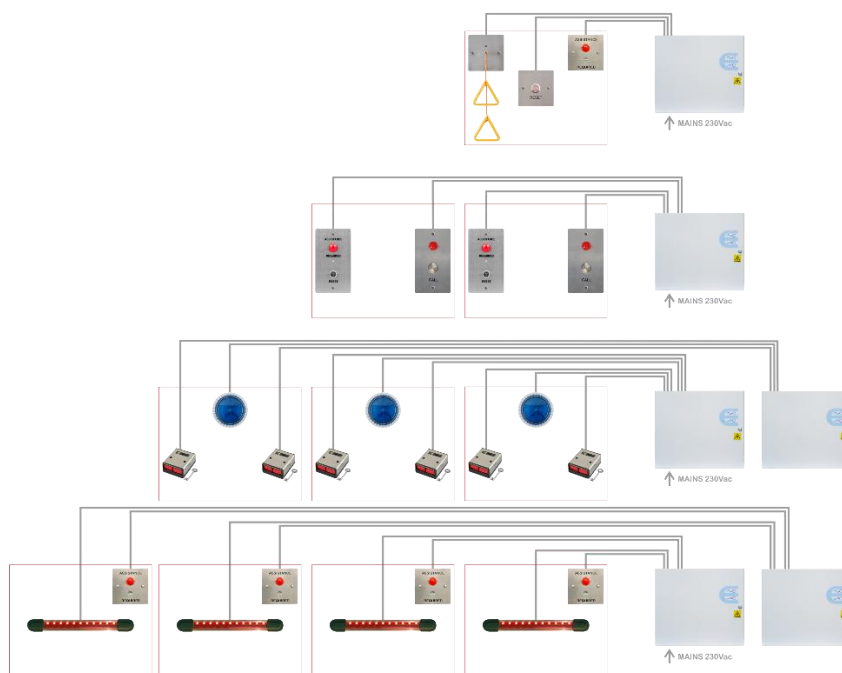# PSU-NIOSP-SVRX

A RANGE OF WALL MOUNTED POWER SUPPLIES WITH INTEGRAL NIOSP CONTROLLERS

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 exciting network infrastructure NIOSP offers cost-effective solutions for **LARGE SITES, CUSTODIAL FACILITIES, OFFICES, HOTELS** and other **PUBLIC SPACES**.

WALL MOUNT PSUS WITH LOCAL ALARM CONTROLLERS

Our NIOSP range includes a number of wall mount PSUs with integral alarm controllers for local alarm systems. These PSUs are housed in lockable steel enclosures comprising a PSU, one or more alarm controllers and provision for optional backup batteries.

ALARM CONTROLLERS

Each alarm controller acts as a separate local alarm system controller that can be configured independently to operate as different types of alarms. Alarm controllers are compatible with our huge range of field devices including call buttons, pull cords, alarm-strips, beacon/sounders, acknowledge buttons, so we can offer systems to match most needs.

SPECIAL ALARM STRIP INTERFACE

Each alarm controller offers a special intelligent interface for illuminated alarm strip / dado rail switches with automatic fault detection intelligent strip illumination indicating alarm and faults conditions (depending on alarm operating mode).

EXTENSIVE REMOTE MONITORING

Each alarm controller can be individually monitored, alarm and fault activation can be reported and acknowledged at multiple network locations. Ensuring alarms are reported at locations where staff are available to provide a response.
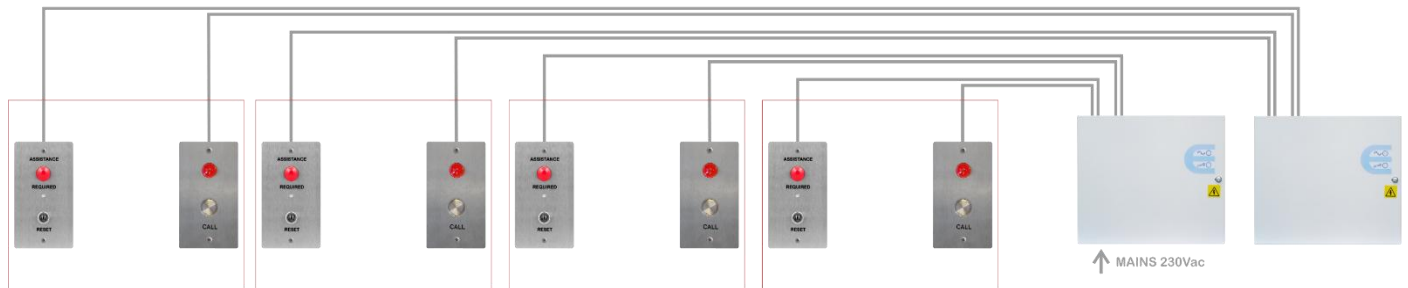
ROBUST INDEPENDENT OPERATION

Each alarm controller can operate independently of the main NIOSP system and will continue to operate locally in the event of a network or mains failure.

