



APX™ PERSONNEL ACCOUNTABILITY

**IMPROVE SAFETY AND COMMAND STAFF DECISION-MAKING
DURING FIRE INCIDENT RESPONSES**



MOTOROLA SOLUTIONS

CAN YOU ACCOUNT FOR EACH AND EVERY ONE OF YOUR FIREFIGHTERS?

In the midst of an incident, incident commanders are inundated with tasks, distractions and information from numerous sources – all of which can impact decision-making. Responders can become distressed, lost, injured or even worse. During these incidents, personnel accountability systems are one of the most important safety measures incident commanders can use to help keep their firefighters safe.

At incident command, you need to know who is on-scene, what they are doing, how long they've been working and if they are okay. Existing methods to account for your firefighters are manual, time-consuming, and inefficient. With the Motorola Solutions Personnel Accountability Application, incident commanders automatically receive accountability information and issue mission-critical orders at the fireground via a computer or tablet as soon as a firefighter turns on their APX™ radio.

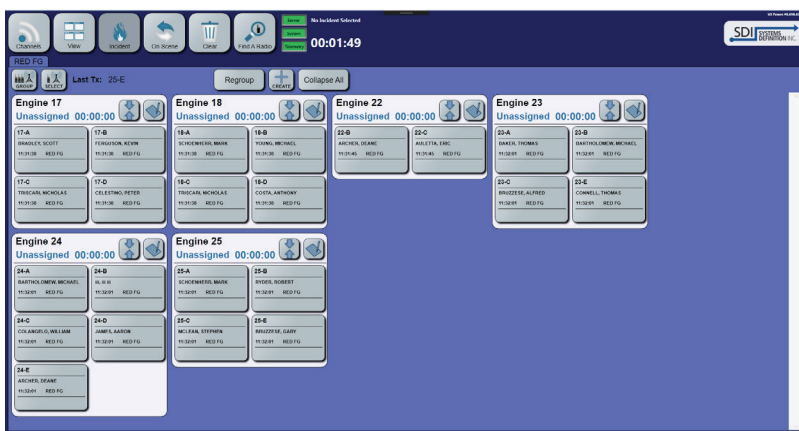
MAKE SURE YOUR ALERTS ARE HEARD

The customizable tactical alert messaging feature of the APX Personnel Accountability Application allows an incident commander to instantly send an alert to every firefighter on the talkgroup or fireground channel simultaneously. These alerts initiate visual and audible notifications on the firefighter's radio. Sixteen different alerts are available for customization and these alerts can be sent individually, to a select group of firefighters, or to everyone on the fireground, instantly and without occupying radio traffic.

OUR INTEGRATED ACCOUNTABILITY SOLUTION INCLUDES:

USER-FRIENDLY GUI

Partnering with Systems Definition Inc., we developed an innovative, streamlined GUI that integrates multiple tasks on a single screen. Now, incident commanders can manage all of their tasks – conducting roll calls, announcing changing conditions, issuing evacuation notifications and more – from the convenience of one user-friendly screen.



ROLL CALL ALERT

With advanced features such as roll call accountability, firefighters no longer have to acknowledge their status back to command with a voice-based response. Simply open the roll call window from the laptop or tablet at incident command to initiate an accountability roll call.

Each firefighter acknowledges the incident commander's request for roll call from their APX series portable radios simply by pressing the PTT button.

Incident command receives confirmation of who has acknowledged the roll call and a count of those yet to respond. As a result, they not only have better accountability of personnel, but the solution significantly reduces cycle time on roll call checks throughout the incident.

MAN DOWN EMERGENCY ALERT

An optional, automatic Man Down alert on APX series P25 portable two-way radios adds another valuable level of safety. The on-board accelerometer in the radio monitors an individual's movement and orientation. If a firefighter is on the ground and motionless for a predetermined amount of time, the APX portable radio will automatically transmit an emergency alert, notifying incident command that the firefighter is in distress.

MAY-DAY ASSISTANCE

Situational awareness-based notification goes off when:

- Emergency alarm is activated
- Man-down is triggered

ROLL CALL ALERT

Roll call application:

- Allows incident command to account for personnel without tying up a voice channel
- If someone does not acknowledge, incident command can manually trigger mayday

EXPAND YOUR CAPABILITIES WITH TRUNKING

When communications are run on an ASTRO P25 Trunking network, even more power is given to incident commanders with Personnel Accountability. Trunking systems enable the Dynamic Regrouping function, which allows an incident commander to electronically move a firefighter to the correct talkgroup at an incident scene without having the firefighter do anything to their radio. This helps to keep firefighters on the correct talkgroup while operating at an incident. Additionally, the same accountability information an incident commander can see on the scene with Personnel Accountability can be shared with the dispatcher through collaboration with an MCC7500 dispatch console on a trunking network.

APX P25 RADIOS: DESIGNED BY FIRST RESPONDERS FOR FIRST RESPONDERS

Working together with firefighters around the world, Motorola Solutions designed and delivered the APX XE portable radio series – the first mission-critical two-way radio for personnel safety in extreme environments. Our designers, researchers and engineers participate in ride alongs, wear the gear, carry the equipment and go into the smoke-filled environments for live-fire training.

Understanding typical firefighter behavior is only the beginning of exploring how responders act and react during high-stress situations. Every feature and function of the APX portable radio series is designed with firefighter safety in mind, from its best-in-class audio to industry-leading ergonomics, including a unique T-grip design, exaggerated control top, top display to read information at a glance and knobs that are easy to operate.

TRUST THE WORLD'S LEADING P25 PLATFORM

Rely on continuous communications on ASTRO® 25, the leading P25 standards-based, mission-critical system used by over 11,000 agencies around the world. ASTRO 25 is a dedicated communication system optimized for the needs of public safety to make sure the voice call gets through, even during times of peak demand. ASTRO 25 and APX portable radios provide reliable, always available communications so multiple agencies can communicate and share data among their teams, deploy resources efficiently, maintain communication security and track personnel.

ONE SOLUTION DELIVERS IT ALL

- Personnel accountability
- Evacuation tone
- Emergency tone notification
- Easy-to-use and monitor single-screen GUI for incident commanders
- Roll call accountability solution with responder acknowledgment
- Log file of data

COMPATIBLE WITH APX SERIES PORTABLE RADIOS

- APX 8000
- APX 8000XE
- APX 8000HXE
- APX 6000
- APX 6000XE
- APX 4000

“ Firefighters are amazed — I can tell when their radio battery is low, if they switched to another channel or turned off their radio. And, I know their names and their departments, even from two towns away. It makes firefighters feel confident that they are being watched and accounted for. ”

Stephen Hotwagner, Fire Chief, Midlothian Fire Department



To learn more, visit www.MotorolaSolutions.com/Fire.



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