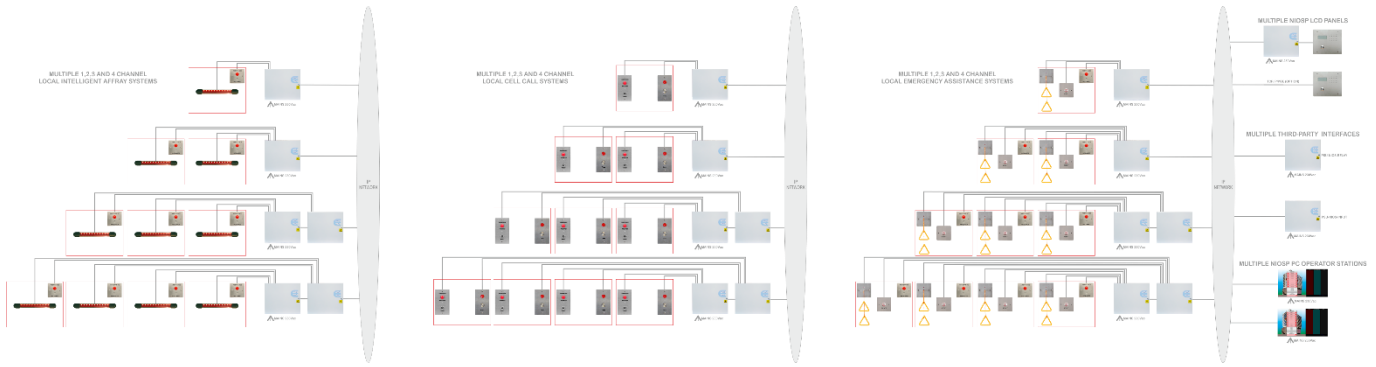


### NIOSP ALARM MONITORING SYSTEM

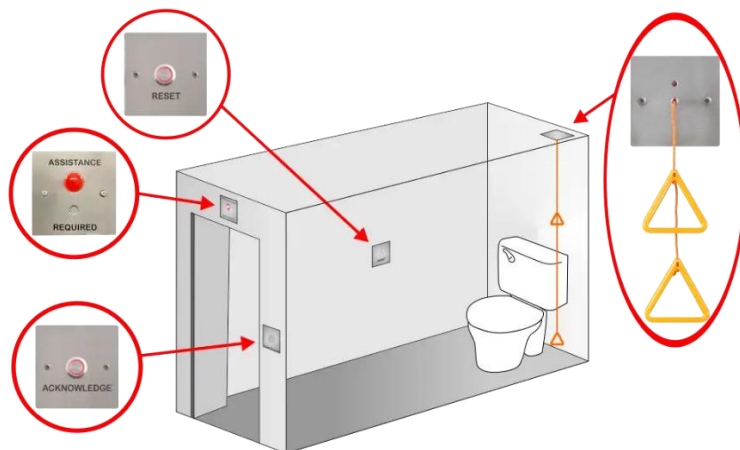
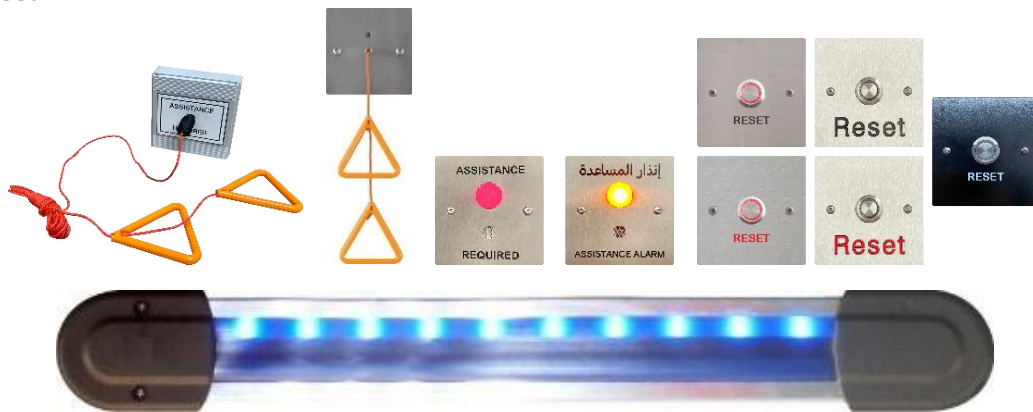