ALARM CONTROLLER OPERATING MODES

Each local alarm can be configured to operate locally in a number of modes. Enabling us to implement a range of individual and combined alarm types. E.g. a combined panic and toilet alarm system.
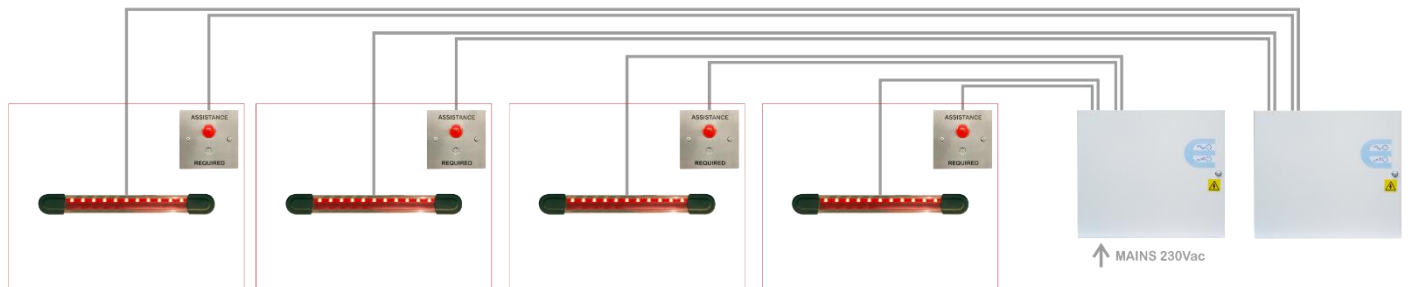
CELL CALL MODE (NOMS COMPLIANT CUSTODIAL CELL CALL FOR PRISONS, POLICE MAGISTRATES, ETC.)

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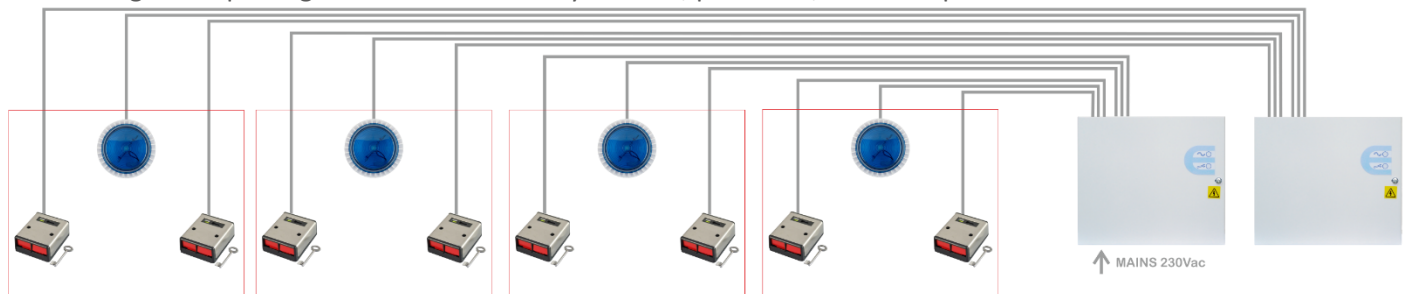

CUSTODIAL MODE (NOMS COMPLIANT CUSTODIAL SYSTEMS FOR GENERAL ALARMS, ETC.)
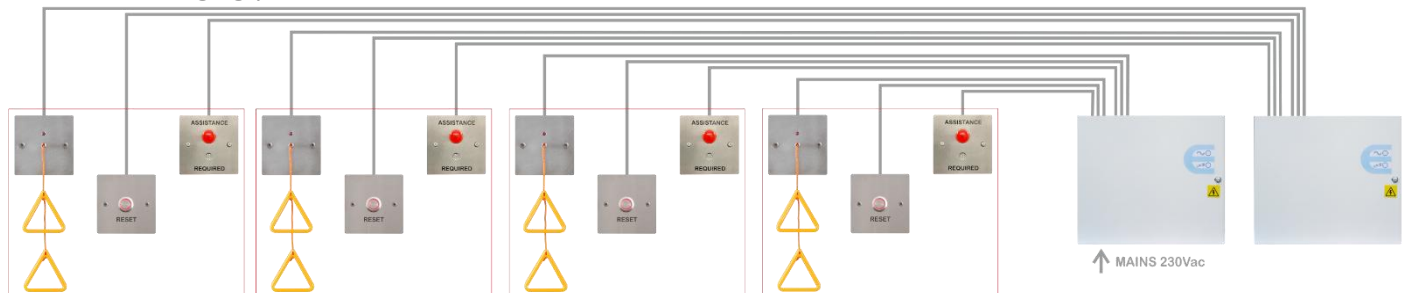
NOMS compliant custodial general alarm activation.

