

# SAFECONNECT™ BELT-BRIDGE with SIRIUS® WIRELESS INTERFACE and SAFECONFIG™ SOFTWARE







Advanced Threat Detection. Superior Protection. Portability. Now, Repeater Expandability from MSA.

The SAFECONNECT™ Belt-Bridge works with the Sirius Detector for integration into the MSA SAFESITE® Multi-Threat Detection System. These new system components offer up to two miles of wireless

communication plus an updated Graphical User Interface (GUI) which provides all mission-critical information in one uncomplicated format.

### SAFECONNECT Belt-Bridge

- ➔ Interfaces wirelessly to existing Sirius Multigas PID Detector
- ➔ Provides GPS location tracking in real time

#### Components Work Together



The Sirius Wireless Interface features an IR link which gathers the information from the Sirius Multigas Detector (PID, CO, H<sub>2</sub>S, O<sub>2</sub> and combustible gases) and then sends the information to the SAFECONNECT Belt-Bridge via Bluetooth technology.



The SAFECONNECT Belt-Bridge converts the signal from the Sirius and transmits the information plus GPS location back to the SAFECOM Command Center via a 1 watt, spread spectrum, frequency hopping, 900 MHz radio



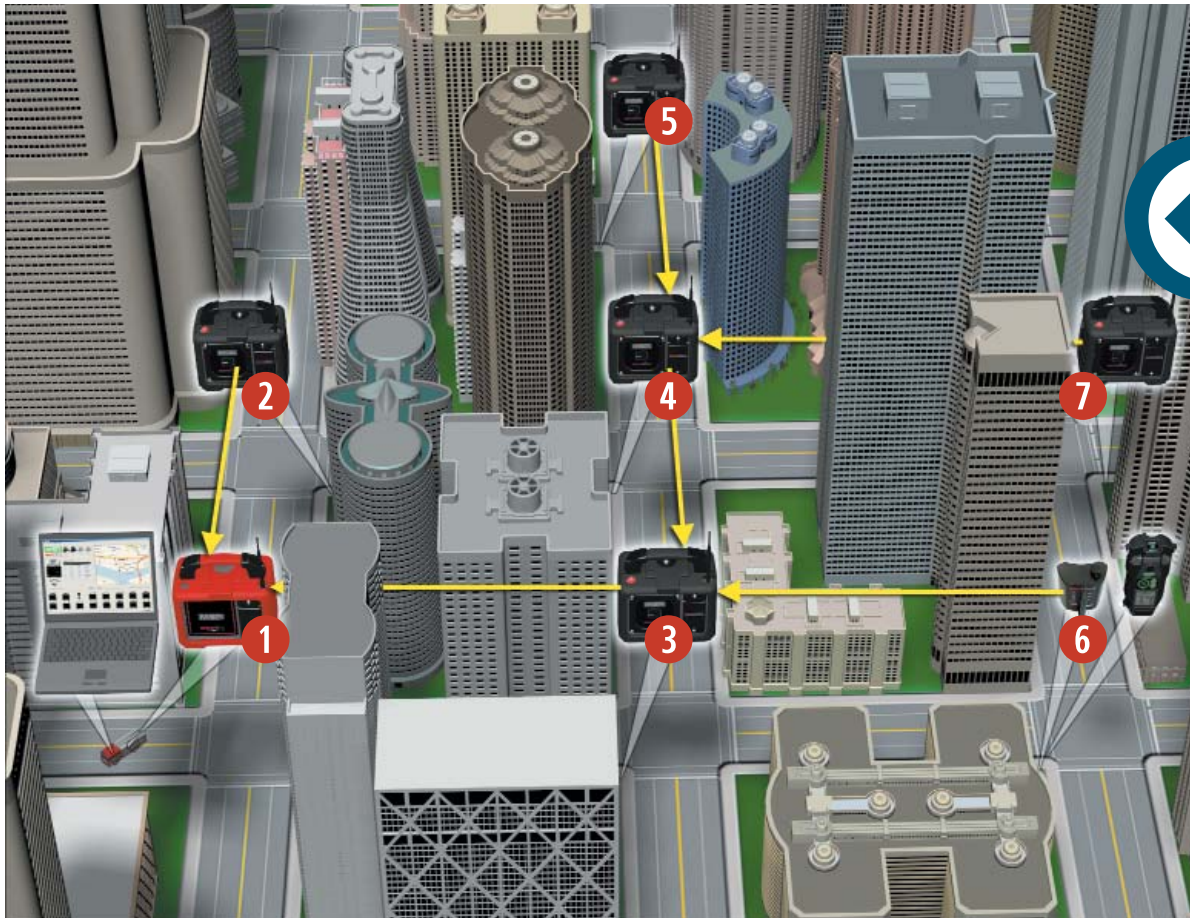
The SAFECOM Command Center receives the 900 MHz signal from the SAFECONNECT Belt-Bridge and converts it to practical information for rapid decision making. The SAFESITE System can display simultaneous information from the SAFEMTX™ Detectors and the Sirius Multigas Detector for complete coverage.

