



SCOTT™
Fire & Safety

A full-page background image showing two firefighters in brown turnout gear with reflective yellow-green stripes. They are on a dark, shingled roof. One firefighter is kneeling and assisting the other, who is standing and reaching up. A SCBA tank is visible on the standing firefighter's back. The scene is hazy with smoke or steam, and the sky is blue with light clouds.

Elevating incident command.
Safety you can see.

3M™ Scott™ SEMS 3.0 Wireless SCBA Telemetry System
Part of 3M™ Scott™ Incident Remote Data Collection (RDC)



The visibility you need, when it matters most.

There's no doubt about it—fire scenes are unpredictable by nature. In such challenging conditions, your team must be able to trust their personal protective equipment (PPE) to protect them in environments that are immediately dangerous to life or health (IDLH).

When you choose the 3M™ Scott™ Air-Pak™ XD SCBA, you and your teams gain access to a whole new generation of monitoring with the SEMS 3.0 Wireless SCBA Telemetry System. When connected to our comprehensive Incident Remote Data Collection (RDC) system, it gives you an unprecedented view into what's happening on the fireground, so you and your team can concentrate on what matters most.

3M™ Scott™ SEMS 3.0

Wireless SCBA Telemetry System

- ✓ Increased range with more powerful radio technology
- ✓ Improved penetration into buildings
- ✓ Greater resistance to Radio Frequency Interference (RFI)



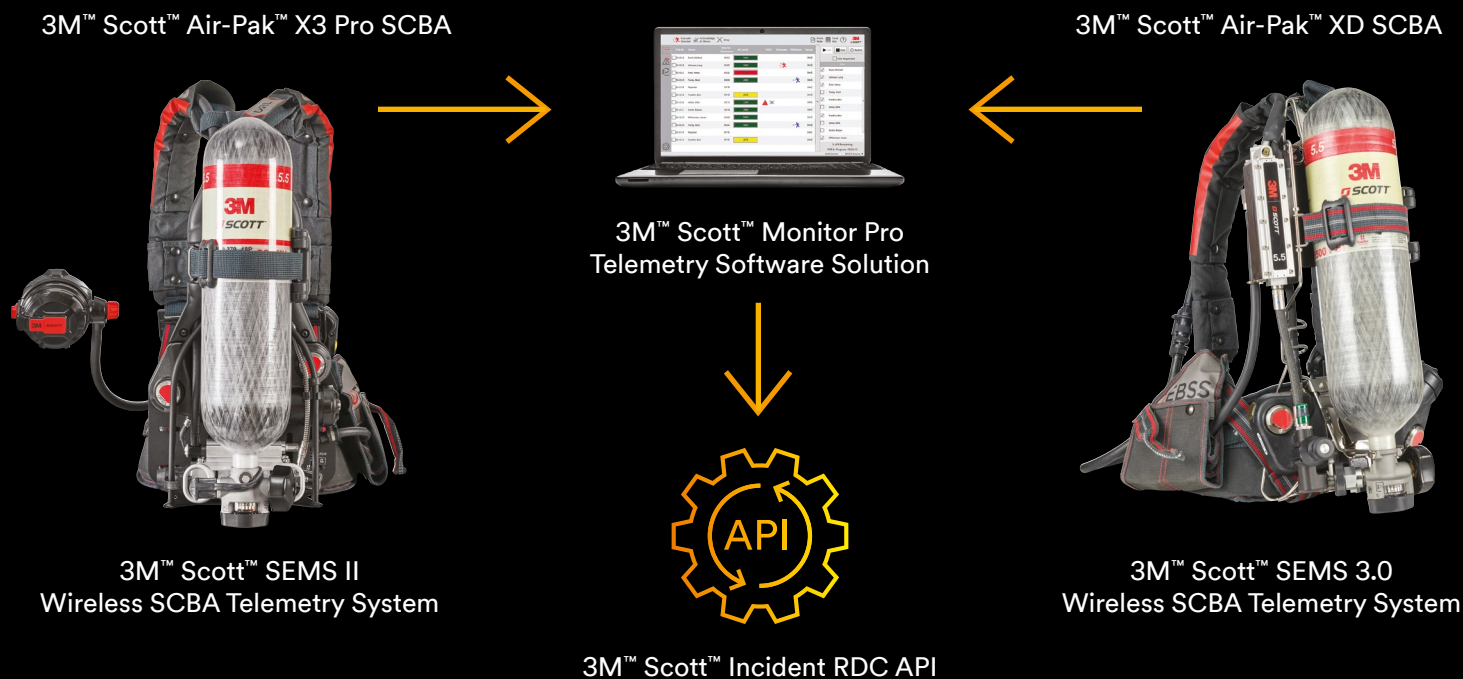
- Incident Command (IC) can access critical SCBA data
- Communicate bi-directionally with IC
- Electronic Personnel Accountability Report (ePAR) reduces excess radio traffic
- New gateway for enhanced wireless connectivity
- Compatible with existing Monitor Pro telemetry software
- Compliant to NFPA 1982, Standard on Personal Alert Safety Systems (PASS), 2018 Edition



