



Folknoll Group Ltd.

SYSTEMS FOR BUILDINGS



PRODUCT RANGE

ALARM AND AUDIO COMMUNICATIONS FOR BUILDINGS

FOLKNOLL GROUP LTD

Since 1975 Folknoll have been leading suppliers of audiovisual communications equipment and security locking systems. We supply a large range of standard and specialist products for the high security, building and care industries. All of our products are designed by experienced engineers for easy installation, simple configuration, straightforward operation, excellent testing facilities, low maintenance, high reliability making our products cost-effective solutions for you and your clients.

Products for Buildings

For the building industry we offer a large range of public use BS 8300-2 compatible Emergency Assistance Alarms, BS 5839-9 compatible Disabled Refuge EVC systems, BS 5839-9 Fire Telephone systems, door entry systems and audiovisual intercom systems.

Customer Base

We have a large customer base across all of our market sectors in the UK and globally and are approved suppliers of Electric Locking Control, Video Intercoms and General Alarm Systems for HM Prison Service. We are proud of our reputation for robust and reliable equipment.

Custom Systems

The Folknoll group offers full a design service to modify our existing products to match stringent architectural specifications or to develop completely new products to match the requirements your clients.

Quality

Folknoll has ISO 9001 accreditation and pride ourselves on the quality of materials and workmanship used for all our standard and specialist products. At the heart of every Folknoll Group product or project are a team of highly skilled dedicated engineers with relevant industry experience ensuring every Folknoll product is the right product for you. Our commitment to quality is reflected in the proportion of repeat business from clients across all our market sectors.

Support

All our products are fully supported with on-site commissioning, on-site and remote technical support to ease the installation process help smooth out any difficulties.

The Future

Folknoll staff are proud of their reputation as innovative specialist to the custodial market, regularly offering new products and systems to keep pace with the continually evolving electronics industry.

“We are committed to a rolling plan of system review and upgrade, to ensure that our systems continually represent the most up to date and cost-effective solutions.”



B Perryman (Managing Director)

For Further Information about our Products

Please call our sales office now on **+44 1763 234567**, send email to enquiries@folknoll.co.uk or visit our website at www.folknoll.co.uk.

Thank you for considering Folknoll products for your next project.

DISABLED REFUGE EVC SYSTEMS

Our vandal resistant, BS 5839-9 compatible, disabled refuge EVCS system offers cost-effective solutions for **SHOPS, OFFICES, HOTELS, FACTORIES** and other **PUBLIC SPACES**

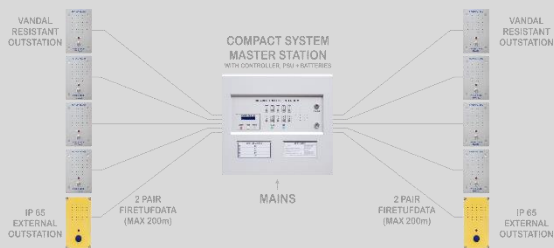


Standard Refuge

Our great range of outstations, operator stations and control equipment, enable Folknoll to design, build and test systems to match your requirements. Our systems offer custom panels, induction loops, vandal resistance, weather resistance, third-party interfaces and much more. We can even combine our disabled refuge EVCS with fire telephones, emergency assistance / disabled toilet and other building alarms.

Standard Refuge

Our go to EVC system for larger sites, offering more outstations and more cabling arrangements, to save installation cost or match legacy cabling. These systems are usually monitored from large custom vandal resistant indicator panels located in the fire control area.

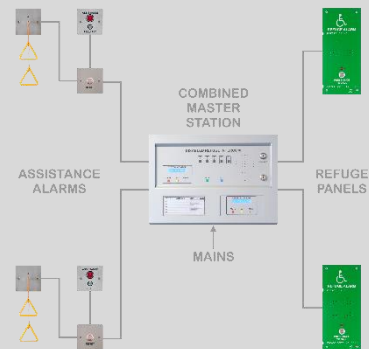


Compact Systems

Equipment, cabling and installation costs are reduced without compromising functionality by building the system controller, the battery backed PSU, the system operator station and cable termination into a single fire panel sized wall mounted enclosure.

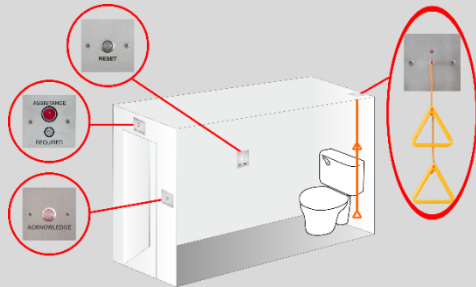
Combined Systems

Compact refuge EVC systems with integral alarm monitoring panels. Interfacing directly with Folknoll emergency assistance and similar systems. Combining multiple systems into a single enclosure further reduces equipment costs and offers an even more cost-effective solution for smaller sites.



