

MSA A2 Monitoring Software



WHEN YOU GO IN, WE GO IN WITH YOU.

MSA A2 Monitoring Software

Incident command's ability to view the situation within a working fire is now reality. The capacity to monitor and provide instructions during an emergency is critical. MSA has worked tirelessly to ensure that the information you need is at your fingertips, as we provide the means to monitor each firefighter's status and environment.

MSA A2 Software offers a simple, reliable method to enhance

firefighter safety and accountability on the fire scene by monitoring firefighters' PASS devices remotely from incident command.

All-new MSA A2 Software provides more information than ever before. Using Bluetooth communication, the MSA G1 SCBA links to portable gas detection to transmit environmental readings to incident command, an industry first.

A2 Software Monitoring Details

The screenshot shows a monitoring interface for 'Ladder 1' with a central gauge displaying 3498 Psi and 14:40 min. The interface is divided into four quadrants:

- 1st Quadrant:** Alarm or warning status (indicated by a bell icon).
- 2nd Quadrant:** Time on scene (2:00 PM) and incident status (indicated by a running person icon).
- 3rd Quadrant:** Mission or task (Fire Fighting), Floor or level, Sector or area, and Bluetooth.
- 4th Quadrant:** Future use (indicated by a gas detector icon), ALTAIR® 5X PID Bluetooth link, and Monitor up to six gases (C5H12, O2, CO, H2S).

Context Menus

These menus provide fast access to various functions to quickly customize tiles or execute demands.

The screenshot shows a 'Team overview' interface with four tiles:

- Engine 9:** 4500 Psi, 4:35 min, 2 people.
- Ladder 1:** 4500 Psi, 4:35 min, 2 people, with a context menu open showing options: Show Context, Remove, Evacuate, Stop manual, Incident status, Exit team.
- No team - Holding bin:** 4500 Psi, 4:35 min, 2 people.
- Truck 3:** 1159 Psi, 2:35 PM, 23:00 min, 6 people.

To help you find the information you need, A2 Software provides a variety of views:

Team view

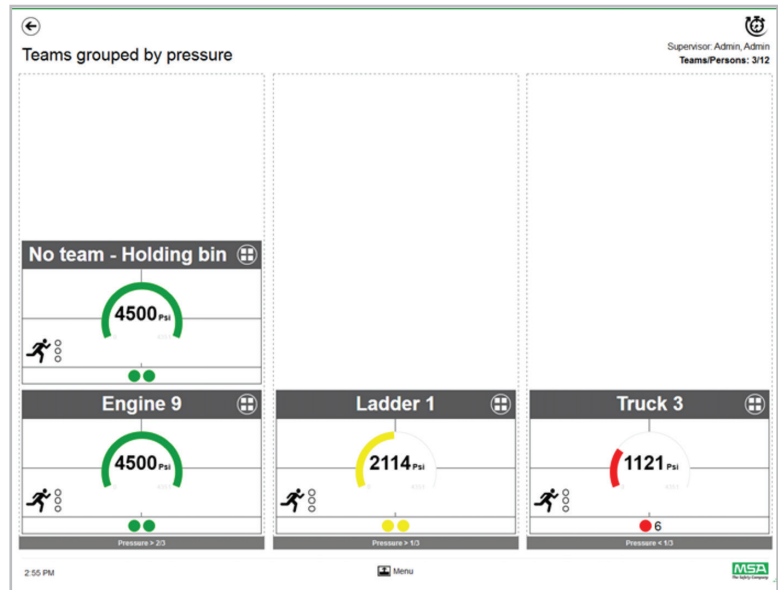
- View of all teams

Remaining pressure

- Split of teams into different areas based upon remaining pressure

Incident state

- View of teams based upon current status



Day and Night Display Options

These options are designed to ensure clarity within any environment.



MSA A2 Monitoring Software

Reporting Functionality

MSA A2 Software provides in-depth reporting capabilities. Data log searches incident reports by date and/or alarm type; reports can be exported, filtered, printed, and more. Users can also retrieve event logs for any recorded incidents.

