



# ADVANCED FIRE SUITE

## A UNIFIED PLATFORM FOR END-TO-END FIRE COMMUNICATIONS

From the initial 9-1-1 call, to dispatch and alerting, through powerful fireground capabilities, the Advanced Fire Suite offers a complete and integrated platform that supports every part of the firefighting mission. Dependable and secure, our technology helps keep your personnel safe and your operations running smoothly.

Respond faster, collaborate more efficiently and safely, and extend situational awareness further with deeper intelligence.

With the Motorola Solutions Advanced Fire Suite, you get one unified end-to-end voice and data communications platform for all three phases of an emergency: Incident Creation, Alerting and Dispatch, and Response. Our software and devices work seamlessly together, keeping you safer and focused on the response.

## VERSATILE INCIDENT CREATION FOR BETTER PREPARED RESPONDERS

**VOICE. TEXTS. PHOTOS. VIDEO.**

Today, emergency calls can take many forms. The Advanced Fire Suite includes Vesta and CallWorks, NG9-1-1 capable call-taking solutions that can receive 9-1-1 calls and collect critical incident data from the caller either over voice or through many other media formats. The software then seamlessly shares it with our PremierOne and Spillman FLEX dispatch software in a single workflow to notify the appropriate first responders. These natively integrated dispatch systems efficiently and accurately capture call information and help coordinate the fastest, most prepared response possible when every second counts.

## POWERFUL ALERTING AND DISPATCH FOR A MORE INFORMED RESPONSE

Empower your dispatchers with faster coordination tools and enhanced intelligence sourced directly from call handling software, so they can better inform and support personnel in the field. By leveraging our console solutions, the Advanced Fire Suite offers software-based access to all LMR talkgroups and users from one desk, so you can easily relay mission critical communications to the right personnel. You can also use the console solution to leverage the full potential and capabilities of your P25 network by using more applications such as logging and third party add-ons, all through one user interface.

## FIRE STATION AUTOMATION AND ALERTING

MACH Alert Fire Station Automation and Alerting enables faster response by delivering automated incident-specific station alerts received directly from our dispatch solutions to responding fire stations. All without any separate terminal required. These alerts not only deliver relevant response information but also interact with fire station infrastructure to update the station's incident board and automate tasks such as turning off stoves and opening bay doors. Best-in-class text-to-speech technology can be integrated into firehouse PA systems so incident information can be delivered in the most actionable format to further reduce response times and enable a more informed response.

## VOICE PAGING

With direct integration into our console solution, the Advanced Fire Suite works seamlessly to incorporate other alerting tools such as the MINITOR VI™ Voice Pager. With up to 16 minutes of voice recording, customizable call alerts and advanced receiver design, the MINITOR VI is rugged and reliable, offering a simple and cost-effective communication and emergency notification solution.



## **FASTER AND EFFICIENT RESPONSE FOR SAFER COMMUNITIES**

### **APX™ MISSION CRITICAL TWO-WAY RADIOS**

In an emergency, there are many unpredictable variables in play. Don't let your communication device be one of them. The Advanced Fire Suite integrates APX™ mission critical two-way radios and accessories so first responders can trust the most reliable communications possible.

Over the course of our history, we have come to understand how firefighters work and their unique communication needs. That's why APX radios are specifically designed for the fireground, combining sophisticated technology with incredible toughness. These radios are meant to perform in the most extreme environments, with specially engineered form-factors, extra-large controls and displays for use with heavy-duty gloves, and features like Voice Announcement that allow you to operate radios in a zero-visibility smoke-filled room.

P25 certified and available with single and all-band capability, APX devices empower you to share information seamlessly across your team and with other responding agencies. With integrated Bluetooth, APX is compatible out-of-the-box with a large selection of wireless accessories including the leading in-mask respirator mics.

