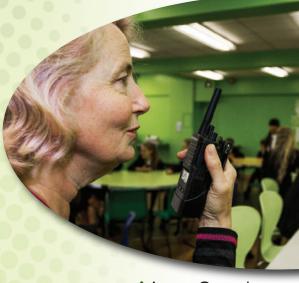# Communication & Safety Solutions for Schools, Colleges and Universities

We can offer you sound advise and a first class service for the safety of your Staff, your Pupils, and your Premises.

❖ Access Control

❖ Fire Alarm Monitoring

❖ Telephone Interconnect

❖ Lone Worker

❖ Guard Tour

❖ Intercom/PA

Our radios have become far more than just a communications tool

Leigh Stevenson, University of Kent at Canterbury

smyerumsby
radio·comms·since 1948

Contents

Communicate Quickly, Clearly & Efficiently

"Sadly, we cannot watch over our children 24 hours a day. Health and safety rules in schools are intended to provide students with a safe and secure atmosphere in which to learn. They also are intended to provide teachers and other staff with a safe place to work.

Smye-Rumsby Ltd has been trading for over 60 years. With developments in new technology, we can now offer fully integrated systems that link directly with your communication equipment.

Never before has there been a more exciting time for Smye-Rumsby to demonstrate communication technology for security and safety in the school environment."

Philip Smye-Rumsby
Managing Director, Smye-Rumsby Ltd

smyerumsby radio comms since 1948

Linking Your Radios Into Your Door Entry System

Digital radios now include new features and functions that can dramatically improve staff productivity. If your school has access control that requires an operator to press a door release button after a verbal verification of a visitors' identity, this can now be linked into a radio system.

By using this method, the verbal verification can be transmitted over the radio network to specific users or an individual user, who can then activate the door/gate release using their two way radio.

In addition, software can be supplied to ensure that any such activity is recorded and stored to a database for future review.

About the Radios-Hytera PD6 Series

This compact, portable radio delivers a superior voice clarity and integrates well with Hytera applications. It has all the benefits of digital technology, yet it operates equally well in analogue mode. Easy to use, with a wealth of features, it is suitable for many market sectors including the education sector.

The PD605 is available in UHF and VHF frequency bands and has advanced signalling and encryption for secure communications. IP67 rating will ensure the continuity of operation if the radio has been submersed in water. Built in Pseudo-Trunk, the Hytera proprietary feature, increases the frequency efficiency which is particularly beneficial in emergency situations.

The PD605 comes with GPS and Man Down as standard features for additional security and there is also a development port to allow for integration of third party applications.

Main Features

• Full power: Up to 4 watts on UHF, up to 5 watts on VHF
• Construction: Polycarbonate & metal frame
• Rugged & Reliable
• Waterproof: Compliant with IP67 standard
• Pseudo Trunk
• DMO and RMO True 2-Slot
• Dual Mode (Analogue & Digital)
• GPS Positioning (Factory Option – available on PD605G)
• Man Down (Factory Option – available on PD605G)

For information regarding all of our radios visit:
www.smye-rumsby.co.uk

A Flexible, Cost Effective Custom Solution

Using specialist equipment we can link your digital radio system into your fire alarm panel. This then provides alarm data instantly when the fire panel is alerted to an incident.
The equipment will transmit over the radio network, the location of alarm alerts, enabling users to investigate the incident without having to visit the fire panel to see where the incident has occurred.

Fire evacuation procedures can be adapted dependant on the location of the fire if a previous escape route has been compromised.

The Equipment

Winner!

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.

Main 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 the Hytera MD655 mobile radios
• Direct connection to the Mototrbo 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.

For full information regarding SMC Gateway & all of our radio products visit: **www.smye-rumsby.co.uk**

Protection for Lone Workers-It can help save lives

People working on their own have always been seen as being vulnerable by Health and Safety officers.

Many digital radios have a built-in loan worker function which automatically enter emergency mode, alerting other staff on site if there are prolonged periods of inactivity. Software can be added to provide GPS tracking both internally and externally to allow the positioning of radio users, to ensure their location is always monitored should the worst happen.

In addition, radios can be linked into internal telephone systems to enable users to make calls to extension numbers around the site.

Also, predetermined external numbers such as the emergency services can be set in the radios, to enable users to make calls directly if the need arises.

This technology is ideal for School Premises Teams and other site support staff.

Using Your Radio To Make Telephone Calls

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

Full information can be found on our website: **www smye-rumsby.co.uk**

Provides Real Time Tracking Management

Certain types of radios are equipped with ID readers, which enable users to 'log in' and scan specific points around the premises to show that they have visited those points on site.

If caretakers need to ensure that all of the doors and windows are closed or security staff need to ensure that all doors are secured, then the addition of a swipe point at that location provides an auditable trail to prove that their area of responsibility has been checked.

About the radios-Hytera PD415

The PD415 can detect both analogue and digital signal and automatically switch between the two modes to receive it on a single channel. It can reply to the received call, while the talk back timer remains. This feature makes a better migration from analogue radio to digital radio and save your existing investment.

Main Features
• Abundant voice call • Rugged, Reliable, Small, Sleek & Light
• Long Battery Life • Pr-programmed text messages
• One-touch Call/Text • Dual mode (Analogue & Digital)
• Vox • RFID

Facility Via Radio Communication Handsets

Radios can also be linked into Public address systems, enabling staff to address premises teams, pupils or visitors via their radios.

This would be especially important in emergency situations where many students or visitors need to be addressed very quickly, eliminating the need to return to a specific location to make the announcement.

Integration is seamless and communication is instant.

This allows radio users to take control of the public address system with the simple change of a channel.

Call smye-rumsby to discus your Intercom/PA enquiry
0800 975 6444

Link into Your Public address system

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radio·comms·since 1948

Call us today on: 0800 975 6444

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