APX P25 PERSONNEL ACCOUNTABILITY APPLICATION

IMPROVE SAFETY AND INCIDENT COMMAND DECISION-MAKING

DO YOU KNOW THE STATUS OF YOUR FIRST RESPONDERS?

The threat of a raging fire or coordinating a stakeout. The complexity of a multiagency response. The challenge of unknowns as the situation unfolds. At incident command, you need to know who is on-scene, what they are doing, how long they've been working, and are they okay.

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 lost, injured, in distress or worse. That's why personnel accountability systems are one of the most important safety measures during an incident.

During an emergency situation, personnel accountability solutions can be the difference between a life lost and a life saved — particularly for first responders grappling with stress, overexertion, trauma or the potential for being asphyxiated, caught or trapped.

BE PREPARED WITH REAL-TIME INFORMATION FROM RESPONDERS

Today's accountability solutions don't adequately organize the onslaught of information, limiting the effectiveness of any incident commander. Working with public safety agencies, we've designed an integrated solution that addresses these shortfalls, provides a cohesive report and improves responder safety. Better roll call integration, and integrated graphical user interface (GUI) and Personnel Accountability Reports (PAR) timers based on when agencies arrive on scene were key capabilities that incident commanders were seeking.
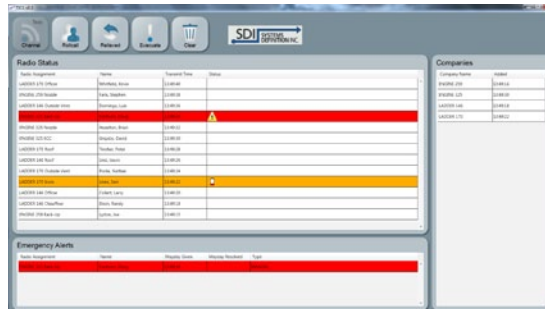
OUR INTEGRATED ACCOUNTABILITY SOLUTION INCLUDES:

User-friendly GUI
Partnering with Systems Definition Inc., we developed a new, streamlined GUI that integrates multiple tasks on a single screen. Now, incident commanders can manage all of their tasks — conducting roll call, monitoring PAR checks and issuing evacuation notifications - from the convenience of one user-friendly screen.

Roll Call Alert
With advanced features such as roll-call accountability, you no longer have to acknowledge your status with a voice-based response. Simply open the roll call window from the laptop at incident command to initiate an accountability roll call. Each responder acknowledges

the Incident Commander's request for PAR from their APX™ series portable radios; they simply press the PTT button to acknowledge. 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 PAR 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 responder is motionless or in a horizontal position for a predetermined amount of time, the APX portable radio will automatically transmit an emergency alert, notifying incident command that the responder 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 (currently deployed by City of New York Fire Department)
- Allows incident command to account for personnel via PTT
- If someone does not PTT, incident command can manually trigger mayday

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APX P25 RADIOS: DESIGNED BY FIRST REPSONDERS FOR FIRST RESPONDERS

Working together with first responders around the world, we designed and delivered the APX 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 of live-fire training. Understanding typical first responder behavior is only the beginning of exploring how responders act and react during high stress situations and how this differs from their daily routine.

Every feature and function of the APX portable radio series is designed with first responder 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

Count 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 / PAR check accountability solution based on PTT data
- Log file of data

COMPATIBLE WITH APX SERIES PORTABLE RADIOS
- APX 7000
- APX 7000XE
- APX 6000
- APX 6000XE

"We're going from a manual system that depended on the person being able to say 'Mayday, mayday, mayday' and giving their locations, to now being able to know who transmitted that mayday signal because it will come up on our laptop. It is a huge change in the way we account for people that are in trouble."

- Salvatore J. Cassano, Fire Commissioner, New York City Fire Department, New York Times, July 13, 2011

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For more information on our integrated accountability solution,
visit motorolasolutions.com/apx.

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