

LUNAR[®] Connected Device: AFG Guidance



WHAT IS LUNAR?

LUNAR Connected Device is a part of the MSA Connected Firefighter Platform, which enables enhanced vision, situational awareness and accountability for everyone on scene.

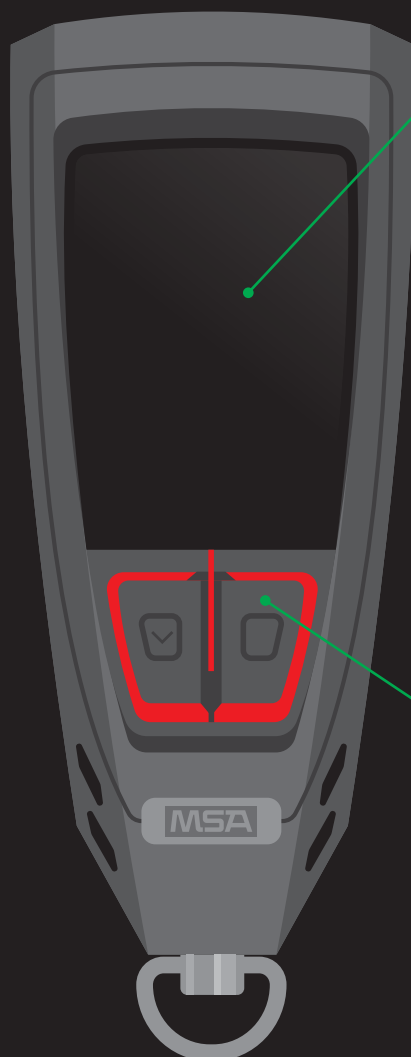
LUNAR is a personal accountability device and a simplified safety solution that's intuitive and easy to use.

It's wireless, cloud ready, equipped with thermal imaging and supports collaborative search.

LUNAR can be used as part of an SCBA application, SCBA + Accountability, or as a stand-alone Accountability system.

ACCOUNTABILITY

- Wireless accountability for multiple jobs and various calls
- Equipped with three alarms; manual, motion and hardware
- Works as a standalone system or with the MSA G1 SCBA for versatile accountability
- Enabled with GPS to provide estimated device location external to a structure, on FireGrid Monitor



