

LUNAR[®] Connected Device & FireGrid[™]



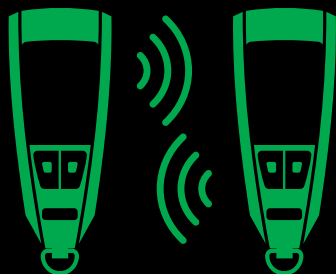
A Part of the MSA Connected Firefighter Platform

As part of MSA's Connected Firefighter Platform, LUNAR[®] Connected Device and FireGrid provide search and rescue technology, situational awareness, and an enhanced incident command experience—on and off scene.

This Connected Firefighter solution aids in locating a downed team member, automatically notifying team members including Incident Command that there is a device in alarm, situational awareness, and connectivity for more informed and confident decision making.

Connect With the Entire Team

LUNAR provides three types of connectivity to aid in keeping you, your entire team and devices connected: LUNAR-to-LUNAR, Bluetooth, and LTE.



LUNAR-TO-LUNAR NETWORK

LUNAR-to-LUNAR network is a self-forming and **independent network** between LUNAR devices, that enables their connection and communication. This is the network that our Firefighting Assisting Search Technology (F.A.S.T.) operates on, meaning even in challenging infrastructure or when LTE-M is unavailable or unstable, the LUNAR devices are connected and able to search for a device in alarm.



BLUETOOTH[®] CONNECTIVITY

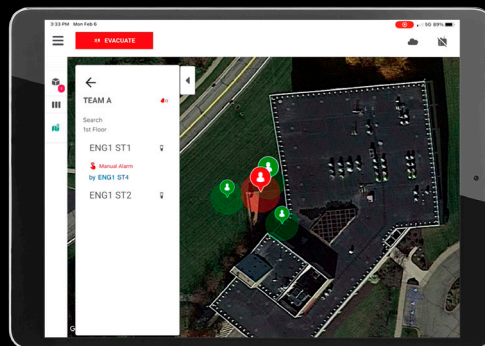
Built on a software-based platform, the **MSA G1 SCBA** is a key part of the Connected Firefighter platform. The LUNAR device pairs with the G1 SCBA via Bluetooth to provide certain key SCBA data, like air status and alarm information to Incident Command.



CELLULAR CONNECTIVITY

The LUNAR device has a **direct cloud connection** and is enabled by **LTE-M** which provides device data to Incident Command on the tablet-based local monitoring application, **FireGrid Monitor**. All device and incident data available to Incident Command is automatically sent to the cloud, FireGrid Web, in the form of an after-scene report for reviewing, analyzing, and storing.

LUNAR Connected Device now available for use on FirstNet[®]. First responders on FirstNet get access to prioritized connectivity, never competing with commercial traffic, plus many other tools that help them complete their important mission.



WHEN YOU GO IN, WE GO IN WITH YOU.

LUNAR® Connected Device & FireGrid™



Search With Confidence

When a device is in alarm, all LUNARs within the vicinity are notified with the personalization of the device in alarm and the reason for the alarm—motion, manual, or hardware. In addition to each team member being notified, Incident Command is also notified in FireGrid Monitor which device is in alarm, when the search starts, and who is searching. When a search begins, the searcher is given distance and directional information in addition to having their thermal imaging for continued situational awareness.

See With Clarity

The LUNAR device provides personal thermal imaging enhanced with edge detection. Edge Detection is a LUNAR-exclusive thermal palette that highlights an area with a bright green line when there is a significant temperature difference. This thermal palette is ideal for identifying areas of interest such as windows, doors, people, and means of egress.

Suite of Software Supporting the Connectivity Experience

In addition to FireGrid Monitor, the local monitoring application, FireGrid Configure and FireGrid Web provide additional tools that can help simplify department safety. FireGrid Configure enables updates, personalization, configuration, and device data log retrieval. FireGrid Web is the web-based application for account management, device registration, reports/analytics, and inventory management.

Using LUNAR Connected Device With and Without Connectivity

Being a multi-use device, the LUNAR device is suitable for various types of calls and numerous levels of connectivity. As a standalone device with no cellular connectivity, by choice or environment, the LUNAR continues to offer accountability through the alarms, situational awareness through personal thermal imaging, and F.A.S.T. for search and rescue.

Additionally, with cellular connectivity, the LUNAR device provides monitoring capability through FireGrid Monitor, automated reporting, and data log management.

Visit <https://us.msasafety.com/connected-firefighter> to learn more.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>. FirstNet is a registered trademark of the First Responder Network Authority.

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