### NIOSP MONITORING SYSTEMS

NIOSP network alarm monitoring systems offer a great way to add remote monitoring to local alarms systems. NIOSP connects multiple remote staff monitoring stations and third-party equipment to local alarm systems, ensuring alarms are reported where they are most useful. By taking advantage of existing network infrastructure NIOSP offers cost-effective solutions for **LARGE SITES, CUSTODIAL FACILITIES, OFFICES, HOTELS** and other **PUBLIC SPACES**.

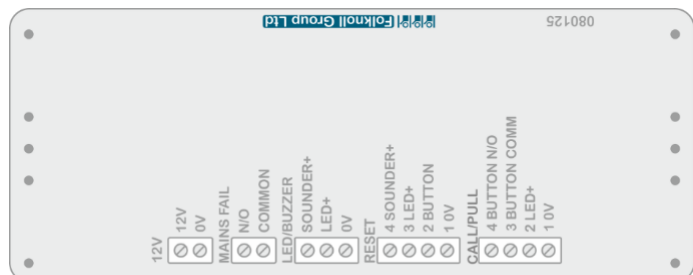
### NIOPS COMPATIBILITY

Our NIOSP system is totally compatible with our huge range of pull cords, call buttons, alarm strips, panic buttons and other alarm devices, all of which can be customised to match your requirements, enabling us to create the system you need.



## NIOSP ALARM CONTROLLERS

The NIOSP system is based around our all new NIOSP alarm controller. This offers a combined alarm controller and network interface complete with battery and mains monitoring.



- Up to 200-off alarm controllers
- Implements
  - BS8300-2 emergency assistance alarms for disabled toilets, changing places, etc.
  - NOMS compliant cell call
  - Panic alarm
  - And more!
- Usually supplied in 1, 2, 3, 4 channel battery backed PSU
- Ensures local operation if network fails

### CONTROLLER INTERFACES

Each NIOSP alarm controller has separate terminals for all the major components of a local alarm system, along with an RJ45 ethernet port for remote monitoring. Making local alarm system connections much simpler. Usually, all cables go back to the controller with one cable chain to the pull cords and call buttons, one cable chain to the beacon/sounders, one cable chain to the reset buttons and one cable chain to the local acknowledge buttons.

### SPECIAL ALARM STRIP INTERFACE

Each controller also offers a special intelligent interface for our illuminated alarm strip / dado rail switches this interface offers automatic strip fault detection and illumination control. Strip illumination is used to indicate alarm and faults conditions (depending on alarm operating mode).

### EXTENSIVE REMOTE MONITORING

The NIOSP system offers network based remote monitoring for all alarm controllers. Alarm activation and faults are reported by LCD and PC workstations. Remote operators can acknowledge alarms for BS 8300-2 compatibility.

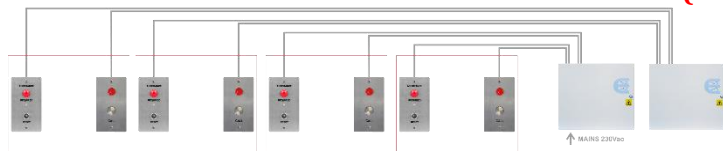
### ROBUST INDEPENDENT OPERATION

Alarm controllers are usually supplied in battery backed PSU enclosures with 1, 2, 3 or 4 controllers. Offering up to 4 independent local alarm systems. Each alarm system will continue to operate local in the event of a network or mains failure, offering greater resilience when things go wrong.