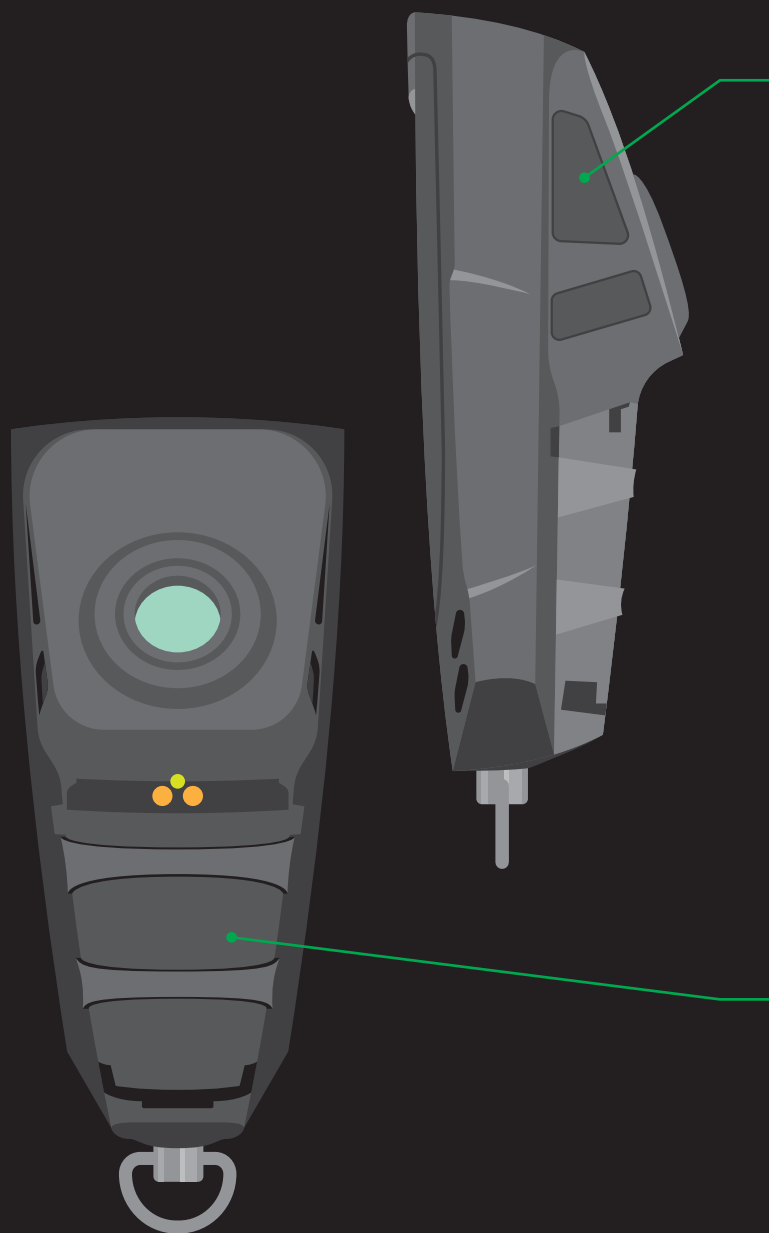
CONFIDENCE

- 3.5" display for clear viewing
- Equipped with thermal imaging and edge detection for situational awareness
- Confirm evacuation requests
- Review G1 SCBA stats such as air pressure, time remaining, battery status and other SCBA stats

COMFORT

- Covered in rubber overmold for protection
- Equipped with two easily locatable buttons for simple scrolling and selecting in a gloved hand

WHEN YOU GO IN, WE GO IN WITH YOU.



CONNECTIVITY

- Equipped with LTE-M direct cloud connectivity enabling local and remote monitoring
- Equipped with the LUNAR-to-LUNAR network which is self-forming and independent of cellular connectivity to keep the team connected and communicating
- Equipped with Firefighting Assisting Search Technology (F.A.S.T.) for prompt notification that a team member is down and providing distance, directional and thermal feedback to aid in the rescue of a downed firefighter
- Pairs with the G1 SCBA via Bluetooth to deliver key SCBA data to Incident Command
- Now available for use on FirstNet®, the only network built with and for first responders

SUSTAINABILITY

- Textured rechargeable battery for secure gripping and to keep you powered

What AFG Category is LUNAR Eligible For?

LUNAR falls under the *Personal Accountability Systems* category as a High Priority. The Application is *Operations and Safety*; and the Project area is *Equipment*. If the total project budget is under \$50k, consider applying for a Micro Grant. Additionally, subscription fees are now eligible for AFG funding. Consider applying for additional funding to cover a subscription to FireGrid.

Why is LUNAR an Accountability System?

Accountability means different things in fire service—understanding air management to properly deploy and evacuate firefighters at the right time, knowing who is on scene, who is in alarm, and how long an incident has occurred. But the common thread at the center of all of this, is that accountability means visibility of every person on the fireground.

Oftentimes the tools it takes to deploy an accountability system can be cumbersome, requiring significant time and infrastructure to enable. That's why technology—specifically LUNAR and FireGrid, MSA's suite of software applications can help achieve accountability. For an accountability system to be approachable, it should provide accessible and actionable data through a user-friendly interface. The solution should be easy to configure and provide value after the scene has ended.

With advancements in technology, accountability in fire service can go beyond how we think of it today, extending to:

Visibility Of All Users

- With technology in the palm of every firefighter's hand, those wearing and not wearing SCBA can be alerted if a firefighter's motion is not detected and allow those on the fireground to find separated teammates faster.
- LUNAR transmits device personalization, team assignment, cylinder pressure including time remaining, alarms and warnings to FireGrid Monitor, MSA's local monitoring software.