SITE MODE (SYSTEMS FOR PANIC, STAFF, AFFRAY ALARMS, ETC.)

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

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

BS 8300-2 compatible emergency assistance operation complete with a timed remote acknowledge function. Suitable for toilets, changing-places, hotel rooms, etc.

CUSTOM MODES (FOR SPECIALIST PROJECTS)

We also offer custom designed modes to implement special and non-standard alarms, to match your needs. please contact us for details.

ALARM CONTROLLER FIELD CONNECTION

Each alarm controller offers a separate screw terminal block for each field device chain. Simplifying installation and reducing costs.

REMOTE MONITORING

Each local alarm controller also has a RJ45 ethernet port and can be connected to a local network. Once connected each controller i.e. local alarm system, can be monitored remotely by a number of NIOSP devices.

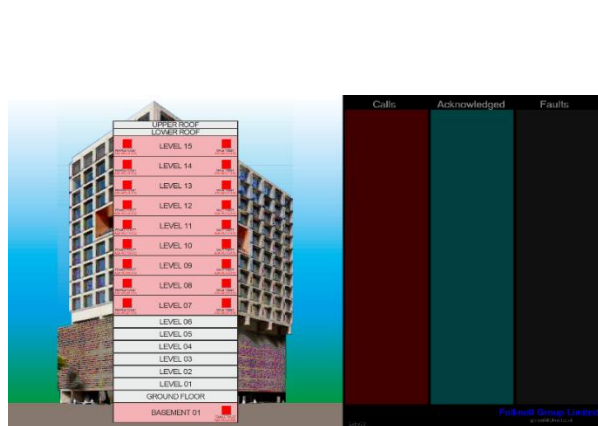### NIOSP LCD OPERATOR WORKSTATIONS

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 per NIOSP system
- 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

NIOSP 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 per NIOSP system
- 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

NIOSP INTERFACES FOR THIRD PARTY EQUIPMENT

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. I/O types include digital inputs, relay outputs and serial streams.

RANGE OPTIONS

PART NUMBER	FEATURES	PSU-NIOSP-SVRX
PSU-NIOSP-SVR1	Enclosure	Wall mount, steel, white painted
	Dimensions	330x275x80mm
	Power source	90-264Vac, 50-60Hz, 500W
	Backup battery	Optional
	NIOSP Controllers	1 x full functional NIOSP controller with screw terminals for Folknoll activators, indicators and resets
	Ethernet I/F	1 x RJ45 - Requiring 1 x static IP
PSU-NIOSP-SVR2	Enclosure	Wall mount, steel, white painted
	Dimensions	330x275x80mm
	Power source	90-264Vac, 50-60Hz, 500W
	Backup battery	Optional
	NIOSP Controllers	2 x full functional NIOSP controller with screw terminals for Folknoll activators, indicators and resets
	Ethernet I/F	2 x RJ45 - Requiring 2 x static IP
PSU-NIOSP-SVR3	Enclosure:	Wall mount, steel, white painted
	Dimensions	2-OFF 330x275x80mm
	Power source	90-264Vac, 50-60Hz, 500W
	Backup battery	Optional
	NIOSP Controllers	3 x full functional NIOSP controller with screw terminals for Folknoll activators, indicators and resets
	Ethernet I/F	3 x RJ45 - Requiring 3 x static IP
PSU-NIOSP-SVR4	Enclosure	2 x Wall mount, steel, white painted
	Dimensions	2 x 330x275x80mm
	Power source	90-264Vac, 50-60Hz, 500W
	Backup battery	Optional
	NIOSP Controllers	4 x full functional NIOSP controller with screw terminals for Folknoll activators, indicators and resets
	Ethernet I/F	4 x RJ45 - Requiring 4 x static IP

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.

Folknoll Group Ltd

+44 (0) 1763 234567

19 Old North Rd, Royston, HERTS, SG8 5DT, UK   www.folknoll.co.uk   enquiries@folknoll.co.uk