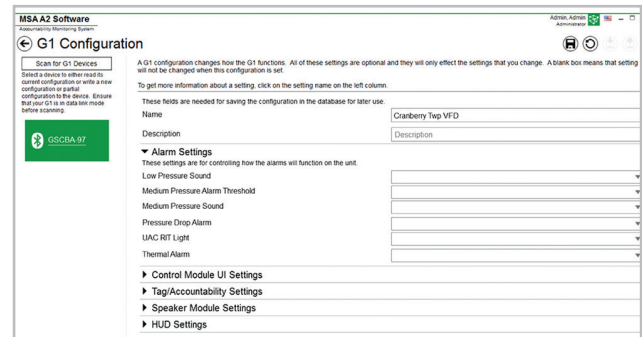
Creating tags allows you to customize the MSA G1 SCBA to your needs and track the location of each component. Incident event logs include:

- Date
- Time
- Duration
- Incident number
- Dispatch center number
- Firefighter name
- Firefighter team
- PASS device serial number
- Time firefighter went on-air
- Any event recorded; pressure remaining when event occurred

Configuration

Configure the MSA G1 SCBA to meet your needs. MSA A2 Software provides the ability to adjust:

- Alarm settings
- Control module settings
- Accountability settings
- Speaker module settings
- HUD settings

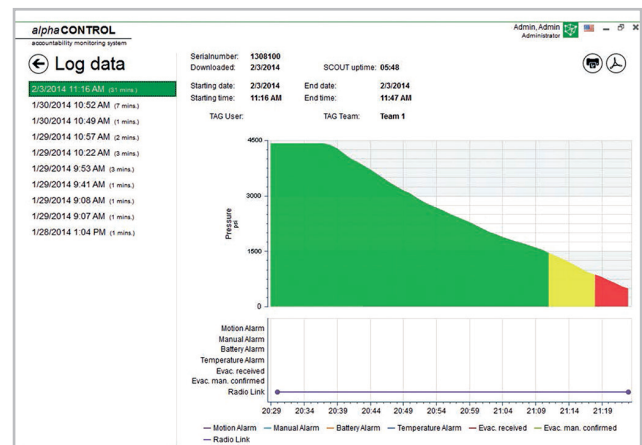


Data Storage and Retrieval

The MSA G1 SCBA stores 25 hours-of-use data; MSA A2 Software unlocks the power of this data. Use MSA A2 Software to view:

- Date of incident
- Duration
- Air used
- Alarm status
- And more

MSA built the G1 SCBA to set the bar and drive the future of firefighting; MSA A2 Software is a critical component in fulfilling this goal. For the first time, an SCBA can be updated with the latest software and firmware while in the field. Using MSA A2 Software to deliver these updates to the G1 SCBA through integrated Bluetooth technology allows MSA to provide you with the latest technological advancements in real time.



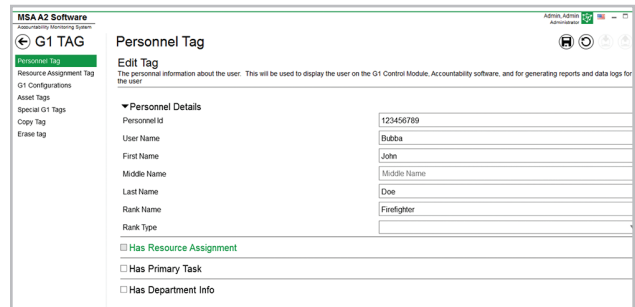
Tag Creation

Creating tags allows you to customize the MSA G1 SCBA to meet your needs and track the location of each component.

Personnel Tags

Personnel tags hold information about the user. This information will be displayed on the G1 Control Module, MSA A2 Monitoring Software and reports.

