



[www.gdsystems.com](http://www.gdsystems.com)

# CREATING SAFER ENVIRONMENTS

*" We specialise in safety technology and systems. Keeping people safe and secure - day to day and in an emergency - is at the heart of all we do, from initial design through to installation and maintenance".*

GD Systems specialises in creating safer working environments. In an emergency every second counts, so we design, install and maintain sophisticated and flexible systems which ensure the safety of your staff, customers and visitors at all times, as well as protecting your buildings and their contents. If standard out-of-the box equipment doesn't meet your needs, you can rely on our technical expertise to develop tailor-made solutions and we make extensive use of wireless technology that can be adapted to meet your future requirements.

nurse call ■

security ■

paggers ■

fire safety ■

*“We partner our customers and are proud  
of the great service we provide”*

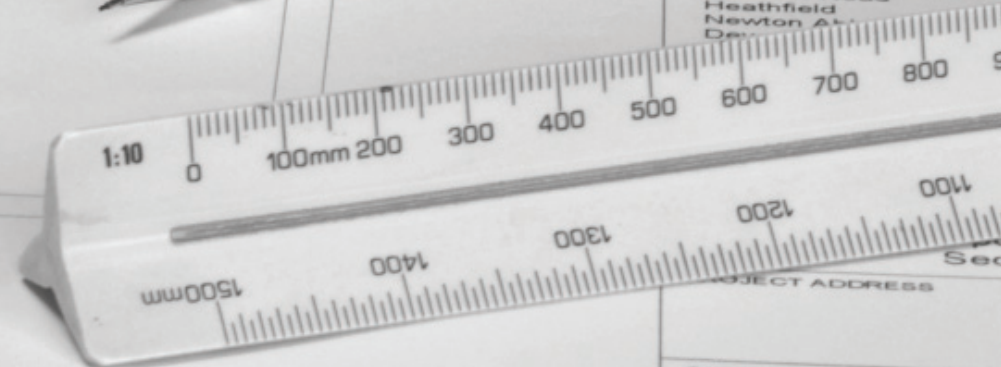


- Legend**
- GTC01 - 2 Quantec Panel
  - GTC03 Splitter
  - GTC06C Quantec Display
  - GTC02 Callpoint
  - Remote Socket - Button
  - GTC06A Overdoor Light
  - GTC06 Overdoor Light
  - MC - K337EOWH Power

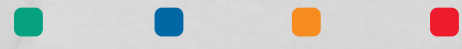
**Cable Type**

- 62
- 6C secur
- Work & Other: A
- 20Vac Supply:
- 3P or 21.63Y Pw

ISSUE	DATE	DESCRIPTION
<b>gd system</b>		
GD Systems (UK) Ltd		
22 Teignbridge Busine		
Cavalier Road		
Heathfield		
Newton A		
De		



PROJECT ADDRESS	
CUSTOMER	
DATE 14/02/2012 SC	



## Design

We want to be sure that the systems we design perfectly match your needs.

We have a full computer-aided design facility (CAD) and work closely with our clients, offering the benefit of our professional experience and technical know-how. Equipment can be demonstrated at your premises and, where appropriate, we can combine more than one of our products to create an integrated solution.

Buildings technology is rapidly moving towards extensive use of Internet Protocol. GD Systems can offer integrated IP solutions for:

CCTV · Access Control · Messaging and Communications  
Door Intercom Systems · Alarms

## Installation

Our installation engineers are experienced, fully-trained in our products and abreast of the latest requirements in technology and legislation. They keep up to date with best industry practice by attending training courses and seminars.

All of our work is certified to the appropriate standards and our engineers carry CSCS cards.

## Maintenance

After sales service is equally important so we offer a choice of maintenance programmes to ensure your investment carries on performing at the optimum level.

Our fire alarm maintenance programmes will ensure your continued compliance with the Code of Practice governing fire detection and alarm systems (BS5839). Our engineers are trained to the standards demanded by the Fire Industry Association (FIA). GD Systems holds National Security Inspectorate (NSI) Silver and is registered with BAFE, the independent organisation for improving standards in fire protection.

We value our customers and are proud of our customer service. You may find us a preferable alternative to your current service [maintenance] provider even if we didn't install your system.



# NURSE CALL

## Nurse Call

GD Systems specialise in the design, installation and care of nurse call systems.

We have expertise in the major wired and wireless systems - Quantec, Intercall, Aid Call, Courtney-Thorne, ARM - so we can offer the most appropriate product for a given project. Whether it's a large system for a major construction project or replacing an ageing call bell system in a small nursing home, we can design and install a system that exactly meets the project requirements.

Our systems can offer the flexibility of repeater panels with day/night sound levels or pagers where appropriate.

## Staff Attack Alarms

For staff in at-risk situations, we can provide staff attack alarms so that personnel are able to easily alert others and summon assistance.

Staff carry a small personal transmitter. When activated, this fills the area with infra-red and radio signals which are picked up by a receiver. The alarm is then sounded throughout the building and indicates the exact incident location to assisting staff.

We can supply both wired and wireless systems from Quantec, Guardian, ARM and Visonic-Spider.

## Lone Workers

If your risk assessment concludes that staff working alone require emergency communication with others, we can provide anything from a simple handset to a site wide monitoring and alerting system.

## Induction Loops

Businesses are legally obliged to make reasonable adjustments to their premises to make sure that people with disabilities aren't discriminated against. We can supply and install a range of induction loops, both fixed and portable, for assisted hearing. Vibrating pagers can be set up to alert those with hearing difficulties when there's a fire or other emergency. We can also supply a cost-effective alarm system for your disabled toilet(s).