## ALARM CONTROLLER OPERATING MODES

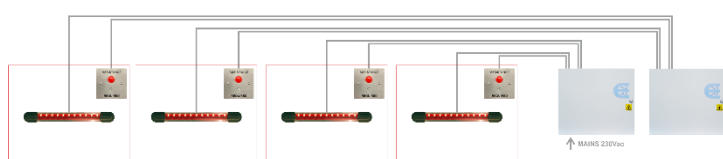
Each local alarm controller can be configured to operate locally in a number of modes, reflecting various alarm types.

### NOMS COMPATIBLE CUSTODIAL CELL CALL MODE (FOR PRISON CELLS, POLICE CELLS, ETC)



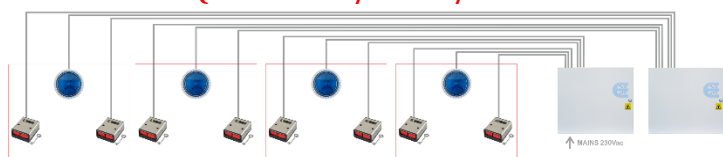
NOMS compliant custodial cell call operation, with cell call units and corridor reset units.

### NOMS COMPATIBLE CUSTODIAL GENERAL ALARM MODE (FOR HMPS, ETC.)



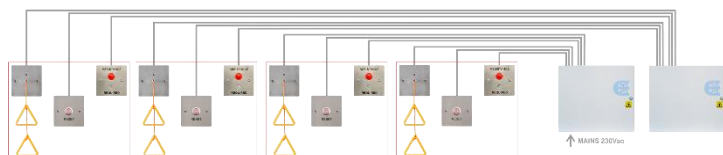
NOMS compliant custodial general alarm activation.

### SITE ALARMS (FOR PANIC/STAFF/AFFRAY ALARMS AND OTHER SITE-SPECIFIC ALARMS)



Monitoring and reporting of alarms activated by buttons, pull cords, alarm-strips etc.

### BS 8300-2 COMPATIBLE EMERGENCY ASSISTANCE MODE (FOR DISABLED TOILETS, ETC.)



BS compatible emergency assistance operation complete with a timed remote acknowledge function.

## LCD OPERATOR WORKSTATIONS

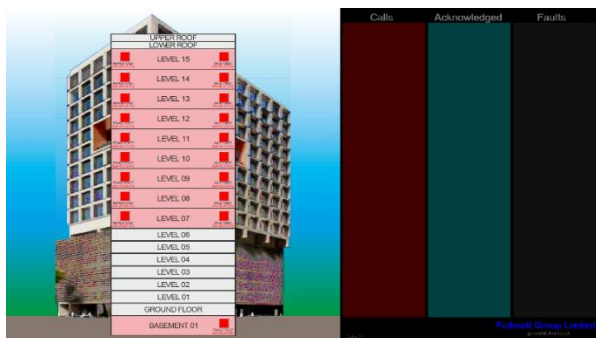


The NIOSP upgrade for our popular LCD indicator panel, with a new 4-line LCD alarm display and an accept/acknowledge mute button.

- Up to 20-off LCD workstations
- Fully synchronised with other PC and LCD workstations
- Meaningful alarm and fault descriptions
- BS 8300-2 compatible remote acknowledge

Can be configured to monitor some or all alarms – so alarms can be grouped

## PC GUI OPERATOR WORKSTATIONS



The upgraded version of our reliable NIOS workstation offering a user-friendly plan-based GUI, indicating the source of alarms. This workstation can be supplied in desk, wall mount and touch-screen formats to suit site and operational requirements.

- Up to 20-off PC workstations
- Fully synchronised with other PC and LCD workstations
- Choice of PC format / touch screen
- User friendly plan-based interface
- Meaningful alarm and fault descriptions
- BS 8300-2 compatible remote acknowledge
- Event log
- Can be configured to monitor some or all alarm controllers, offering alarm grouping

## REMOTE THIRD-PARTY INTERFACES



Separate third-party I/O interfaces can be located anywhere on the network but are usually mounted close to the third-party systems. This interface offers alarm and fault states with remote acknowledge/accept/mute as required. Ideal for BMS, additional alarm strobes, SMS, etc.

## 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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