



CONNECTED SAFETY TECHNOLOGY COMPARISON

A world-class safety monitoring program requires a world-class vendor. Blackline Safety's G7x was designed from the ground up to address every facet of your safety program. Should a gas leak, injury or health event occur, G7x confidently informs live responders of everyone's well-being and whereabouts in real-time.



G7x with Quad-gas cartridge



G7 Bridge 3G and satellite uplink

G7x vs. Trakopolis + MicroRAE

Comparison Criteria	Blackline G7x	Trakopolis
Turn-key, single-vendor solution	●	
Single and multi-gas detection	●	●
Future-proof, expandable modular design	●	
Integrated 3G and satellite connectivity	●	●
Scheduled automatic check-ins	●	●
Automated no-motion and fall detection	●	
Two-way messaging	●	●
Vendor-supplied 24/7 live safety monitoring service	●	
Cloud-hosted monitoring portal	●	◐
Real-time gas detection compliance dashboard	●	
Real-time custom usage reporting	●	
Over-the-air device firmware updates and configuration changes	●	
Doesn't require additional software installation	●	
Radio link between user and vehicle or facility	●	◐
Employee and vehicle location technology	●	◐
Plug-and-play indoor location technology	●	
Custom floor and site plans	●	
Evacuation management	●	
Lease program available	●	

Why it matters

- We design, manufacture and provide service for G7x in-house at Blackline
- Select from a range of gas sensors and configurations. Blackline delivers gas sensors free of charge with an active cartridge service plan.
- With G7c's customizable gas sensor cartridges, gas detection coverage and sensor types can be changed and scaled up or down as your needs change
- G7x seamlessly transitions to satellite connectivity when working beyond cellular coverage for true last-mile safety monitoring, in even the most remote locations
- The check-in process for G7x functions as a fail-safe — should an event fail to trigger fall or no-motion, help will still be called when your employee fails to check-in
- The sensitivity of fall and no-motion detection can be tailored to suit your work environment in your Blackline Live portal
- Enables monitoring personnel to communicate with employees directly
- Our in-house Safety Operations Center is staffed 24/7 with professionally trained personnel. 99.5% of alerts are responded to in less than one minute.
- Our Blackline Live monitoring portal equips you with leading alert management tools and comprehensive configuration management of fielded devices. No installation required.
- Allows you to view the real time compliance of fielded devices in your Blackline Live portal, and to take immediate corrective action should a device go out of compliance
- Monitor your equipment to ensure usage according to guidelines
- Wireless updates mean your G7x is always using the latest firmware updates
- Our cloud-hosted web portal doesn't require installation or downloading and can be accessed from anywhere on an internet-connected device
- G7x leverages G7 Bridge to connect to cellular and satellite networks. G7x and Bridge are connected with a 900 MHz radio link — instead of Wi-Fi — with a range of up to 2 km
- G7x allows you to view the real-time location and safety status of employees in the field on a live map — even when working indoors
- In areas where GPS may be inaccurate or unavailable, our indoor Location Beacons transmit accurate positioning signals
- Upload custom plans of your facility or site. Plans are overlaid on the Blackline Live map, so you can view the safety status of all employees in context of their surroundings
- Using Blackline Live, monitoring personnel can trigger an evacuation and monitor the real-time progress and safety status of workers on their way to muster points
- No upfront costs and can be recorded as an operations expense