

# Lone Worker Monitoring



For many organisations with a mobile workforce, monitoring the safety and whereabouts of individual workers in isolated, remote or potentially unsafe locations can be both a difficult and expensive task.

Steanne Solutions Lone Worker Monitoring system now enables your mobile workforce to be monitored in a very simple and cost effective manner using a Windows Mobile device.



This web-based management system will automatically perform the previously time-consuming and costly task of tracking lone workers on a regular basis.

Using Multimap™ web-based mapping, the Lone Worker Monitoring System offers nationwide location-tracking and can be utilised to monitor any number of users. The location of all active users or each individual lone worker may be viewed in either a map or aerial photo format.

Handheld	NextPoll	LastResponse	Status
BARRY	16:06	14:07	Send to PDA
Stuart	16:06	17:31	Send to PDA
Kelly	16:06	16:06	OK
Tom	16:06	16:06	Send to PDA
IAN	16:06	11:37	OK
OLIVER	16:00	17:30	No PDA Response Ring Inspector

The screenshot shows a web browser window with a map of Birmingham and a data table. Callouts point to 'Lone worker locations' on the map, 'Aerial photo zoom to location' on the map, and 'Current status' on the table row for OLIVER.

If no response is received or in the event of any break in communications, the administrator is immediately notified by both a visual and audible warning, enabling the appropriate action to be taken.

As an additional safety feature, a “one touch” PANIC alert facility is included, prompting an immediate response if required.

The Lone Worker Monitoring system may be used either independently or in conjunction with other Steanne GeoWorks and GeoGrad products.



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## Lone Worker Monitoring system specifications

### Management System Features

- Simultaneous display of map and status of active lone workers
- Ability to zoom in to lone worker locations in either map or aerial photo format
- Response times and current status displayed for each active lone worker
- Easy addition or alteration of lone worker details in active workers list
- Ability to set required daily working times and response intervals

Lone Working Times				
Day	Start Time	End Time	Interval	Working
Monday	09:00	17:00	10	<input type="checkbox"/>
Tuesday	09:00	17:00	10	<input type="checkbox"/>
Wednesday	09:00	18:00	10	<input checked="" type="checkbox"/>
Thursday	11:00	15:00	10	<input checked="" type="checkbox"/>
Friday	09:00	17:00	10	<input checked="" type="checkbox"/>
Saturday	09:00	17:00	10	<input checked="" type="checkbox"/>
Sunday	09:00	17:00	10	<input checked="" type="checkbox"/>

### Management Reports

Full event history audit for each lone worker, including:-

- All responses requested and received
- All acknowledgements to automatic or phone messages
- Any failures to respond
- Any occasions where the PANIC alarm was used

Report:	
Times	Event
11:23	Send to PDA
11:23	OK
11:25	No PDA Response
11:28	No PDA Response Ring Inspector
11:31	OK
11:31	Received by PDA
11:33	No Acknowledgment
11:34	OK
11:34	Acknowledgment
11:36	Send to PDA
11:36	OK
11:37	Acknowledgment
11:37	Received by PDA
11:37	OK
11:37	OK
11:39	OK
11:39	Send to PDA

### Mobile System Features

- PIN input for acknowledging automated response requests
- PANIC alarm facility with protection from accidental activation
- Ability to set On Call, Finish Shift and Unavailable (including time and reason) options
- Built-in GPS support for NMEA-0183 devices
- Full integration with Steanne GeoMobileMessaging

### Software Specification

- ASP.NET Web Application
- SOAP Message Interface to Mobile Devices
- Multimap™ map support (acceptance of Multimap™ API terms and conditions of use required)
- e-Gif compliant architecture
- GPRS, 3.5G, and EDGE support

### Minimum System Requirements

#### Management System

- SQL Server 2000 or SQL Express database
- Internet enabled PC
- Internet browser based user interface (Microsoft™ Internet Explorer 6/7) or equivalent

#### Mobile Device

- Windows CE, Pocket PC, Windows Mobile PDA or compatible equivalent
- GPS and GPRS enabled

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