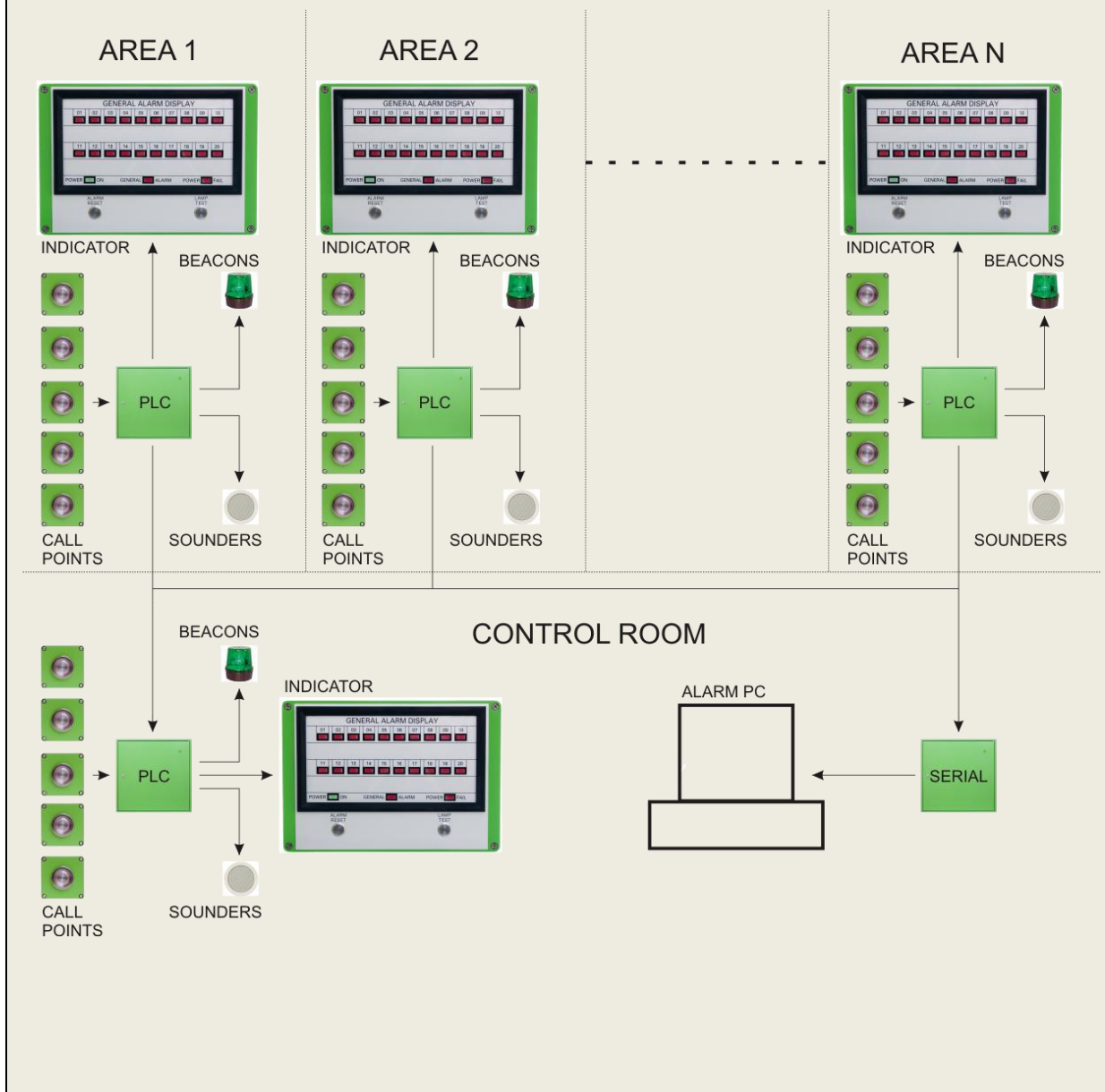# General Alarm Systems

FEATURES

- NOMS compliant
- Established HMPS user base
- Vandal resistant
- Tamper alarms
- Fault monitoring
- Hierarchical 'hardwired' reliable site-wide systems
- Full range of standard standard units
- Customised units for existing or special systems available on request.
- Utilises industry standard PLC and PC equipment for reliability and long term support
- UPS with 24 hour battery operation
- Customisable alarm PC for data logging and configuration

NOMS COMPLIANT

The Folknoll GA range offers a fully compliant general alarm system for use in HMPS, Police Service and similar establishments. The range comprises a comprehensive collection of call points indicator panels, sounders, beacons, controllers and logging PC.

HIERACHICAL DESIGN

Local alarms systems can be integrated into a site-wide system using a simple reliable hierarchical 'hardwired' philosophy. Site-wide systems can be extended over fibre and other media to suite site conditions.

INDUSTRY STANDARD RELIABILITY

Control of the Folknoll General Alarm is based on robust industry standard PLCs, PC equipment, and network devices, providing a reliable tested platform, and a ready supply of parts for system expansion or repair.

