

# Livetrack

Livetrack is a fully-featured and versatile stand-alone solution, totally browser based, with no need for any installation or bespoke software.

It provides all the means required to track and control DMR-based mobile, portable and fixed terminals.

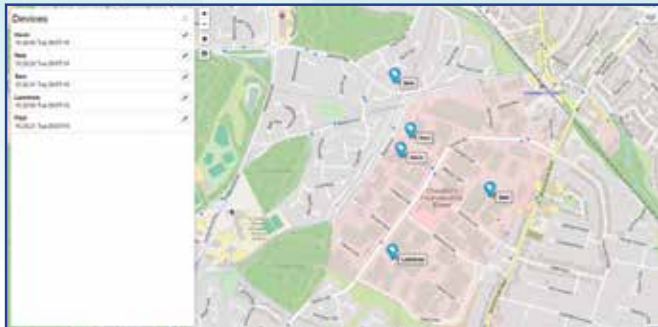
This is one of many interconnected applications common to the SMC gateway, which work together to provide flexible custom solutions.

## Features

- Real Time GPS tracking
- Custom mapping
- Off-line mapping
- Platform agnostic (web application)
- Call logging
- Short-term history, up to 10,000 logged events
- Reporting of stored events
- Geofencing

## Uses include

- Safety of Personnel and Assets from real-time location and status assessment
- Route and time management
- Maintenance monitoring
- Alarm reporting
- Email communication
- Text messages



Location Tracking



Configuration



Radio Management



The SMC Gateway is a versatile appliance that enables system integrator's to build customer-focused solutions without the need to install PCs and expensive software. Each gateway is capable of multiple, simultaneous functions, including but not limited to:

- Text messaging to and from DMR radio systems
- Email using SMTP & POP services
- Radio registration events (ARS/RRS)
- Alert calls
- Telephone interconnection (Hytera DMR only, VoIP / GSM)
- Voltage monitoring via the power input (9-15V DC)
- Third party connectivity via TCP/UDP sockets, HTTP requests/posts, external databases and more
- Internet of Things "IoT" integration

With the addition of the option board, the gateway can also provide:

- Serial data (RS232 & TTL level)
- Digital/volt free inputs (x4)
- Relay outputs (x2)
- Direct connection to Hytera MD655 mobile radio (not USB)

Most importantly, the gateway provides you with a powerful flowchart-like tool to create and edit workflows that in turn convert your customers requirements into the perfect working solution.

## Contact Us

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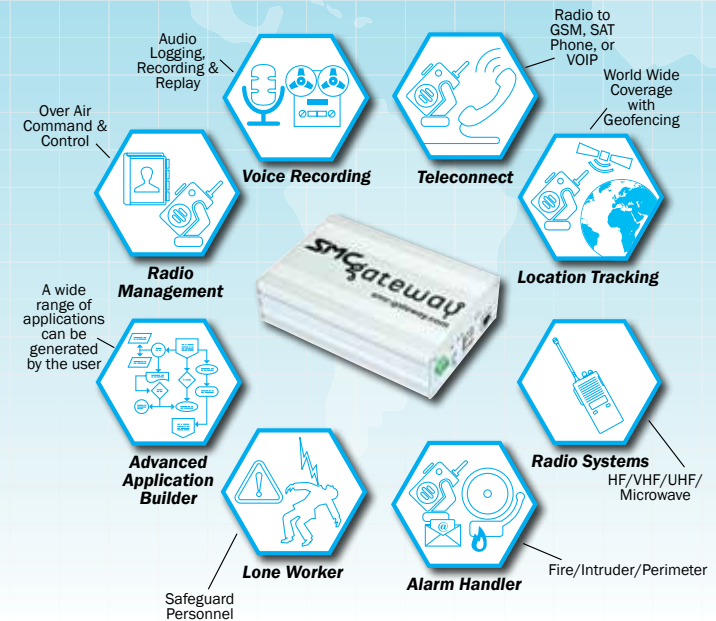
[www.smc-gateway.com](http://www.smc-gateway.com)



# Gateway from SMC

The SMC Gateway is a versatile appliance that enables you to increase the functionality of your radio system, and other communication devices. It connects digital radio networks, and other communication devices, to many other systems:

- Alarms: Fire Alarm, Intruder, Nurse Call
- Telephone: Phone Calls, Text Messaging
- GPS Tracking
- Voltage Monitoring
- Email
- The internet: Websites, Twitter



Radio Systems Supported Include:



[www.smc-gateway.com](http://www.smc-gateway.com)

# Lone Worker

## CHECK - ASSESS - ALERT

**Lone Worker Monitoring** is a customisable application built using the **SMC Gateway** that will automatically check the wellbeing of radio users when they need it the most.

Users can simply activate **Lone Worker Mode** and set check-up intervals, allowing the **SMC Gateway** to monitor them.

The **Lone Worker** application is a cost effective solution that will save time and money without jeopardising workplace safety. The application will benefit even the smallest of organisations.

