

Atlas SOS is an emergency alerting app for Android based smartphones with both SOS and 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 the Ecom/Sonim, Atlas Mx1, Atlas MX2 devices and via the external SOS keyfob accessory, Atlas SOSone.

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.

Positioning of a lone worker is via GPS 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.



SOS BUTTON



MAN DOWN



WiFi/BEACON



GPS/SATELLITE



AUTOMATIC CALL TO RESPONDERS



EMERGENCY CALL BACK



SIGNAL MONITORING



STATUS REPORTING

Overview

- Easy SOS activation
- Man Down detection with pre-warning
- GPS 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

Features

Alert Activation

On-Screen & Physical
Man Down detection with pre-warning
Amber/Yellow Alert Voice call simple activation

GPS Positioning

Configurable GPS update intervals
Configurable GPS Fix timeout
GPS Position transmission on alert activation
Output is in NMEA RMC format for easy integration
Operates seamlessly with VitLink PPS

WiFi Positioning

Position users based on WiFi Access Points
VitLink WiFi Data Protocol (©Isle Systems)
Operates seamlessly with VitLink PPS

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 if available
Automatic fall-back to SMS if data is unavailable

Alert Actions

Up to 2 SMS Alert text messages are sent.
Voice Call a preset number
Retries SMS and Voice calls automatically
Auto call back with speaker phone when in alert mode

Status Reports

App (Smartphone) Start
Low Smartphone Battery
Charger Connected / Disconnected
Lone Working Activated / Deactivated
All Status reports include GSM Signal Level, Phone Battery Level, **Atlas SOSone** Battery Level, Lone Worker On/Off and Man Down On/Off.

GPS Tracking (Option)

Can be permanently disabled by Isle Systems to facilitate workforce acceptance

Delivered over GPRS/3G/4G or WiFi connection
Caching of data for delivery when server is available
Configurable update intervals
Selectable Isle Systems Protocol or TK103 Protocol

WiFi AP Tracking

Can be permanently disabled by Isle Systems to facilitate workforce acceptance

Position based on up to 10 WiFi access points
Delivered over GPRS/3G/4G or WiFi connection
Caching of data for delivery when server is available
Configurable update intervals



Android Widget



Optional Accessories