EMERGENCY ASSISTANCE ALARMS

Our vandal resistant emergency assistance alarm range offers tough, cost-effective, **BS 8300-2** and **DOCUMENT M** compatible systems suitable for public use. All of our systems are individually assembled and tested from our range of high-quality units.

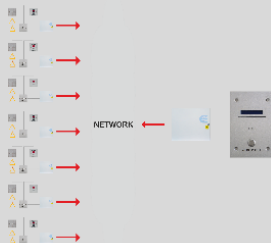
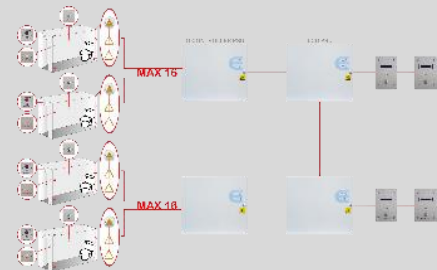


Stand-Alone Systems

The basic unit of our alarm system is the stand-alone system. This is a single zone alarm system, comprising one or more activators, annunciators, reset buttons, acknowledge buttons with a local controller and battery backed PSU. Our stand-alone systems are fully functioning BS 8300-2 compatible, battery backed, emergency assistance systems. These can be operated stand-alone, monitored over mobile networks or integrated into one of our many remote monitoring systems.

Dedicated Cable Systems

Up to 256 stand-alone systems are integrated into a sitewide alarm system using our 16 channel input controller boards, these connect to up to 8 traditional LCD indicator panels to inform alert users to alarm activation. The LCD panels can remotely acknowledge an alarm to indicate that assistance is on the way and to comply with the relevant standards.

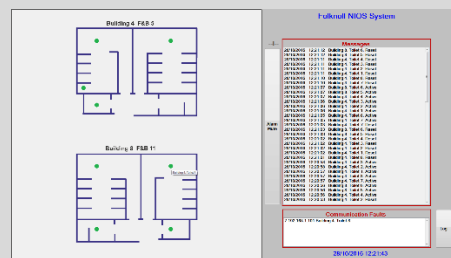


SNI Systems

Stand-alone systems are integrated into a sitewide alarm system over the site IP network and displayed as text on a traditional LCD panel. This solution takes advantage of existing network infrastructure to save cabling costs.

NOS Systems

Stand-alone systems are integrated into a sitewide alarm system over the site's IP network and displayed on a GUI workstation. Operators can pin point the source of an alarm on a map making this a more practical solution for larger sites.

