



IMPROVING FIREFIGHTER SAFETY, INCREASING SITUATIONAL AWARENESS

MOTOROLA AND SCOTT SAFETY ACCOUNTABILITY SOLUTION

We listened to fire service professionals around the country who asked for a better way to integrate two of the most critical pieces of equipment on the fireground: Motorola APX™ two-way radios and Scott Safety Air-Paks. They wanted to unify these powerful technologies to increase firefighter safety, improve situational awareness by incident command (IC) and enhance decision-making in real time.

Motorola Solutions and Scott Safety have partnered together to develop a unified, streamlined solution for mission critical communication and accountability. This collaboration resulted in a solution that seamlessly combines industry-leading mission critical communications technology from Motorola with essential Air-Pak telemetry from Scott Safety.

CRITICAL SCBA DATA IS AUTOMATICALLY SENT FROM THE APX SUBSCRIBER TO INCIDENT COMMAND

Most departments do not have the ability to view the condition of their first responders consistently and in real time. That's why our solution is so invaluable.

It leverages proven technology from both companies to enhance IC capabilities wherever a firefighter carries a radio – in high rises, across multiple floors, within buildings and outside structures.

Our collaborative accountability solution sends critical SCBA telemetry information securely and wirelessly from the console on the Scott Air-Pak SCBA to Motorola APX 7000/XE series and APX 6000/XE series radios. Data is transmitted from the APX portable radio to an IC base station in a conventional digital mode. This SCBA data – including PASS alarm status, air levels and Pak IDs – reaches IC in seconds.

Because APX radios act as the “data pipeline” and are high-powered, they provide superior range, excellent in-building penetration and exceptional reliability. APX radios transmit critical data seamlessly along with voice, without compromising mission critical communication in any way. This capability can be offered as a stand-alone network for NFPA 2007 Edition Air-Pak users, or to add redundancy to Scott's SEMS II mesh network for 2013 Edition Air-Pak users.

SECONDS MATTER IN KEEPING THEM SAFER

- Get an accurate, up-to-the-moment data to help firefighters stay safe
- Improve visibility and increase situational awareness for IC
- Enhance the ability of IC to make decisions in real-time
- Improve the speed and efficiency of PAR checks, alerts and more

FACT SHEET

MOTOROLA – SCOTT SAFETY PARTNERSHIP

SEE THE CONDITION OF FIRST RESPONDERS IN REAL TIME

Both Scott and Motorola currently offer accountability solutions for IC. The Motorola APX Personnel Accountability System provides real-time monitoring of first responders and offers roll call and Personnel Accountability Report (PAR) checks through the push-to-talk (PTT) on APX radios. The Scott Imperium Accountability Software solution has a team-based electronic management board that utilizes the Scott SEMS II mesh network to deliver real-time PASS and air level data to IC.

The capability to transmit Air-Pak telemetry data through APX radios will be integrated into both existing and new software solutions, with commercial availability expected in late 2014.



PRODUCT INTERFACE DIAGRAM

APX RADIOS, TRUSTED BY FIRST RESPONDERS WORLDWIDE

APX P25 radios are renowned for their mission critical performance and multiband interoperability. Designed by and for firefighters, they feature intuitive ergonomics including glove-friendly controls, large top display, extra-large emergency button and innovative T-grip design. APX radios are made for the rigorous demands of the fireground, with best-in-class audio quality, extreme audio profiles and critical safety applications such as man down and voice announcement. They withstand stringent MIL-STD specifications and outlast the toughest shifts.

The following models are capable of interfacing with Scott Air-Pak SCBAs:

- APX 7000 and APX 7000XE
- APX 6000, APX 6000XE and APX 6000Li

SCOTT AIR-PAK, THE FIRE SERVICE'S MOST TRUSTED SCBA

Scott Safety Air-Pak SCBAs now provide two ways to send first responder data: through the SEMS II mesh network and Motorola APX radios. Scott Safety is the most trusted, durable and easy-to-use SCBA in the fire service industry, with redundant safety features, a low cost of ownership and firefighter-designed and tested components. The Air-Pak X3 SCBA carries on this tradition, while setting a new bar for SCBA performance and technology.

The following models will be capable of interfacing with APX P25 radios:

- NFPA 2007 Edition Air-Pak NxG7 and AP75 with Bluetooth-enabled gauge console
- NFPA 2013 Air-Pak X3 SCBA with SEMS II and Bluetooth-enabled console

For more information, contact your local Motorola or Scott Safety sales representative.

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