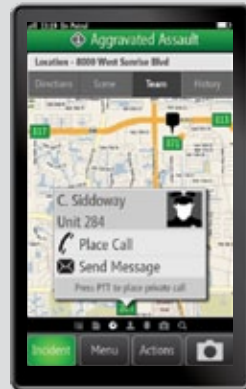
## FIND THE LOCATION

Drill into the incident, receive directions, see where the team is, know of any prior incidents



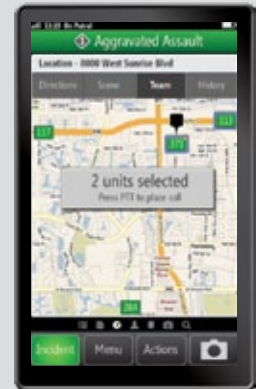
## CALL FOR SUPPORT

Select a first responder and start a secure, Push-to-Talk call



## CONNECT THE TEAM

Circle the team members and establish an ad hoc group call



## KNOW THE PLAYERS

Know the players involved - suspects, witnesses, vehicles, weapons - and identify any threats



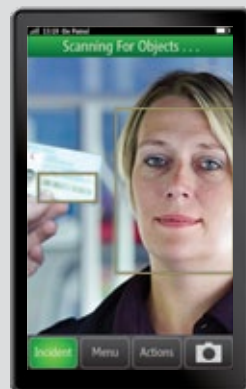
## SEE THE SCENE

See the location of neighboring cameras, select a video feed and play the controls



## MATCH THE PERSON

Automatically recognize a face, read a license plate or scan a driver's license



## REPORT THE STORY

Auto-populate your electronic report and keep a video record for accountability



NOTE: Screen images are concept only.

# INTEGRATING COMMAND AND CONTROL FOR A MORE COMPLETE OPERATING PICTURE

## COMBINING INFORMATION SOURCES

Unify real-time, central operations across LTE, two-way, video systems and resources from across the enterprise data platform

One, common geospatial map presents resource location, 9-1-1 calls, video feeds, emergency alerts, chemical, biological, radiation and nuclear sensors

## REAL-TIME INTELLIGENT VIDEO

Manage LTE-enabled mobile cameras and fixed video feeds for real-time viewing, editing and sharing with those in the field

Advanced analytics enable real-time alerts while incident correlation associates video with voice and data based on time, location and context

## MULTIMEDIA RECORDS MANAGEMENT

Record all multimedia content from two-way and LTE incident activity with strict information assurance and audit trail protections

Incident timeline visualization enables navigation and search across all media streams for prosecution, training and liability defense purposes



# MOBILIZING THE OFFICE FOR IMPROVED PRODUCTIVITY IN THE FIELD



## INFORMATION TO THE VEHICLE

Share real-time, multimedia information between the command center and the LTE-enabled vehicle for greater situational awareness

## REAL-TIME VIDEO STREAMING

Enable live video streaming within the vehicle while dynamically adapting the stream to optimize the LTE capacity

## INSTANT, IN-FIELD REPORTING

Interface with the records management system in the command center to enable field-based reporting and work flow management

# INSPIRED BROADBAND DEVICES

## BUILT FROM THE ART AND SCIENCE OF MISSION CRITICAL DESIGN

Motorola is using standardized open market LTE components to build a broad selection of LTE devices optimized for use by public safety and government enterprise users.

Multi-mode devices will allow public safety users to connect on carrier wireless networks while outside their home network coverage area.

LTE promises public safety a rich ecosystem of devices spurred by large communities of global developers, as well as steep cost declines emerging from the economies of scale for carrier LTE deployments worldwide.

We are bringing together design teams and aligning development across public safety and enterprise markets to accelerate the delivery of the most innovative LTE device portfolio for public safety.

## MOTOROLA PUBLIC SAFETY LTE DEVICES



### HANDHELD DEVICES

- Total mobility with smart devices offering displays and interfaces designed for public safety
- Offering survivability and performance in the most demanding environments



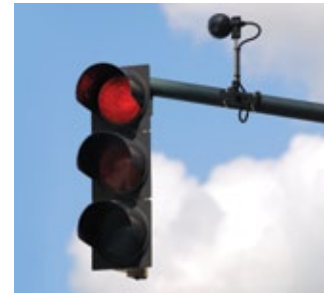
### USB DEVICES

- Bring LTE connections to existing laptops and mobile computers
- Standard USB data interface provides a quick and easy connection to LTE



### IN-VEHICLE MODEMS

- Wide-area connections to mobile applications in vehicle
- Integrated WLAN creates a "traveling hotspot" to connect Wi-Fi® capable devices



### FIXED DEVICES

- Connect unmanned devices such as parking meters, cameras and sensors to the LTE network
- Machine-to-machine devices contain integrated LTE modules

## THE DESIGN DREAM TEAM THAT ONLY MOTOROLA CAN BRING TOGETHER

Motorola is unique in its ability and commitment to bring together a team of leading design experts from across its public safety and enterprise businesses, along with an incomparable design team specializing in human factors research.

The power of this integrated design team is magnified with years of extensive voice-of-customer research and collaborative design research that has led Motorola to the exciting LTE device portfolio under development.