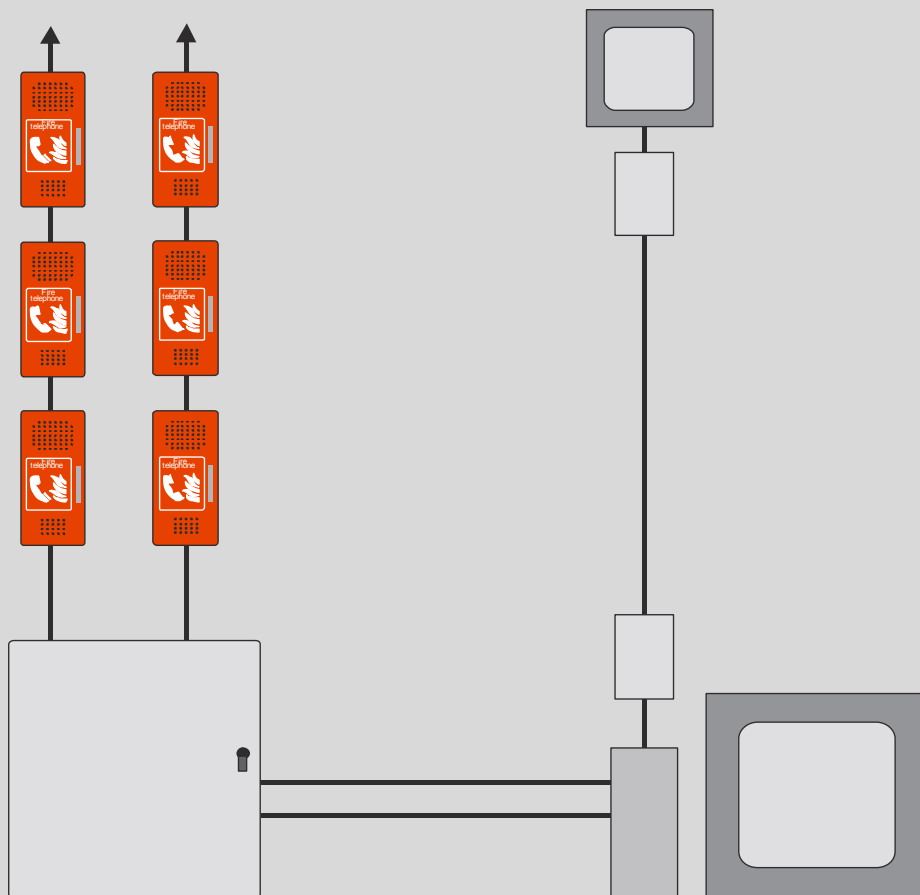


FIRE TELEPHONE SYSTEMS

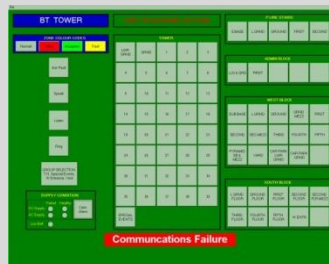


- Robust well proven design
- BS 5839-9 compliant
- Cable fault monitoring
- Standby battery operation
- Provision for fire resistant cabling
- Loop through cabling to reduce costs

Our Fire Telephone System is designed to help you meet the requirements of BS 5839-9 (Code of Practice for Emergency Voice Communications Systems). With cable fault monitoring, standby battery power supplies, provision for heavy fire-resistant cabling etc. The system is also designed for easy installation, loop through cabling, easy configuration, easy operation reducing you and your client's costs.



PC Operator Station
User friendly plan-based touch screen workstation.

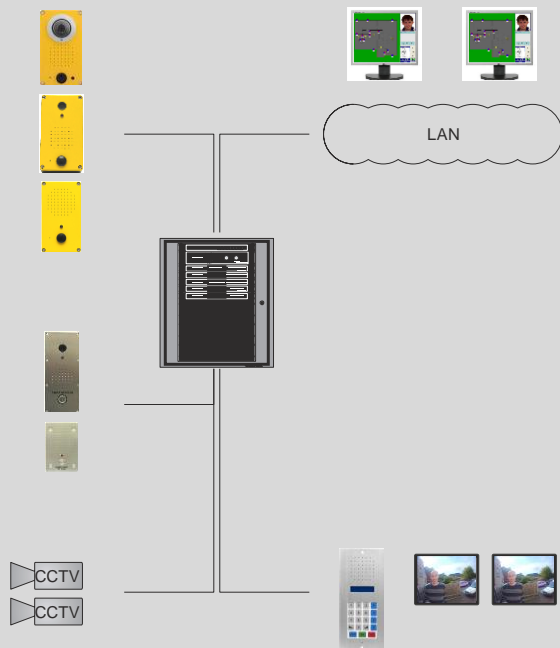


Fireman's Telephone

Vandal resistant red fire telephone box with tamper detect switch.



ANALOGUE INTERCOM AND VIDECOM SYSTEMS



- Vandal resistant outstation
- Range of indoor/outdoor outstations
- Range of video cameras and illuminators for low light, and wide range environments
- Adjustable audio output up to 80dB for noisy environments
- Can be integrated with CCTV
- Can be integrated with access control
- Traditional and PC operator stations
- Analogue and network options
- 24V operation

Vandal Resistant Design

All panels are designed to be vandal resistant and fitted with vandal resistant switches, displays, speaker grills etc.

User Recognition and Image Quality

Folknoll recognise the need to accurate user identification. Video rendering quality will vary greatly depending on light conditions, and lighting conditions will vary from location to location.

Standard Dynamic Range Image Sensors

Standard cameras can over expose highlights, under expose low lights or both depending on the aiming point. Over exposure can cause secondary effect such as whiteouts. Under exposure can cause granulation and patterning.



Folknoll Wide Dynamic Range Image Sensors

For locations with high background light levels Folknoll offer wide dynamic range image sensors. Wide dynamic range sensors capture images adjust the image to match light are dark areas of the scene. Bright areas are darkened, dark areas are brightened, vertical smear and pixel blooming are reduced resulting in more accurate colour rendering under difficult lighting conditions, such as backlighting, glare and other high contract scenes.



Standard IR Illuminated Image Sensors

Intercom users tend to be within an arm's length of the outstation. Standard IR cameras used at this range tend to suffer from bright highlights/glare/reflection making user recognition difficult.

Folknoll Diffused IR Illuminated Image Sensors

For locations with low light levels Folknoll offer diffuse IR illumination. The diffused IR Videcom outstation is fitted with a high-resolution high sensitivity wide dynamic range camera and diffused IR light, which combine to reduce close up highlighting, glare and reflections.