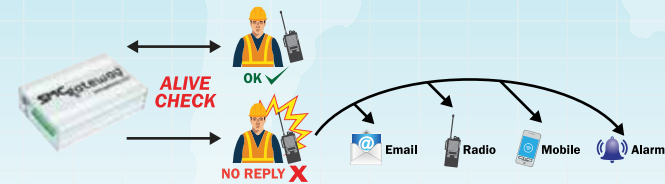
All applications built with the **SMC Gateway** can be easily edited to suit your needs.

### Ensuring the safety of your workforce when they need it the most!

- Automated safety checks at preset intervals
- Escalation
- Alerts to multiple devices
- Integrate a number of communication systems
- GPS/Area activation
- Time activated
- Safe areas
- Man down



The **SMC Gateway**, improving health and safety procedures around the workplace. If a user fails to respond to an automated "Alive Check", in a preset time interval, an emergency procedure will be triggered and relevant people alerted, without delay.



#### ALIVE CHECK

The SMC Gateway will automatically send "Alive Check" messages and if no response is received, escalate accordingly.



#### TIME ACTIVATION

Automatically activate Lone Worker at a preset time, for example, at the start of a shift.



#### HAZARDOUS ENVIRONMENT

Monitor groups or individuals when they need it the most.



#### EMERGENCY ALERT

Utilise the emergency button on a radio to trigger an alert/procedure. Additional information can be sent to relevant people to enhance response times.



#### LOCATION ACTIVATION

A device can be prompted when entering/leaving a specific area, to activate or deactivate Lone Worker mode.



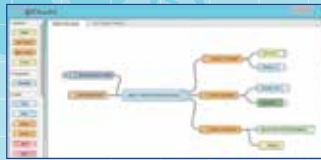
#### MONITOR ON THE GO

Monitor Lone Workers on a computer or mobile device, anywhere in the world.

Autonomous lone worker monitoring system, controlled by radio with alert and alarm/escalation to other radio users.



# Advanced Application Builder



The advanced application builder provides you with a set of powerful tools to create and edit workflows, allowing you to convert your requirements into the perfect working solution. We give you the tools to overcome the problem of "oh but can it just do...", so you can draw

and engineer the solutions you need. This enables you to maximise your investment in digital radio networks. It allows multiple systems to be connected together.

Below is an example of a fire alarm interface which receives alarms, faults and other data from a Honeywell Notifier alarm panel. The flow formats the data into radio friendly messages and sends these out to mobile phones and digital radios, making sure the people who need to know receive the messages when they happen and can react quickly.



Configuration



Advanced Application Builder

# Teleconnect

The SMC Gateway Teleconnect connects your digital radio system to any available telephone connection, whether this is GSM, VOIP or VSAT. Further options include one-touch emergency handling including GPS location tracking. Teleconnect is one of many interconnected applications common to the SMC gateway, which work together to provide flexible custom solutions.

#### Features

- Supports PSTN / GSM / VoIP connections
- Access control / authentication on inbound calls
- Interactive Voice Response menu, fully customisable and multilingual
- Failover to alternative connections
- Restrict outbound calls to known numbers, and/or pattern matching (e.g. block calls to premium rate numbers)
- Call logging and voice recording
- Radio text to SMS
- Inbound calling to individual radios and groups
- Outbound calling to pre-set numbers and free dialling

#### Uses include

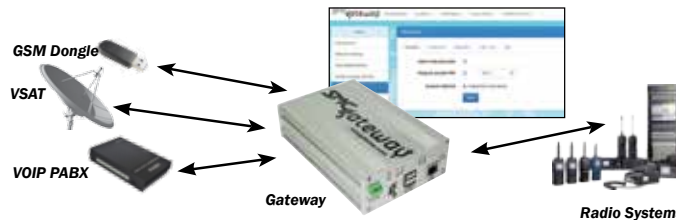
- Wide area incident response
- Cellular PMR Bridging
- Safety of life enhancement



Configuration



Teleconnect



# Alarm Handler

The SMC Gateway Alarm Handler connects to any alarm system, be it fire, intruder, nurse call or other system via RS232/hard wired input, enabling communication to digital radio networks, SMS messaging and email.

Alarm Handler is one of the many interconnected applications common to the SMC gateway, which work together to provide flexible custom solutions.

Further options include location tracking and Telephone interconnect.

#### Features

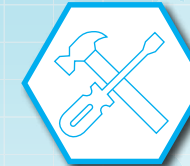
- Flexible built-in options to customise actions and messages based on alarm input status
- Intelligent interpretation of alarm output allows only the required data to be communicated i.e. Alarm type, time, room number, etc.
- Direct connection to Hytera MD655 mobile radios
- Direct connection to Motorola mobile radios (USB)
- Direct connection to Hytera repeaters (IP/LAN)
- Email via internet or local server (SMTP)

#### Uses include

- False alarm prevention. Allows alarms to be investigated before sounding to prevent unnecessary evacuation.
- Remote monitoring of un-staffed buildings
- Replacement for legacy pager systems over DMR

Supported fire alarms include:

**Honeywell Notifier, Ziton, Kentec, C-Tec, Minerva, EMS & Gent.**



Configuration



Alarm Handler

Typical installation; fixed mobile radio & SMC Gateway connected to the alarm system via serial, to provide pre-alarm, alarm & fault reporting to DMR radios.