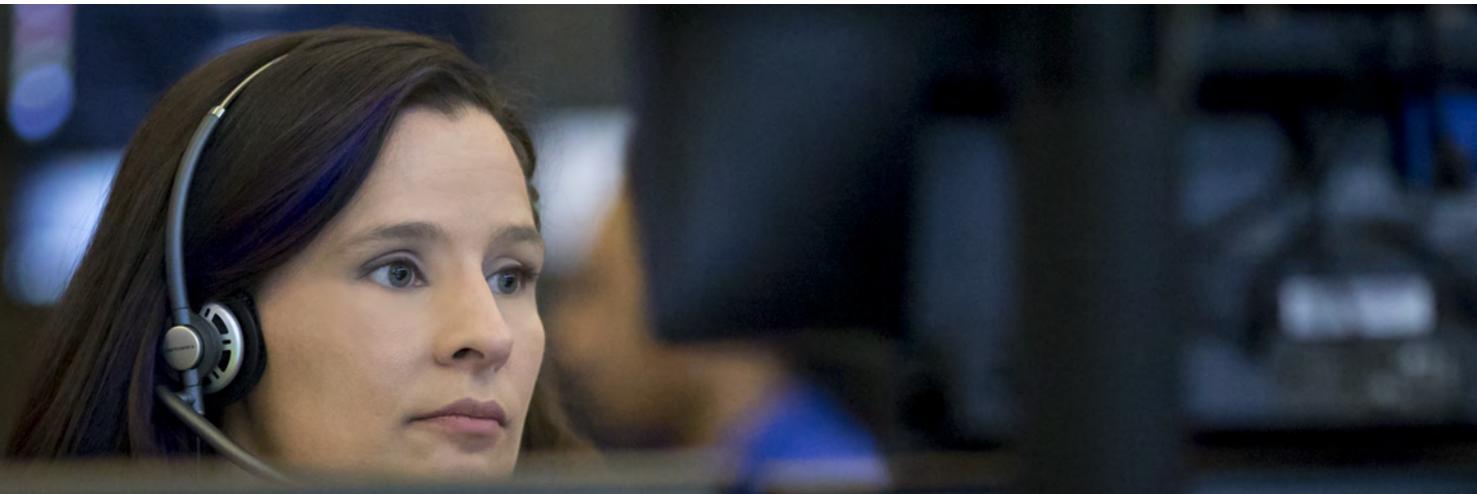
### **LTE-BROADBAND COMMUNICATIONS**

The Advanced Fire Suite can leverage both the VML750 LTE Vehicle Modem and the LEX L11 Mission Critical LTE Device. The VML750 is a durable in-vehicle LTE modem that allows firefighters to connect their vehicle equipment with high speed broadband networks and can even act as a mobile WiFi hotspot to connect other devices allowing critical data to be shared between first responders in the field and data sources and dispatchers in the command center.

LEX L11 is a highly ruggedized broadband device for command staff and those first responders outside of the fire. Its mission critical design and features include enhanced audio and dedicated emergency and Push-to-Talk (PTT) buttons, specifically designed to function with our LMR and LTE interoperability solutions which allows full access to your radio talkgroups from anywhere. Plus, with APX Collaboration, you can control critical functions of an APX radio from your LEX L11's touchscreen.

### **APX PERSONNEL ACCOUNTABILITY**

The APX Personnel Accountability solution is an easy to use radio application that improves safety and incident command decision-making on the fireground. It replaces legacy solutions, such as pen and paper or Velcro boards. When firefighters turn on their radios, command staff can easily identify who is on the fireground and through direct integration with our dispatch solutions can know who to expect to be on scene before they even arrive. Using this powerful tool, users can conduct roll-calls and issue command notifications directly to APX devices without adding additional radio traffic, all from the convenience of one user-friendly screen in a command vehicle.



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### CALL INTO 9-1-1

An early-morning fire breaks out in an abandoned warehouse. A 9-1-1 caller reports the fire and provides a photo.

**SOLUTIONS:** VESTA, CALLWORKS

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### INCIDENT CREATION

The 9-1-1 center transmits the call data and photo to the Computer-Aided Dispatch (CAD) system. The dispatcher then alerts appropriate agencies to respond using the dispatch console.

**SOLUTIONS:** PREMIERONE, SPILLMAN FLEX, DISPATCH CONSOLE

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### ALERT AND DISPATCH

The dispatcher uses CAD to alert a local firehouse to the incident and sends the incident data and photo to the firehouse's MACH Fire Station Alerting System where it's displayed on the incident board and announced over the PA system. The dispatcher also alerts on-call volunteer firefighters in a nearby county using Minitor VI pagers.

**SOLUTIONS:** MACH FIRE STATION ALERTING SYSTEM, MINITOR VI PAGERS

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### PRE-RESPONSE

En route, responders use APX mission critical radios to coordinate routes and truck placement on the fireground.

To find the best point of entry prior to arrival, a responding Captain radios dispatch to request a blueprint of the warehouse, which the dispatcher transmits over LTE to the Captain's LEX L11 device.

**SOLUTIONS:** APX MISSION CRITICAL RADIOS, LEX L11

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### COORDINATED RESPONSE

Responders use their VML750 in-vehicle modems to receive the full incident report generated by the original 9-1-1 call, including the photo, helping them achieve the most effective response.