Outstations

Folknoll offer a wide range of audio and audio video outstations to suite site requirements. The range includes wall and flush mount internal and external designs, optional buttons and annotation and a variety of video image sensors with high resolution, high dynamic range, and illuminated options. All outstations are vandal resistant by design.



Traditional Operator Stations

The Videcom range included surface and flush mount traditional vandal resistant panel operator stations. A range of video is available to display live video from the calling station or CCTV cameras to enable visual identification of callers.

PC Operator Station

User friendly plan-based operator stations with live video streams on the PC monitor and audio presentation using PC speakers, microphones or headsets. PC operator stations can be networked system over dedicated or existing network infrastructure enabling the implementation of remote and emergency operator station.

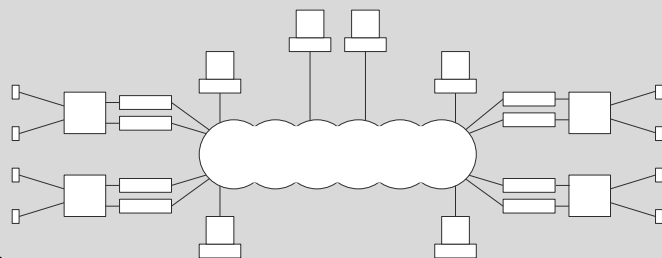


Control Equipment

Videcom control equipment is designed around our robust well proven 24Vdc audio exchange and video matrix equipment. We have a full range of modules enabling us to provide the solution you need. Folknoll control equipment is supplied mounted in racks complete with pre-wired termination rails etc.

Site-Wide Systems

Local Videcom Systems can be networked over IP to form site-wide intercom systems. Video and audio can be streamed across the network allowing authorised operators to handle calls from intercom users from across the site



System Integration

Videcom systems can be seamlessly integrated into Folknoll SMS security management systems. Calls can be accepted and cancelled from the SMS operator station. Outstation image sensor and CCTV video streams are incorporated into the SMS GUI. Caller and operator audio are processed by the SMS workstation and can be presented and accepted on PC speakers, headsets and microphones. Additional interfaces are available for integration with third party equipment.

PCs and Networking Equipment

All PCs and networking equipment are based on industry standard equipment for long term support. System time may be derived from an off-air rugby clock or GPS depending on site conditions. UPSs are offered if required.

DOOR ENTRY SYSTEMS



Folknoll offer an extensive range of door entry systems and accessories including: code locks, magnetic stripe locks, concierge systems, DDA compliant, and video entry systems.

For all of our video entry systems we offer a range of high-dynamic range video cameras with optional IR illumination for enhanced caller identification in difficult lighting conditions.

We can supply small door entry kits, large door entry systems and provide a professional door entry design, installation and maintenance service.

Choice of Operator Stations

For all of our door entry systems we offer a choice of vandal resistant wall mounted operator stations, video monitors PC based operator stations, in-room handsets or wall mount intercom units with optional video display.



DDA Intercom Units

We have a range of standard DDA intercom units with vandal resistant faceplates. These specially designed units can come with, Braille buttons, Braille annotation, high contrast faceplates, luminescent annotation, and induction loops to suite your application. To aid caller identification our high dynamic range and illuminated video camera options are also available for DDA units.

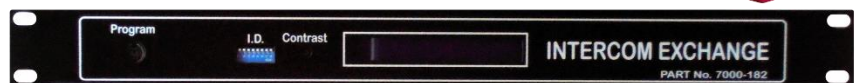
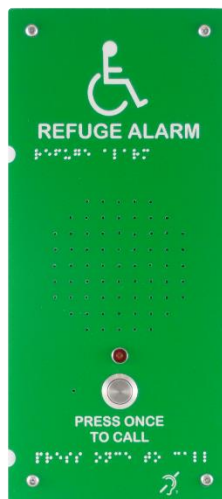
Custom Panels

As manufacturing company all of our designs can be customised to suit your requirements. We can change the number of buttons and annotation to suite your premises. We can change the look and feel of our equipment to match your site, and if required, Folknoll can design and manufacture bespoke equipment panels.



You decide buttons, materials, colours, annotation function.

BUILDINGS



ABOUT FOLKNOLL

We are a UK based systems design, manufacturing and installation company. Since 1975 we have been supplying tough, reliable, practical, alarm and control systems for the private and public sectors. All of our products and systems have been designed for easy installation and low maintenance by experienced engineers. As original manufacturers, all of our products and systems can be customised to suit your requirements. We also offer individual annotation, custom engraving and special finishes for all of our equipment.

GET IN TOUCH

Please contact us for further information about our wide range of products and services and find out how we can provide a solution for you.



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