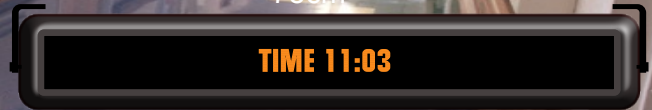


Wired & Wireless Public Information & Safety Display Systems



Information

3

The BlueBox public information display system can bridge the gap between virtually any supervision or alarm management system with a network of wireless or wired LED information display units. Ideal for noisy locations or where silent notification is essential. The BlueBox system displays fire, process, BMS, production efficiency & safety information from virtually any fire alarm, process, safety, BMS, or security system. Our professional design service facilitates the efficient incorporation of unusual and customised interfaces and options. When used in conjunction with a fire or BMS alarm system, Bluebox is effective in efficient evacuation management, providing location-specific alarm information and minimising the risk of false evacuations in hospitals, universities and large scale production facilities.

Information display text messaging provides concise and / or detailed information about an event, fault or alarm. In emergency situations getting accurate alarm-specific information quickly is critical to avoid accidents, stoppages and other potentially damaging events. Options including mobile messaging using pager, two-way radio and GSM SMS, for both on and off site notification..

Alarm Sources

- Fire & Gas
- Safety
- Process
- Environmental
- Energy Management
- Security
- Lone-worker



Key Advantages

- Simple and effective multi-point alarm information
- Assists safe evacuation
- Utilises existing BMS, fire and process systems
- Can include mobile alarm messaging
- Ideal for noisy or silent operations
- Wired or wireless with power fail operation
- Minimises costly false evacuations
- Multi-coloured displays visible at over 30m

Typical Application

One of Bluebox's most common implementations is the reporting of fire and process alarms. Information displays are excellent enunciators as they can be mounted at strategic positions, are readable at 30 mtrs or greater and can trigger localised sounders and beacons. With the power fail option BlueBox is ready for any eventuality. For wired or wireless critical information displays Bluebox sets the standard.



Technical Information

Safety & Efficiency Solutions

Efficiency Alarm & Safety Critical Information Display Systems

BlueBox is an information management processor that intelligently monitors data streams from equipment such as building management systems (BMS), process computers, fire panels, personal alarm devices and industrial Process Logic Controllers (PLC's). BlueBox is programmable to automatically follow established procedures when a particular event occurs. It can be used to collect alarm-specific information and forward this information to any number of displays. The specific information is continuously displayed on large LED displays. BlueBox also can have up to 256 general purpose digital inputs that may be used to activate specific messages, man-down, intruder or digital alarms from building management or process systems. BlueBox data interface works with most industrial protocols, or we can provide customised protocols to suite. Wireless operation eliminates the need for expensive data cable runs.

PHYSICAL

BlueBox is available in a wide choice of enclosure styles, (custom housing design service available). Operating temperature range: 0 to 60°C.

POWER

12 to 24 Volts AC or DC, 110/230V AC and battery-backed systems are available on request.

ALARM CAPACITY

Unlimited alarm string capacity, on wireless systems up to 99 alarm groups are. (capacity generally depends on the interface protocol and application).

CONNECTIONS

RS232, RS485, CANBUS, ETHERNET, GSM.

PROTOCOLS CURRENTLY SUPPORTED

FIRE Alarms: Serial Printer, ASCII, TAP, Ziton ZC2, Siemens, Notifier, Morley, ESPA.444 and custom protocols.
Process Systems: Call for details.