VANDAL RESISTANT DESIGN

All fascias are fitted with vandal resistant switches and secured by anti-tamper screws. Call points are fitted with tamper detect switches to alert operators when enclosed are opened. Indicator panels LEDs are fitted behind vandal resistant windows. PLCs are housed in lockable enclosures.

TYPICAL WING

GENERAL ALARM
CELL CALL
NIGHTSAN
PANELS

CALL POINTS

All Folknoll call points are vandal resistant. The units are fitted with vandal resistant call buttons and have integral tamper detect switches.

Surface Mount Call Points
- IP65 die-cast aluminium surface mount enclosure
- Suitable for internal or external use
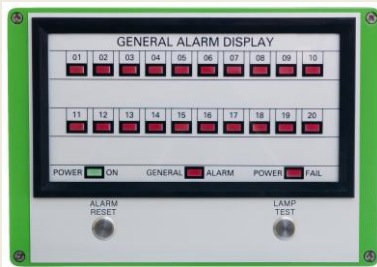- Finished in BS4800 green
- Anti-tamper screws

Flush Mount Call Points
- Steel fascia panel
- Suitable for mounting on standard back boxes.
- Finished in BS4800 green

Other call point options are available on request.

INDICATOR PANELS

Indicator panels are located in local offices and central control rooms to identify activated alarm zones, typically 20-off zones per indicator panel.

- Large red LEDs indicators for each zone,
- Supplied annotated for zones 01-20 or 21-40 etc.
- Integral sounder
- Power on, general alarm and power fail LED indicators
- Vandal resistant 'ALARM RESET' and 'LAMP TEST' buttons
- Finished in BS4800 green
- Anti-tamper screws

BEACONS AND SOUNDERS

Folknoll offer a full range of indicators, beacons and sounders to suite site conditions. They can be mounted in offices, control rooms, corridors or other suitable locations and be associated with single or multiple alarm zones.

CONTROL PANELS PLCS AND PSUS

Folknoll General Alarm Systems are controlled by industry standard PLCs. These can be linked together to form robust reliable hierarchical site-wide alarm systems.

System PSUs are battery backed to provide continuous operation in the event of a mains supply failure, and monitored so that main supply fail and other faults are reported by the indicator panels.

The PLCs and system PSUs are usually supplied ready assembled in lockable BS4800 green enclosures ready for wall mounting.
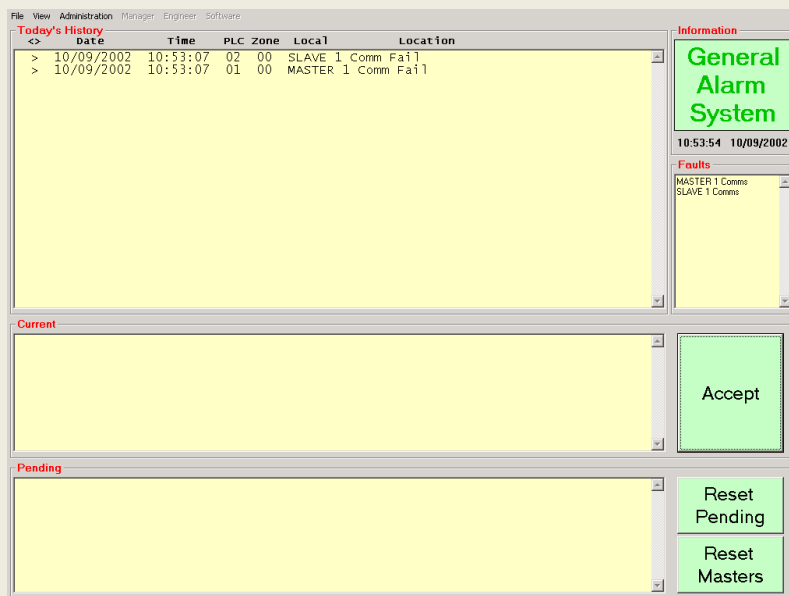
GENERAL ALARM PCS

General Alarm PCs provide alarm source reporting, event logs and audit trail information. A printer is supplied to make hard copies of event logs. All General Alarm PCs are based on standard PC equipment for long term support. Time and date may be derived from off-air rugby clocks, GPS or other time sources depending on site requirements. All General Alarm PC equipment is powered from UPSs to provide continued operation in the event of a mains supply failure.

ALARM SOURCE

Indicator panels indicate activated alarm zones. Site-wide systems tend to group alarm zones into larger area alarm zones for display on the central indicator panel(s). In site-wide systems central operators will know only that an alarm has been activated in a particular group or area. A General Alarm PC detects reports and logs individual zone activations. Using a General Alarm PC enabling central operators to direct resources to the exact source of an alarm.

EXAMPLE GENERAL ALARM PC EVENT LOG DISPLAY

DESIGNED FOR LIFE

At Folknoll all equipment is designed by experience engineers for ease of installation and operation. Our long experience with high security equipment has enabled us to produce robust reliable equipment suitable for the toughest environment.

CUSTOM UNITS

Folknoll is a customer focused company. If you need special software features, custom made units or larger systems, then please contact Folknoll to discuss your requirements.

FURTHER INFORMATION

Please contact us for further information about the wide range of Folknoll products and systems.
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