- **World's #1 mission critical two-way radio design team**
- **World's #1 enterprise mobile computing design team**
- **World's #1 advanced data capture design team**
- **Unmatched High Velocity Human Factors design team**
- **Extensive voice of customer and collaborative design approach**

# TECHNOLOGY SO INTUITIVE, SO SMART IT BECOMES SECOND NATURE TO OPERATE EVEN UNDER THE MOST STRESSFUL AND DEMANDING CIRCUMSTANCES



- HIGH VISIBILITY TOUCH DISPLAY
- RUGGEDIZED FOR HARSH CONDITIONS
- INTELLIGENT VIDEO STREAMING
- PRIVATE LTE, CARRIER 3G AND 4G
- MISSION CRITICAL BLUETOOTH®, WI-FI®
- COLLABORATES WITH TWO-WAY RADIO
- HIGHLY ACCESSIBLE EMERGENCY BUTTON

## AGENCY-CONTROLLED MANAGEMENT

An agency-controlled provisioning and management terminal enables the ability to re-configure the personality of each LTE device based on the particular user and the intended mission.

Agencies have full control to add, delete and change user accounts in real-time, as well to access usage reports, roaming records and user account audits.

## ONE DEVICE SERVES MANY



### IN THE HANDS OF A POLICE OFFICER...

The agency defines that a press of the **emergency button** will result in a prioritized alert to command and control, the establishment of a prioritized call with the nearest responders and an activation of the device's video camera.



### RE-DEPLOYED TO A PUBLIC ADMINISTRATOR...

The agency instructs the provisioning and management terminal that a press of the **emergency button** will activate a 9-1-1 call to the local dispatch to determine and engage an appropriate emergency response scenario.

## HIGH VELOCITY HUMAN FACTORS THE DNA OF MOTOROLA LTE DEVICE DESIGN

Motorola has pioneered a field of study that focuses on human performance in periods of extreme stress, volatility and uncertainty. It's called High Velocity Human Factors. Research reveals that under high stress, humans process information very differently than when they are under little or no stress. Motorola integrates ergonomics, cognitive and clinical psychology, as well as physical and cultural anthropology into the LTE device design process.

### A WORLD WHERE TECHNOLOGY IS SECOND NATURE™

- Intuitively designed for emergency response
- Critical information front and center for improved decision making
- The most critical functions made highly accessible
- Responder can focus on the mission, not the technology

# BEHIND EVERY STEP IS THE POWER OF MOTOROLA



## **A COMPREHENSIVE SERVICE PORTFOLIO**

Motorola offers the full spectrum of advanced services to partner with public safety agencies in developing a technology and operations strategy, establishing a business plan, designing and deploying an optimized network and managing ongoing support.

## **DESIGN A TURN-KEY PUBLIC SAFETY LTE SYSTEM**

End-to-end system designed to optimize mission critical operations and enable interoperability with public carrier networks, two-way radio systems and the broader enterprise data network.

## **IMPLEMENT RAPIDLY TO MEET PROGRAM DEADLINES**

Unparalleled expertise and experience in deploying large-scale public safety networks that marry IP-based networks with optimized transport of broadband mobility services across wide and local area networks in the most challenging environments.

## **SUPPORT THE MOBILE BROADBAND SYSTEM**

LTE system performance and continuity assured with 7 x 24 x 365 network monitoring and triage. Emergency response teams can engage directly with development, production and factory engineers for rapid resolution.

## **SECURE MEMBER DATA AND SHIELD THE ENTERPRISE**

Defend against threats and protect data resources for gap-free security across the entire next generation communications platform from applications and services, IP transport, Public Safety LTE, radio networks, down to the data on a user's device.

## **MANAGE A MULTI-TECHNOLOGY MULTI-VENDOR PLATFORM**

An experienced team of Motorola IT professionals can manage the broadband multimedia platform supporting the public safety and government member agencies for maximum cost of ownership efficiencies.

# **IN A FEW SECONDS**

**A STOLEN VEHICLE WILL TURN DOWN THIS STREET**

**THE DRIVER WILL BE IDENTIFIED AS AN ARMED  
FUGITIVE WANTED IN THREE STATES**

**BACK-UP UNITS WILL BE ON THE WAY**

When the moment brings danger, arm your first responders with the situational awareness they need to execute their plan. Combine mission critical voice with secure, streaming broadband multimedia. Unify voice, data and video on one system, connecting the entire government enterprise, and linking public safety with commercial systems. Equip your first responders with the real-time information they need, wherever they are, so they can react with confidence, and better keep citizens and the cities they protect, safe.

**YOUR OPPORTUNITY TO BENEFIT FROM PUBLIC SAFETY LTE  
IS COMING. WILL YOU BE READY?**

**TRUSTED IN 5-ALARM FIRES.**

**TRUSTED IN ACCIDENTS WITH LIFE THREATENING INJURIES.**

**TRUSTED IN TENSE HOSTAGE SITUATIONS.**

**TRUSTED IN MAJOR HURRICANES, EARTHQUAKES AND  
OTHER NATURAL DISASTERS.**

**MOTOROLA CREATES INNOVATIVE PUBLIC SAFETY SOLUTIONS TRUSTED  
BY FIRST RESPONDERS FOR MORE THAN 75 YEARS.**

Motorola is leading the way to a new generation of public safety solutions by combining advanced new technological capabilities with the reliability of the industry's most trusted mission critical solutions to provide real-time sharing of crucial voice, data and video communications where they're needed most.

To learn about Motorola Next Generation Public Safety and how your organization can benefit from Public Safety LTE, visit [motorolasolutions.com/nextgen](http://motorolasolutions.com/nextgen)



**MOTOROLA SOLUTIONS**

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