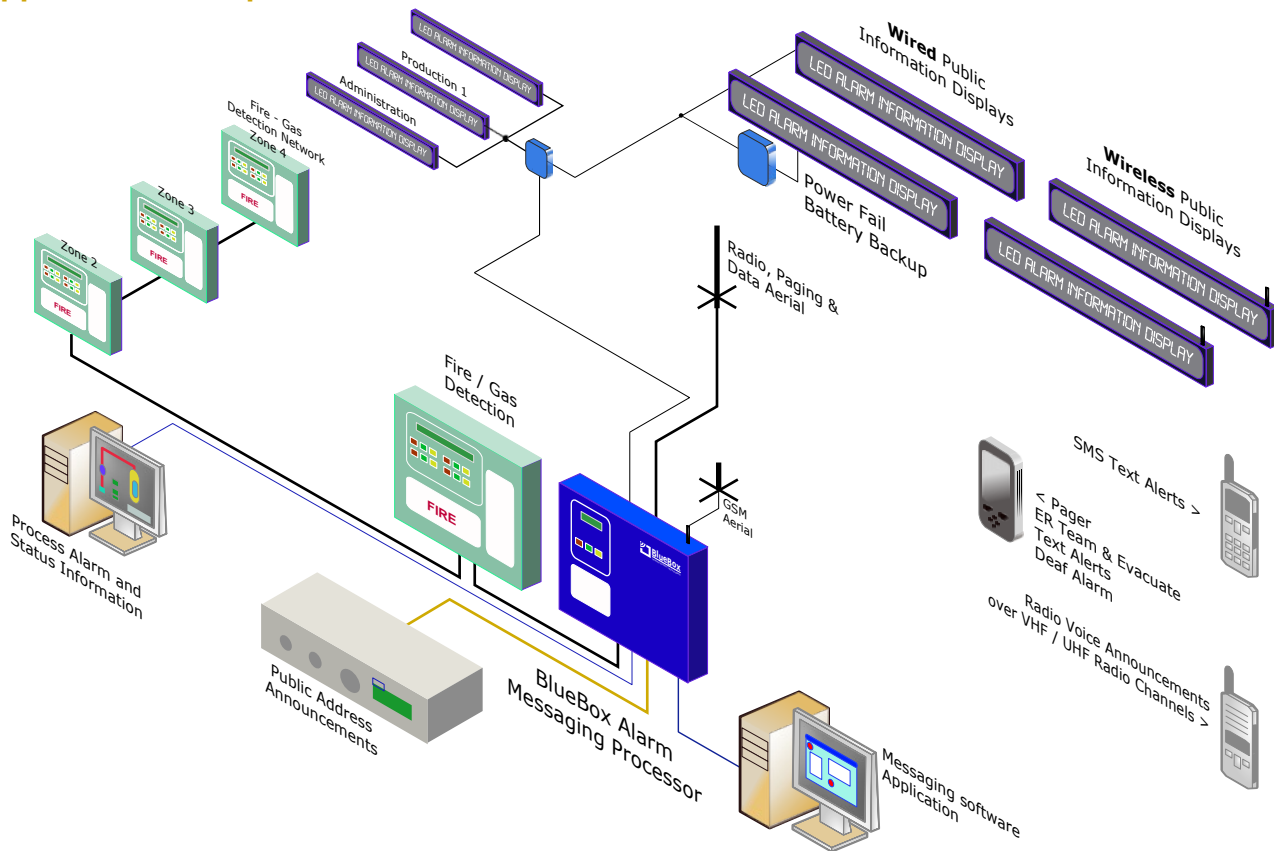
ADDITIONAL ALARM & CONTROL CAPACITY

8 to 256 Digital alarm Inputs, 6 Relay Outputs - configurable. Time & Date display.

OPTIONS

Paging & SMS text alerts. External Paging Network Interface. Off air message logging. PC Software application for user message composition.

Application Example



About Sigt

Sigt specialises in the design, development and manufacture of wireless products to safely reduce risk to person, property and production and has designed and installed radio communications, alarm-reporting and emergency alert systems for leading international companies in the life sciences, oil, gas, tunnel and chemical industries



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Display Options

We offer a selection of display types, from 56 to 196 cm (Approx 2 to 6ft), TruColor displays for coloured text. TruColor XP include strobe illuminations for added attention. Sunbuster displays are intended for areas with high ambient light levels including direct sunlight.