All of these components are designed for integration with MSA's SAFESITE System, combining state-of-the-art detection technologies. The SAFESITE System provides superior preventative and counter-measure solutions for homeland

security and emergency response personnel, public events, building protection, perimeter monitoring, hazardous response, port surveillance and confined space monitoring.

## SAFECONFIG Software

- Configures SAFEMTX™ Detectors or SAFECONNECT Belt-Bridges as repeaters\*, ensuring maximum signal strength
- Modifies system assignment of SAFEMTX Detectors
- Greatly expands detection distance of SAFESITE System



**SAFECITY**

This illustration demonstrates the benefits of the SAFESITE System with repeater capability.

- 1 SAFECOM Command Center receives and displays complete information from all detectors.
- 2 SAFEMTX Detector communicates directly to SAFECOM.
- 3 SAFEMTX Detector configured as Repeater #1, communicates directly to SAFECOM.
- 4 SAFECONNECT Belt-Bridge configured as Repeater #2, transmits through Repeater #1, then to SAFECOM.
- 5 SAFEMTX Detector communicates to SAFECOM through Repeater #2, then Repeater #1.
- 6 Sirius Wireless Interface with SAFECONNECT Belt-Bridge communicates to SAFECOM through Repeater #1.
- 7 SAFEMTX Detector communicates to SAFECOM through Repeater #2, then Repeater #1.

*\*Repeater function with MTX does not eliminate units ability to monitor the environment.*

The SAFECONFIG works in conjunction with the SAFECOM Command Center of the SAFESITE System. The SAFECONFIG Software enables the user to reconfigure SAFEMTX instruments as repeaters, giving the user maximum flexibility in the deployment of the SAFESITE System.



### Specifications: SAFECONNECT™ Belt-Bridge

<b>Size</b>	6.5"x4.5"x2.5"
<b>Weight</b>	1.2 lbs
<b>Ingress Protection Rating</b>	IP54
<b>Temperature</b>	-20 to +50C (-4 to +122F)
<b>Humidity</b>	Operating humidity range 0-95% RH, non-condensing
<b>Wireless Interface</b>	902 - 928 MHz, 1 watt, spread spectrum, frequency-hopping radio
<b>Communication Range</b>	2 miles line-of-site back to command station
<b>GPS Location</b>	Standard
<b>Battery Type</b>	4 AA NiMH rechargeable or alkaline batteries
<b>Battery Charge Time</b>	15 minutes
<b>Battery Runtime</b>	12 hours nominal
<b>Warranty</b>	One year parts and labor standard

### Specifications: Sirius® Wireless Interface

<b>Size</b>	3.5"x2.1"x1.0"
<b>Weight</b>	0.15 lbs
<b>Ingress Protection Rating</b>	IP54
<b>Temperature</b>	-20 to +50C (-4 to +122F)
<b>Humidity</b>	Operating humidity range 0-95% RH, non-condensing
<b>Wireless interface</b>	Bluetooth technology
<b>Communication Range</b>	6 feet to SAFECONNECT Belt-Bridge
<b>Battery Type</b>	CR2477 1000mAH replaceable coin cell
<b>Battery Runtime</b>	18 months (50 hours per week operation)
<b>Warranty</b>	One year parts and labor standard

### Ordering Information

<b>Part Number</b>	<b>Description</b>
10071439	SAFECONNECT Belt-Bridge Assembly
10073837	Sirius Wireless Kit, includes extended boot and wireless module
10073312	SAFECONFIG Installation Software



The SAFECONNECT Belt-Bridge can be worn over the shoulder for convenient hands-free operation.

**Note:** This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



ID 07-2124-MC / July 2006  
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