# SECURITY

## CCTV

Closed Circuit Television as it should be. Quality CCTV demands good design and quality equipment.

We will discuss the important questions with you to ensure your CCTV performs as expected and complies with the Data Protection Act:

Are images for evidential purposes or live surveillance?

Is facial recognition required?

Is night operation required?

How long do you wish to store images?

Most new CCTV installations are network-based, using internet IP technology. Our systems can feature motion and audio detection / virtual trip wire / ANPR (Number Plate Recognition). Images can be stored on a video recorder or PC. The software catalogues the images enabling them to be easily found.

## Access Control

Access control systems allow keyless entry, either by use of a card or fob. A lost card can be easily barred from the system, eliminating the inconvenience and expense of changing locks and re-issuing keys.

Access control can also offer flexible control over users' access rights. For example, all staff can gain access through the main door of a building, but entry to internal areas may be restricted to those who have a specific need to be there. Access may also be restricted by time, only allowing particular users to gain entry at certain times of the day or night.

A networked system is easily administered from a PC where cards are issued and access rights assigned. If a building is not conducive to wiring, our systems are able to use existing computer network cabling or even wi-fi, thus eliminating the need for cable. We also have retro-fittable locks that contain the card reader and controller within the lock handle, allowing a quick, neat battery-powered installation.

Technology allows integration with CCTV and intruder alarms. For example, an unauthorised attempt at room entry could trigger a CCTV system to record the incident, alerting security staff through paging/SMS text messaging.

## Intercom / Video Entry

Intercom systems make your building more secure by allowing you to talk to callers before letting them in. Intercoms are often used in conjunction with other security devices such as access control or CCTV. We can install stand-alone or integrated systems, whichever best meets your needs.









# PAGERS

## Onsite Radio Paging

Paging can be a reliable and cost-effective messaging system. Once purchased, it is fully owned by your organisation and there are no monthly charges. A typical system would comprise of a transmitter, a means of composing the message (for example, from the transmitter keypad, a PC, a fire alarm or machine interfaces) and as many pagers as you wish.

Typical uses are:

Nurse Call · Staff Attack Alerts · Fire Alarms  
Security Alarms · CCTV Integration · Waiter Call  
Hotel Night Staff · Factory Alarms · Plant Monitoring

Ranges over a mile are possible with correct aerial selection.

GD Systems can not only offer paging, but can provide full event notification to mobile workers with our range of integrated communications modules.

Output to SMS text · DECT telephones  
Smartphone & tablets · Emails to your pager  
Full Reporting Functionality

## Pagers

Pagers are available in many different formats from simple tone alert only to full text display and even speech.

They can be belt clip types, wall or desk mounted or with nightstand for the hearing impaired.

ATEX / intrinsically safe models are available for hazardous explosive areas.

## Telemetry – Wireless Communications & Connectivity

Signalling between fire or security panels can sometimes prove expensive, particularly if it involves laying underground cables for a hard-wired link. We can provide a wireless solution for a fraction of the cost.



# FIRE SAFETY

## Fire Alarms

As well as conventional and addressable systems, GD Systems have been providing wireless fire alarms for many years.

We have small 8 zone systems that are ideal for smaller hotels and guest houses, 100 zone BS-EN54 systems capable of supporting up to 240 devices, and fully-featured, multi-repeater systems capable of protecting the largest of sites.

BS 5839:2002 requires that all fire alarms are regularly tested. A system that is not maintained cannot be guaranteed to protect life and property.

GD Systems is a member of the NSI Scheme and has BAFE registration. Our fully trained engineers can care for your system, regardless of who the original installer was.

## Redcare

Many fires occur when a building is unoccupied. Connecting your fire alarm to the emergency services will assure a swift response.

## Deaf Alerting

Where you need to alert people who are deaf or have hearing problems to the activation of a fire alarm system we have systems designed to comply with the recommendations detailed in BS5839-1: 2002.

## Fire Refuge

Current building regulations insist that all new non-domestic buildings with more than one storey provide 'refuge' areas – relatively safe places where people who cannot easily use fire escapes and evacuation lifts can call for assistance and wait until help arrives. GD Systems can design and install such systems, ranging from small single to multi-station installations.

## Emergency Lighting

Emergency lighting helps people get out of a building safely by clearly illuminating escape routes. When these routes rely on artificial lighting, the installation of an emergency system will make sure that people can always see the way out even if the mains power fails. GD Systems can advise on, supply and install a range of maintained and non-maintained lighting, including exterior, interior and exit lights, conversion kits and self-test equipment. We'll be happy to help you work out which system provides the best solution to make your premises safer.

## Fire Extinguishers

Fire extinguishers must be regularly maintained. It's recommended that they're serviced at least once a year by a competent engineer to ensure that they'll always function in an emergency. If they are, they should provide reliable fire protection for many years. Our engineers will visit on a regular basis to make sure your equipment is fit for purpose when you really need it.







# CLIENTS

Novotel  
BMW  
BBC  
OCS  
BAE Systems  
Balfour Beatty  
Haydons M&E  
Baxter Healthcare  
Alcoa Howmet  
Tresco Estate Scilly Isles  
Cornwall County Council  
RNHRD Bath  
Royal United Hospital Bath  
St Georges NHS Trust  
Oxford University Hospitals NHS Trust  
Herts & Essex Community Hospital  
Spire Hospitals  
BMI Healthcare  
Four Seasons Healthcare  
Care South  
Eden Supported Housing  
English Heritage  
National Trust  
Bristol University  
Lord Wandsworth College



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