

## TURN A SMARTPHONE INTO A SAFETY MONITORING PLATFORM

Employees often work alone or interact with members of the public and require a simple, non-intrusive solution to monitor their safety. Blackline's Loner® Mobile smartphone app was designed specifically to meet these needs. It fits into an employee's routine, easily replacing productivity-draining check-in and journey management procedures.

**More than just an app** — unlike some competitor apps that call a buddy list, Loner Mobile directly alerts monitoring personnel via the Blackline Safety Network to make a difference with an empowered emergency response to the employee's exact location. A configurable check-in timer confirms the employee's ongoing well-being — if the user fails to check-in, Loner Mobile alerts monitoring personnel armed to respond with your tailored emergency response protocol.

Prior to entering a site, building or client's home, users can send location-based notes to Blackline's monitoring infrastructure, providing valuable context regarding their location, activities and associated risk level.

Loner Mobile works with the Blackline Live web portal, for remote management of all of Blackline's safety solutions. Blackline Live makes it easy to manage numerous teams with customized device profiles, over-the-air configurations and updates, and a comprehensive safety alert management tool-set. Alerts can be configured for automatic two-way voice calling to dedicated monitoring personnel.

**Wearable enhancements** — optional Loner Duo and SOS Button accessories are wearable technologies that provide a critical physical interface for Loner Mobile. Featuring Bluetooth® wireless communications, Loner Duo and SOS Button maintain a communication link with Loner Mobile, automating the process of monitoring employee safety. They provide a physical link to monitoring personnel, enabling the employee to instantly request help with the pull of an emergency SOS latch or push of an SOS button, even if the smartphone is not within arm's reach.

### Features



Two-way voice



24/7 live monitoring



Automated check-ins



Custom notes



Emergency alerting



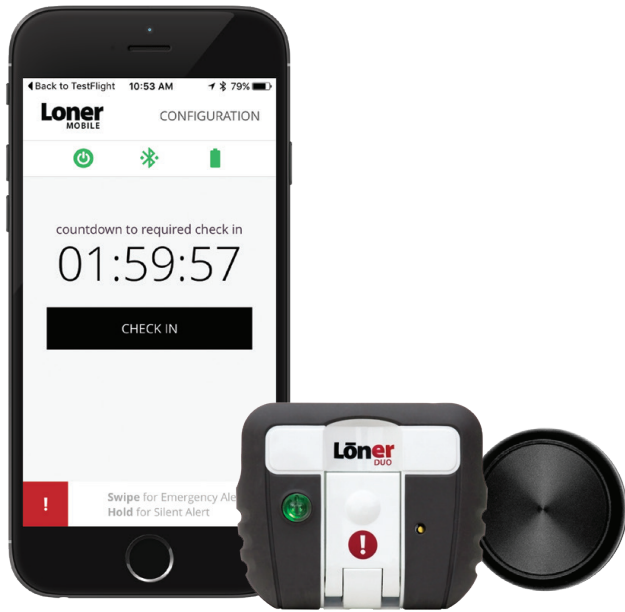
Location technologies



Blackline Live portal



Wearable accessories



Loner Mobile and optional Loner Duo and SOS Button Bluetooth accessories

## Highlights

- Improves safety awareness of workers in the field
- Quickly mobilize an emergency response by mapping real-time worker locations in the Blackline Live portal
- Real-time safety alerting
- Achieves regulatory compliance as required in some regions
- Increases worker confidence
- Customizable location publishing provides a historical context of worker locations
- Easy training for workers and supervisors
- Common user experience across iPhone, Android and BlackBerry devices
- Over-the-air app download, installation and activation
- Affordable deployments
- Improves safety at a lower cost than traditional call-in systems
- Cost-effective alternative to phone-in journey management services
- Web-hosted Blackline Live portal user account — no software to install
- Blackline Live's background services alert monitoring personnel even when the portal is not open
- Email and text message safety alerting to supervisors and managers
- Optional 24/7 dedicated monitoring personnel deliver leading safety monitoring and emergency response management
- Customizable Blackline Live accounts
- Manage configuration of all Loner solutions in Blackline Live — updates are performed wirelessly, over-the-air
- Optional Loner Duo and SOS Button accessories provide a critical interface for Loner Mobile

## Specifications

### Smartphone Compatibility

iPhone: iOS 8.0.1+  
Android: 4+  
BlackBerry: OS 10+

### Safety Monitoring Features

Emergency alert: slider control within application | Worker check-in: configurable check-in period (1 – 180 min) | Automatic check-in on GPS speed (configurable above 20 km/h)

### Additional Features via Optional Loner Duo Accessory

SOS Latch: open latch to trigger alert | Silent SOS: press & hold acknowledge button to trigger alert | No-motion detection using internal accelerometer

### Additional Features via Optional SOS Button

SOS Alert: easily trigger an alert by pushing the button | Connection status: red and green lights clearly indicate connection status | Can be worn as a pendant, like a wrist watch or with a clothing clip (pants pocket, belt, shirt placket or pocket)

### Two-way Voice Calling

Upon triggering of an SOS Alert, Loner Mobile automatically phones a specified number

### Employee check-ins

Check in upon Loner Mobile request or early with a press of a button (Loner Duo or SOS Button). Early check-ins with Loner Duo and SOS button do not require unlocking the smartphone.

### Notes

Optional check-in note: pre-defined or custom note, includes employee location

### User Notification

Indicators: alarm, sound and vibration notifications

### Location Technology

GPS accuracy: ~5 m (16 ft) outdoors  
Wi-Fi accuracy: ~25 m (82 ft)  
Mobile network accuracy: ~1500 m (4900 ft)

### Mobile Messaging Methods

Email, text message (SMS)

### Alert Messages

SOS Alert, Missed Check-in, Low Battery, Power Off

### Location Publishing

Periodic automatic location reporting: 1 – 60 minutes | Hybrid of: GPS, Wi-Fi and mobile network tower ID

### Compliance

BS 8484 compliant

### Device Requirements

Installation on compatible smartphone, activation within Blackline Live, service plan, GPS or Wi-Fi coverage for locating, cellular communications

### Wireless Coverage and Activated Service Plans

Wireless coverage: Depends on wireless carrier

### Blackline Live Web Application

Features Include: Alarm banner, event history, device location mapping, device management, alert & notification settings and more | Comprehensive safety alert lifecycle management: includes alert configuration profiles, safety protocol, and emergency contacts

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