



# EXPERIENCE THE NEXT GENERATION OF EMS

Every day, more than 1000 lives are lost to sudden cardiac arrest, the leading cause of death in the U.S.<sup>1</sup> Yet this number can be reduced if treated within the first ten minutes of the “golden hour” - the critical period of time identified by EMS responders and doctors following a trauma. Every second counts and the ability to arrive on scene quickly and immediately exchange information between the incident scene and the hospital emergency department is critical to helping EMS maximize the golden hour. And this can be achieved with a continuous flow of real-time information between dispatch, EMS responders and hospital emergency departments.

We have powerful technologies today for EMS, and are continually developing next generation solutions to help them work safer, smarter and better. Motorola designers, researchers and engineers interview EMS responders, and hospital emergency department personnel to understand their challenges and workflow. We ride the ambulances, carry the equipment and observe their operations. This in-depth immersion helps us innovate best-in-class solutions so they can work quickly and more efficiently.

## STREAMLINING INFORMATION AND RESPONSE

Our communication solutions stream mission critical voice, data and video in real-time between EMS responders and the hospital emergency department. From rugged radios and remote speaker microphones for clear communication in the noisiest environments to broadband LTE devices that let you view critical information and allocate resources to improve response times. From biometric sensors that proactively monitor the health of EMS responders and help keep them safe, to wearable cameras that stream two-way video that gives emergency department doctors a virtual, on-scene presence for immediate collaboration. Real-time communication facilitates better information sharing and faster responses, so EMS responders can improve their interactions with patients and ensure better outcomes.

## MAXIMIZE THE GOLDEN HOUR WITH MORE INFORMED DECISION-MAKING FOR IMPROVED OUTCOMES



<sup>1</sup> 2012 Update: A Report from the American Heart Association

# THE CONNECTED EMS RESPONDER

**SAFER**  
A SAFER WAY  
TO RESPOND

## COMMUNICATIONS LIFELINE

Know your voice communications will always get through to incident command, other first responders and the hospital emergency department.

## READY FOR THE SITUATION

Improve EMS responder safety with real-time information, intuitive applications and interoperable communications

## AUTOMATED THREAT AND STATUS DETECTION

Sensors constantly monitor for trouble by tracking EMS responders' vitals and other critical data to help you understand their status and keep them out of dangerous situations

**SMARTER**  
STAY IN FRONT OF  
PATIENT CARE

## COORDINATED RESPONSE

Provide instant, interoperable voice coordination across agencies, jurisdictions and hospitals

## KNOW WHO YOU'RE TREATING

Provide real-time information and tools to EMS responders for patient identification and access relevant medical data so they can make better treatment decisions

## FOCUS ON THE PATIENT, NOT THE TECHNOLOGY

Hands-free, headset computer delivers information right at the point of activity. Easy access to patient care information and new levels of collaboration via two-way video enhance EMS responders' real-time decision-making.

**BETTER**  
MAXIMIZE THE  
GOLDEN HOUR

## CREATE FASTER RESPONSES

Optimize your resources and responses to create more time for triage, treatment and transport

## REAL-TIME COLLABORATION

When everyone shares the same view to the situation, faster and better patient health decisions are made and outcomes are improved

## USE YOUR EXISTING TECHNOLOGY/CHOOSE WHAT FITS YOUR EMS AGENCY

APX 6000XE



APX BLUETOOTH



LEX 700



HC1 HEADSET



**INDUSTRY LEADING  
PRODUCTS  
TODAY**

SECURE PATIENT  
INFORMATION ACCESS



RFID INVENTORY



HEALTH  
MONITORING



12/18 LEAD ECG DATA  
TRANSMISSION



**INNOVATIVE  
PRODUCTS  
TOMORROW**

EMS DASHBOARD



BIOMETRIC PATIENT ID



STEERING WHEEL PTT  
AND VOICE CONTROLS



**THOUGHT  
LEADERSHIP FOR  
THE FUTURE**

[WWW.MOTOROLASOLUTIONS.COM/EMS](http://WWW.MOTOROLASOLUTIONS.COM/EMS)

Printed in USA 09/12. MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. ©2013 Motorola Solutions, Inc. All rights reserved. R3-36-105