Equipment Maintenance

- Inventory and tech management is another level of accountability. With FireGrid Web, the application platform that provides data about each piece of equipment, inventory managers can determine whether the equipment given to each firefighter passes inspection and meets the requirements to keep that firefighter safe.

Incident Reporting

- Using FireGrid Web, post-scene, accountability can translate to the data collected from each incident and relying on that data to help inform common or consistent issues across fire events themselves or performance of individuals on-scene, all to better inform the process for future incidents.

With LUNAR from MSA, these tech elements are all wrapped into one LTE-enabled device that each firefighter can have at all times. As part of the MSA Connected Firefighter Platform, LUNAR provides the tools to promote accountability in the traditional sense, while expanding to other areas on- and off-scene as well, to ultimately support firefighter safety.

LUNAR + firegrid

LUNAR Connected Device and FireGrid suite of software applications create a network of safety providing widespread accountability.

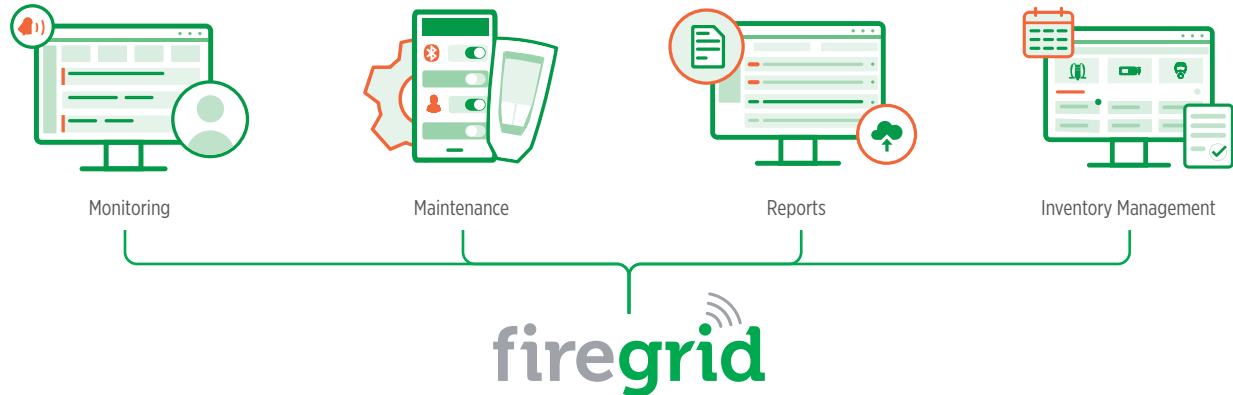
When purchasing LUNAR Connected Device, the following products are included:



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When LUNAR is used with FireGrid, the following application features are available:



Follow these steps to prepare your grant application:

- 1 Identify the legal applicant.
- 2 Apply for, update or verify the Legal Applicant's DUNS number.
- 3 Apply for, update or verify the Legal Applicant's Employee Identification Number.
- 4 Register, update or verify the Legal Applicant's System for Award Management (SAM) account and entity registration.
- 5 Create or update your login to the FEMA GO portal.
- 6 Determine what your department needs are and if these needs are eligible for AFG funding.
- 7 Secure a good cost estimate and make sure your department has sufficient funds to cover the AFG match.
- 8 Review your department's budget, identify all sources of income and detail expenses.
- 9 Know your SAM.gov registration information and DUNS number, and ensure the information contained in SAM and DUNS match each other and are the same as the information contained in your FEMA profile.
- 10 Save all of this information in one place so you can access it and update it easily.
- 11 Save this information on a thumb drive as a backup.

For specific questions and assistance, work with a grants writer or service. Visit [FireGrantsHelp.com](https://www.firegrantshelp.com) for more info and check the FEMA AFG page <https://www.fema.gov/grants/preparedness/firefighters>, for updates.



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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