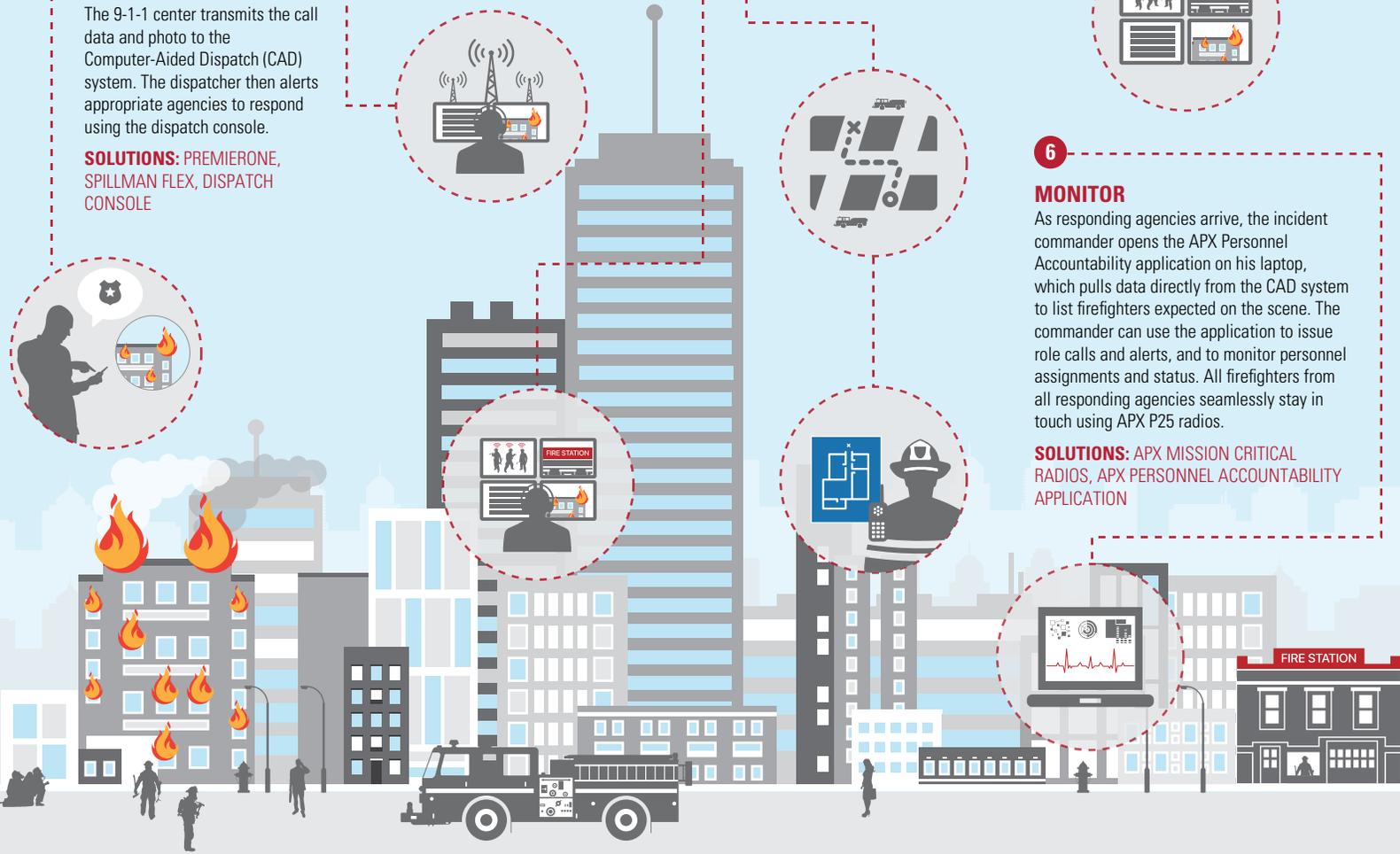
**SOLUTIONS:** VML750

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### MONITOR

As responding agencies arrive, the incident commander opens the APX Personnel Accountability application on his laptop, which pulls data directly from the CAD system to list firefighters expected on the scene. The commander can use the application to issue role calls and alerts, and to monitor personnel assignments and status. All firefighters from all responding agencies seamlessly stay in touch using APX P25 radios.

**SOLUTIONS:** APX MISSION CRITICAL RADIOS, APX PERSONNEL ACCOUNTABILITY APPLICATION



## END-TO-END FIRE COMMUNICATIONS MADE EASY

The Motorola Solutions Advanced Fire Suite features a range of product choices in a complete and integrated platform, making it easy to keep your personnel safer and your operations more efficient. From the initial 9-1-1 call, to dispatch and alerting, through powerful fireground capabilities, you receive a unified, end-to-end solution for every part of your mission. With seamless technology supporting your personnel every step of the way, you can ensure better outcomes, a safer, faster response, and a more secure community.

To learn more, visit: [www.MotorolaSolutions.com/Fire](http://www.MotorolaSolutions.com/Fire)