SCBA telemetry system providing
near real-time status and alerts

What is Incident RDC?

On a fire scene, conditions can change in the blink of an eye. With 3M™ Scott™ Incident Remote Data Collection (RDC), you get a clearer view of conditions on the fireground so you can better monitor the safety of your entire team.



Incident RDC: A suite of connected solutions

- Critical information about firefighters' air supply
- Wirelessly transmitted to the incident commander
- Seamlessly integrated with authorized third-party incident management software

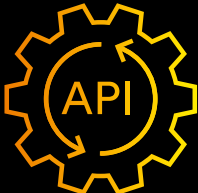
See how it all comes together:

3M™ Scott™ Air-Pak™ XD SCBA
Extreme-duty SCBA with our popular “wireformed” backframe, and next-generation connectivity

3M™ Scott™ Monitor Pro Telemetry Software Solution
Tracks critical data on air levels, PASS status, and other alerts

3M™ Scott™ SEMS 3.0 Gateway
Facilitates bi-directional communication between incident command and SEMS 3.0 enabled SCBA

3M™ Scott™ Incident RDC API
Allows SCBA data to be shared with authorized third-party incident management software applications, giving the incident commander all-in-one monitoring capability.

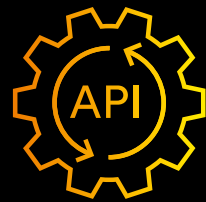




3M™ Scott™ Incident RDC API

Leverage SCBA telemetry data within your preferred (authorized) incident management application.

These incident management providers are now empowered to provide incident command with air, PASS and EVAC data while establishing and maintaining command. Additional alert notifications – high-flow or no-flow condition at full-alarm PASS – provide incident command with enhanced situational intelligence to guide critical decision making. The telemetry data is further improved by giving incident command the ability to electronically call for a personnel accountability report (ePAR).



What's new with SEMS 3.0?

Our latest advancement in wireless SCBA telemetry, SEMS 3.0 builds upon a history of 3M Scott SCBA telemetry systems to help advance firefighter safety. SEMS 3.0 is based on an all-new technology that enhances signal range and penetration, which means greater visibility in large structures and over long distances.

3M™ Scott™ Incident RDC Telemetry Systems		
Feature	SEMS II	SEMS 3.0
Compliant to NFPA 1982, Standard on Personal Alert Safety Systems (PASS), 2018 Edition as an RF-Communicating PASS device when used with the Monitor Pro Telemetry Software Solution	✓	✓
Patented, self-healing mesh network	✓	
Point-to-point long-range network		✓
Bi-directional communication of alarms and acknowledgements between responders and incident command	✓	✓
Real-time SCBA telemetry system providing air level, PASS alarm and evacuation status	✓	✓
High-flow and no-flow alert notifications when used with the Monitor Pro Telemetry Software Solution	✓	✓
Electronic Personnel Accountability Report (ePAR) for improved accountability	✓	✓
Increased resistance to radio frequency interference*		✓
Improved structural penetration*		✓
Incident RDC API availability** when used with the Monitor Pro Telemetry Software Solution	✓	✓
Capable of integrating SCBA data into authorized third-party incident management software programs**	✓	✓
Gateway with enhanced wireless connectivity*		✓
Compatibility with 3M™ Scott™ SCBA Models	Air-Pak X3 Pro	Air-Pak XD

* Compared to SEMS II

** Consult your 3M representative for a list of authorized third-party incident management providers



Schedule a demo with a
3M expert to see the
3M™ Scott™ Incident RDC
System in action.



**3M™ Scott™ Fire & Safety
Personal Safety Division**
Monroe Center, P.O. Box 569
Monroe, NC 28110

Phone: 1-800-247-7257
Email: US-3M-ScottMonroeCSR@mmm.com
Web: 3m.com/ScottFire

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