blacklinesafety

INTRINSICALLY SAFE

LOCATION BEACON

RESPOND TO INDOOR INCIDENTS WITH PRECISION

Precise positioning empowers emergency response
In certain facilities, GPS signals alone may not provide sufficient positioning precision to locate employees during an emergency response. In such circumstances, every second counts and time wasted searching for someone could mean the difference between rescue and recovery.

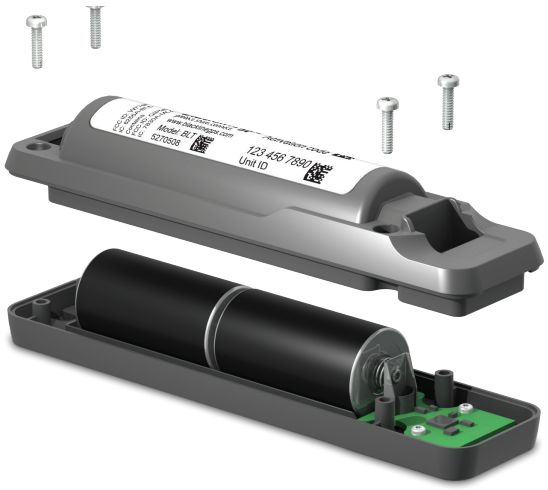
Blackline Safety addresses this challenge through introduction of our location beacons—compact, wireless positioning transmitters. Installed throughout facilities, each beacon is installed where employees operate, from one per floor to one per room depending on your facility needs. Beacons are then placed on your custom floor plan so you always know exactly where your people are. The affordable beacons are self-powered and wireless, taking only minutes to install without any calibration or triangulation.

Each beacon broadcasts a unique identity number that is received by Blackline Safety's monitoring devices, including G7c and Loner M6. When personnel are within proximity of beacons, monitoring devices store the nearby beacon identities and reports their location to Blackline Live.

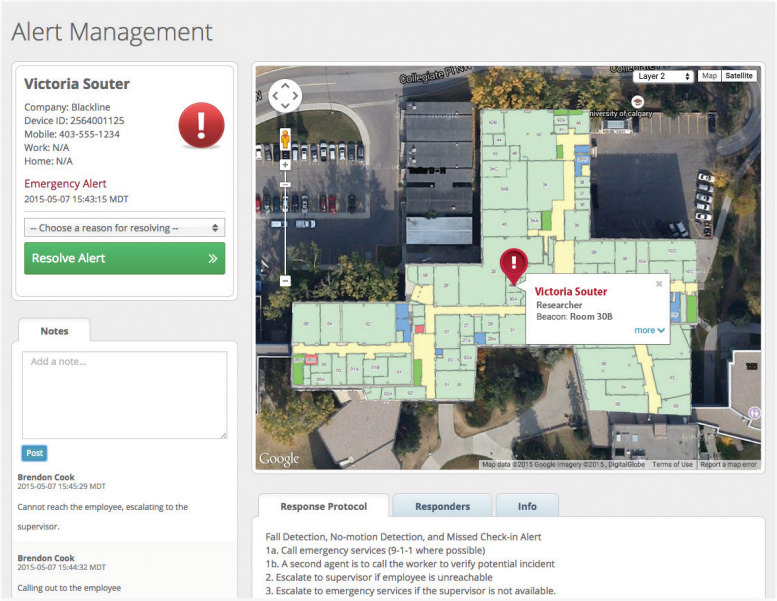
Protect the safety of your workforce with Loner Beacon indoor location technology.

Features

- Intrinsically safe
- Precise location technology
- Floor plans and location names
- Long battery life
- IP65 sealed
- Easy setup
- Compact design



Easy Loner Beacon Battery Replacement



Custom floor and site plans are overlaid on top of the interactive Google map

DETAILED SPECIFICATION

Size & Weight
Size: 161 mm H x 40 mm W x 32 mm D (6.4" x 1.6" x 1.3")
Weight: 210 g (7.4 oz)

Mounting
Mounting bracket included
Mounting methods: screws, tie straps, adhesive
Mounting options: walls, wall corners, poles, etc.

Buttons & Indicator Lights
Single button for powering on/off plus configuration
Green LED for power indication and configuration
Red LED for low battery indication

Wireless Communication
Indoor positioning radio: 2.4 GHz to supported Loner safety monitoring devices

Location Technology
Low-power continuous beacon signal enables Loner safety monitoring device proximity detection

Beacon Signal Range
Four configurable signal range levels between 4.5 m and 36 m (15 ft and 120 ft) line of sight (less range when obstructed)

Notification Messages
Low Battery communicated by Loner safety monitoring devices

Power & Battery
Batteries: two C-cell alkaline (included)
Battery life: 5 years continuous operation at highest power setting, no wiring required

Environmental
Storage temperature: -40 to 65° C (-40 to 149° F)
Operating temperature: -20 to 55° C (-4 to 131° F)
Ingress Protection: IP65

Regulatory Compliance
Class I, Div 1, Groups A-D, T4
ATEX: II 1G, Ex ia IIC T4 Ga
IECEx: Ex ia IIC T4 Ga
RoHS
FCC ID: W77BCN
IC: 8255A-BCN

Device Requirements
Loner Portal user account with activated, compatible Loner safety monitoring devices

Warranty
One year limited factory warranty

Wireless Coverage and Activated Service Plans
2.4 GHz operation regions: global
Service plan options: no service plan required

Blackline Live Web Application
Features Include: Beacon map editor, alarm banner, event history, device location mapping, device management, alert & notification settings and more
Comprehensive safety alert life cycle management: includes alert configuration profiles, safety protocol, and emergency contacts

All specifications subject to change without notice.
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