Safety at the Speed of Now
Wireless Gas Detection

MSA
The Safety Company

*Because every life has a **purpose…***

MSA gas detectors are defined by durability, powered by XCell® Sensor technology and are proven to be the most reliable, cost-effective gas detection platform worldwide. For more than 100 years, MSA has been trusted to deliver dependable safety equipment. You can be sure that MSA's wireless gas detection gets it right with flexible solutions to meet your unique gas detection, safety and program management needs.

MSA's integrated Bluetooth connectivity enables scalable solutions that eliminate the need for costly investments in wireless infrastructure. Your MSA solution can grow with your needs, from simple instrument notifications and data solutions to full gas detection integration with other investments in worker and plant safety. Android-based, Bluetooth connectivity is the basis for these solutions. In addition, MSA has partnered with industry leaders that develop intrinsically safe smartphone products to meet your custom needs and to lower your total cost of ownership while driving productivity.

Safety • Awareness • Immediate Results

Now an MSA gas detector can turn any Android device into a valuable safety and productivity tool. Simply download the free MSA ALTAIR Connect app, available from GooglePlay. Instantly access real-time data, automatic record keeping, and field worker tracking.

• Send notifications of gas alarms, overdue bump and calibrations and man-down alarms.
• Notification via SMS to multiple recipients.
• Configure instruments remotely.
• View calibration certificates.
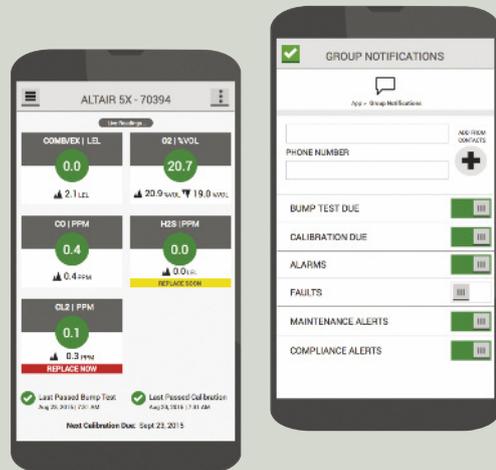
A Faster Responder

Equip your workers with confidence when emergency events occur. Bluetooth integration links gas readings to MSA's latest generation SCBA, the G1, for seamless incorporation into the exclusive A2 Accountability System*. Wirelessly delivered, real-time data empowers incident responders to make informed decisions about firefighter safety and health.

* When available

Instant Lifeline to the Lone Worker

In a constrained physical space, a single worker may have to function unattended. Small teams can be isolated in the field. Now, they never have to be alone again. Gas alarms notify supervisors and first responders in an instant. For convenience, MSA has partnered with Sonim® Protect and their line of intrinsically safe cellphones and smartphones with the following:
• Intrinsically safe cellphone and smartphone integration.
• Access to Sonim Protect monitoring services.*
• Turnkey solutions.
• Smartphone with voice/text with data pass through.
• Event notification via text to designated recipients.

* Subscription service AT&T and Bell Mobility Canada.

Flexible Solutions for the Smart Worker

Fully scalable solutions for gas detector alarms and data that can integrate with existing control room solutions are now a reality. Working with key technology partners and system integrators, both turnkey and custom implementations can be provided to drive improved safety programs, greater productivity and greater workflow efficiency for:
• Gas detector and man-down alarms.
• Automated task assignment and data collection.
• Location and event mapping.
• Remote monitoring of audio alarms.
• Data and video streaming.
• Your customized needs.

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Wireless Specifications

Experience the best platforms for commercial wireless use: short-range radio communication with Bluetooth Classic, compatible with Android-based mobile devices. MSA is an associate member of the Bluetooth Special Interest Group (BSIG) with certification to the BSIG manufacturer qualification program. All MSA gas detectors with Bluetooth capability meet the following specifications:

• Simple device pairing in less than 15 seconds.
• Out-of-band (a.k.a. Bump) pairing in less than 1 second.
• Instrument will only allow a single Bluetooth connection at a time to ensure data integrity and pairing security.
• Will automatically connect to last paired host device.
• Discoverable automatically after initial instrument power-on.
• Following radio link loss, mobile device automatically reconnects.

Wireless Solutions from MSA

	MSA ALTAIR Connect App	First Responder Integration	Lone Worker	Smart Worker
	Google play (Android)	MSA G1 SCBA	sonim	BCOM SOLUTIONS
Gas Alarms	□ + SMS	■	■	■
Gas Readings	□	■	■	■
Man-down Alerts	□ + SMS	■	■	■
Instrument Settings & Configuration	□			
Supervisory Awareness of Safety	■	■	■	■
Enhanced Productivity	■	■	■	■
Workflow Efficiency	■		■	■
Voice/Text	○		■	■
Data Pass-through		■	■	■
Location	○		■	■
Video				■
Incident Command		■	■	■
Respiratory Integration		■		
Accountability		■	■	■
Engineered Solutions				■
Global Availability		Approved or Pending Approvals		
North America	■	■	■	■
South America	■	■		■
Middle East	■	■		■
Western Europe	■	■	■	■
Eastern Europe	■	■		■
China	■	■		
Southeast Asia	■	■		

□ Short range   ○ Device dependent

System Developers

The possibilities for enhanced safety solutions using MSA's gas detectors with Bluetooth are almost endless. MSA encourages wireless solutions developers and integrators to contact us to meet the safety needs of your customers.

Contact MSA at wirelesssolutions@MSAsafety.com.

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