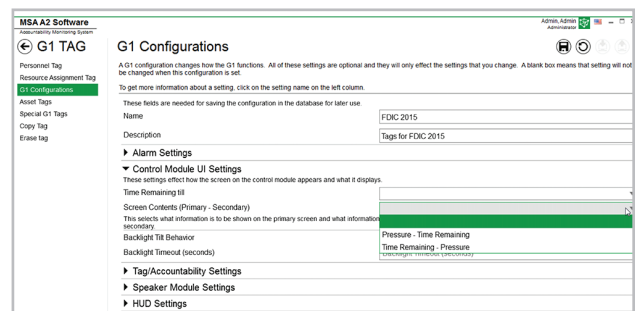
- ID
- User name
- Rank
- Type



Configuration Tags

Provides the ability to adjust the MSA G1 SCBA to function as required by your SOP.

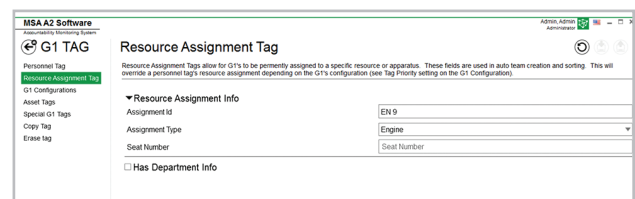
- Alarm setting
- User settings
- HUD settings
- Speaker module settings
- Accountability settings



Resource Tags

Can be used to permanently assign your MSA G1 SCBA to a specific resource or apparatus.

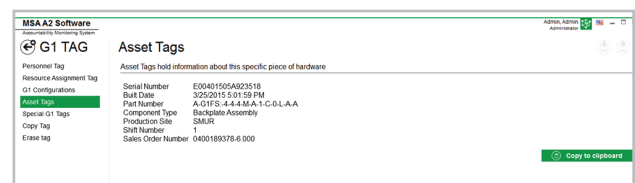
- Assignment ID
- Assignment type
- Seat number



Asset Tags

Asset tags hold information about a specific piece of hardware.

- Facepiece
- Regulator
- Backplate
- Control module
- Power module
- G1 SCBA cylinders



MSA A2 Monitoring Software

MSA Monitoring System Components

Base Station Kit and HUB Kit:

- Communicates with PASS device to provide personnel data to incident command.

Personnel or Team Tag:

- Stores firefighter, SCBA, truck, and/or team names, allowing incident command to quickly assign individual firefighters or teams to appropriate positions or tasks.
- Assigns ID information for data logging.

G1 SCBA Configuration Tags:

- Allows users to quickly and easily change default settings of their G1 SCBA to their SOP.

G1 SCBA RFID Reader/Writer:

- Programs personnel ID / team tags.
- Programs configuration tags.
- Programs special tags.
- Read RFID asset tags on G1 SCBA.

G1 Power Module:

- Long-range radio (LRR-optional) transmits/receives:
 - Firefighter name / team name.
 - Cylinder pressure.
 - Alarms status.
 - Battery status.
 - Evacuation signals.
- Bluetooth radio for data logging, configuration and wireless updates.
- RFID reader for tagging.

MSA A2 Monitoring Software Ordering Information

Part Number	Description
10197700	MSA HUB Fire Service (US)
10197723	MSA HUB Fire Service Standard (US)
10201790-SP	Wall power supply
10204998-SP	Power cable for car installation (82 ft. / 25 m)
10201801-SP	Multi antenna with antenna cable for car installation (9.8 ft. / 3m)
10201944-SP	LRR antenna for car installation
10205446-SP	Antenna cable for LRR antenna (10 ft. / 3m)
10202199-SP	Industrial power supply

Part Number	Description
10203365-SP	Power cable DC (82 ft. / 25 m)
10195720-SP	Power cable AC US (16 ft. / 5 m)
10202198-SP	LRR antenna (US)
10195741-SP	Ethernet kit (Fire Service Standard)
10195743-SP	Ethernet Cable, 66 ft. / 20 m (Fire Service)
10195747-SP	Ethernet Cable, 16 ft. / 5 m (Fire Service)
10203364	Wall brackets (all)
10158407	Kit, RFID Reader/Writer,G1
10083875	ID tags

To download the latest A2 Software please visit <http://us.msasafety.com/productSoftwareDownloads>

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.

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