

Atlas SOS

Atlas SOS is an emergency alerting app for Android & iPhone smartphones with both SOS and True Man Down alarm activation.

SOS/Emergency facilities can be easily accessed from an on-screen button, widget*, power button press sequence*, dedicated SOS button on a wide range of devices and via the external SOS keyfob accessory.

True Man Down detection is based on the angle of the wearer and/or movement. Should the user be beyond the normal operating angle (normally 30° and configurable) the device will vibrate and/or sound a pre-alarm warning. If no movement is also chosen and the wearer is still moving the pre-alarm warning will be reset and the lone worker will be determined to be okay.

TPA (Time Personal Alert) check-in feature allows users to activate timers, which if expire, automatically generate an alert. Users can add notes and a GPS location to a TPA which will be provided automatically to responders if the TPA expires. User can easily set the expiry time or use the quick set buttons for 15, 30, 60 and 120 minutes. Timers can also be extended or restarted easily. Up to 4 local reminders are provided and up to 4 reminder SMS messages can also be delivered by the Aspect Link system.

Positioning of a lone worker is via GPS/GNSS and/or WiFi* and Beacon giving both outdoor and indoor location services.

Alerts can be delivered from the smartphone to the alarm management system via GSM, 3G, 4G and/or WiFi giving users the best available coverage.

To provide the greatest reliability Atlas SOS will automatically try alert delivery via a data connection and fall back to SMS if data is unavailable. Further resilience is provide by Atlas SOS making an automatic voice call to the monitoring system and placing the smartphone in speaker-phone mode.

Atlas SOS is simple use and no data connection is needed to send an alert. The screen can be locked with a pin code and manual activation and man down activation can still be used.

*Not all features available on iPhone

Overview

- Easy SOS activation - On screen SOS button & Power Button multi-press*
- True Man Down detection with pre-warning
- TPA (Timed Personal Alert) Check-in timers
- GPS /GNSS Positioning for use outdoors
- WiFi* & Beacon for Indoor positioning
- Widget for easy access to common user controls*
- Status reporting
- Signal Monitoring*
- Over The Air (OTA) configuration



SOS BUTTON



TRUE MAN DOWN



WiFi/BEACON



GPS/SATELLITE



AUTOMATIC CALL TO RESPONDERS



EMERGENCY CALL BACK



SIGNAL MONITORING



STATUS REPORTING

Features

Alert Activation

On-Screen, Physical & Power button multi-press*
Man Down detection with pre-warning
Amber/Yellow Alert Voice call simple activation*
TPA Check-in Timer Expiry

GPS Positioning

Configurable GPS update intervals*
Configurable GPS Fix timeout*
GPS/GNSS Position transmission on alert activation
Operates seamlessly with Aspect Link

Indoor Positioning

Position users based on Beacons or WiFi Access Points*
VitLink Data Protocol (©Isle Systems)
Operates seamlessly with Aspect Link

Configuration & Status

Over The Air (OTA) configuration
Direct configuration access protected by PIN
Lockable user controls
Signal status with user warning*

Alert Transmission

SMS Text alerts*
Voice call alerts
Alert transmission over WiFi/GPRS/3G/4G/5G
Automatic fall-back to SMS if data is unavailable*

Alert Actions

SMS Alert text messages with automatic retry*
Voice Call a preset number with automatic retry*
Auto call back with speaker phone when in alert mode*

Status Reports

Lone Working, Home Working & Man Down detection status
Smartphone battery level
Mobile/Cell signal level*
WiFi signal level*
Charging status
OS version

Outdoor Location History

Can be permanently disabled by Isle Systems to facilitate workforce acceptance

Delivered over GPRS/3G/4G/5G or WiFi
Caching of data for later delivery
Configurable update intervals

Indoor Location History

Can be permanently disabled by Isle Systems to facilitate workforce acceptance

Position based on Beacons and/or WiFi AP*
Delivered over GPRS/3G/4G or WiFi connection
Caching of data for later delivery
Configurable update intervals



MAN DOWN DETECTION



STAY INFORMED
FROM ANYWHERE...
...ANYTIME

OPTIONAL ACCESSORY*



*Some features may not be available on iPhone