

# GBSG

*For Complete Security*

## Protecting your Business

▶ CCTV & Monitoring ▶ Access Control ▶ Intruder Alarms ▶ GBSG Pulse®  
▶ Fire Detection & Alarms ▶ Guarding Services ▶ Gates & Barriers





# About us



**At GBSG we provide tailored security and fire solutions that protect businesses, homes and communities. With over 30 years of experience we combine our industry knowledge and infrastructure with innovation, which means that you can trust us to deliver systems that meet your long-term needs.**

We offer a full range of security, access and fire alarm detection products from survey to installation as well as monitoring within our own NSI Gold Standard ARC and RVRC. This means we can provide you with a complete integrated solution – that not only meets your needs, but also works seamlessly with our services and systems. With GBSG your security will always be in one safe pair of hands.

## Our technology

Technology can change at a fast pace and enable us to deliver better systems. We encourage innovation to make sure that we can make advances a reality, so we can install complete systems for our customers. Our

skilled, knowledgeable and dedicated team bring new ideas to the marketplace that have been designed with a specific solution in mind. Making sure that our thinking helps you to mitigate risk.

## A dedicated team

Because we have a dedicated team of engineers as well as support staff who are committed and knowledgeable, we can be sure that all of our customers receive an excellent service. As we maintain and service all of our own systems we make sure that we look after everything from start to finish and our goal is to not only give you the best system on install, but to look after that system into the future.













## High standards

We deliver systems, servicing and monitoring to high standards within our industry and we comply with service standards that mean we are delivering the right systems to meet your needs.

To ensure that we provide quality solutions and services, we are independently assessed by the UK's leading security and fire safety bodies, including the NSI, SIA, BSIA and BAFe®. Our achievement of ISO 9001:2015, for which we are again independently audited on an annual basis, recognises our commitment to quality.

We have a sound reputation as providers of high-quality products and systems and pride ourselves on the number of referrals we get from our existing customers.

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## System Information

An example of the standard equipment that you would receive with our CCTV Cameras:



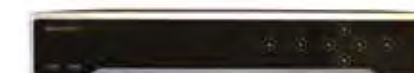
### Camera

Our high-definition IP cameras have built in infrared.



### PA Speaker

Provides on-site security audio, which allows our control room to tackle intruders.



### NVR

Our NVRs record from all cameras and transmit alarms with video to our Remote Video Receiving Centre.

## Using CCTV to prevent and protect

**With over 30 years' experience, we offer expert advice on the right CCTV tailored to meet your long-term business needs. A properly installed and maintained system will provide: perimeter security, act as a deterrent, aid prosecution and can improve business processes, which is why we work with you to ensure complete security.**

### What do you get from a GBSG system?

#### Superior IP cameras

At GBSG we only use Internet Protocol (IP) cameras to ensure that your security needs are looked after now and into the future. IP cameras offer the best flexibility and quality for CCTV, by utilising a computer network to capture, transfer, store, process and playback video data. The benefit of these cameras is that they provide enhanced clarity, wider coverage, increased control, greater flexibility and better protection.

#### High-quality images

Our cameras record at a higher resolution than standard analogue cameras. This means that they capture sharper images and have the ability to zoom into a feed without distortion. The high-quality images are of a standard that is suitable for identification and will hold up in a court of law.

Because our cameras offer enhanced image capture, they can also be fed into HR, Quality and Health & Safety processes: as live-feed and video playback can help to identify good practice and areas for improvement. We work with you, so your system can work for you, giving you tangible business benefits.

#### Excellent coverage

IP cameras have a higher resolution and wider aspect ratio which means that a single IP camera can observe a wider area than at least two analogue cameras. This means that fewer cameras are needed in order to cover a site. There is also less equipment to maintain, so this means they represent long-term budget benefits.

#### Increased control

IP cameras are networked based, so that they can be viewed remotely on a mobile device or a PC. This allows for a 24/7 view of your premises, which provides peace of mind as well as allowing for a fast response if an incident should occur.

#### Flexibility

Network based cameras have the ability to adapt and grow with your business as additional cameras can easily be added to a system as well as being easy to relocate, to suit changing environments. Historically CCTV can be problematic as it is difficult to relocate or develop, but our systems are designed to eliminate those problems.

“Through working with GBSG we realised that advances in security technology provided us with a much more cost-effective and robust security provision, helping us to save money and reduce business risk.”

**John Secker, Operations Director at Calders & Grandidge**

#### Safe and secure

We recognise the importance of also keeping your CCTV safe and secure. Because our cameras are network based they can send a distress signal, if someone tries to tamper with them. All of our data feeds are encrypted, making it impossible for the camera data to be accessed by anyone who doesn't have permission rights.

#### Round the clock monitoring

Crime prevention is far more cost-effective than dealing with a crime after it occurs. Our NSI Gold Standard for BS8418 CCTV accredited monitoring station runs 24/7 for 365 days a year, providing constant surveillance and response. By utilising monitoring, our Remote Video Receiving Centre (RVRC) will be aware of the status of your site at all times. This means that an immediate response can be initiated on verified intrusion or activation; helping to prevent incidents before they occur and ensuring the right response at the right time.

### Key Benefits & Features

- ▶ Our cameras provide enhanced clarity, wider coverage, increased control and greater flexibility
- ▶ We provide you with high-quality images that can be used in a court of law or can be used to improve business processes
- ▶ A tailored system, flexibly designed to suit your business needs
- ▶ A dedicated and experienced team, who can specify, supply, fit, maintain and monitor your system now and into the future.



Analogue Camera

IP Camera

Analogue Footage vs IP



Discover GBSG Pulse® on page 18 - 19



# Intruder Alarms

## Deterring and stopping intruders

**An intruder alarm is an integral part of any complete security solution. Alarms provide a visual deterrent as well as an active warning should someone gain unauthorised access to a site or property. All businesses and properties are different, which is why we work with you to make sure your system provides what your business needs.**

### How can a GBSG intruder alarm protect your business?

#### Knowing your risks, means we provide better protection

There are many different systems out there and not all will meet your business and insurance needs. With a GBSG alarm our qualified and experienced surveyors will help you assess the alarm that you need and offer you the right grade of alarm and monitoring to meet the level of risk that your business faces.

#### How it works

An intruder alarm consists of a control panel, detectors and an external sounder. We install, a control panel, so you can manage your alarm system, then motion detectors at key points of risk throughout the property and an external bell box, which provides the audible alarm. If the alarm is set and unauthorised movement is detected a signal is sent to the alarm panel, which activates the sounder. You can enhance your security, by using the services of our Alarm Receiving Centre (ARC), who upon activation will verify the alarm and call the police and designated keyholder.

#### Meeting the right standards

As well as having over 30 years of experience in the security industry, we are an NSI Gold approved security provider. We work in accordance with Security Standards: PD 662:2017 and DD 263. All of our systems meet the standards of the National Police Chiefs' Council (NPCC).

#### Enhanced control

We offer you enhanced control of your alarms, as all of our intruder alarm systems include zoned configurations, multiple user systems and system activity logs. This means that we can ensure that your alarm system works around you and your business and provides you with the correct level of security in the right areas. We also provide user friendly operating solutions which can include fobs, locks and remote setting as well as codes.

### System Information

An example of the standard equipment that you would receive with our intruder alarms systems:



#### Intruder Alarm Panel

With an easy to see and simple to use control system; users can easily set and unset the system.



#### Detection

Our dual technology detectors maximise performance as well as reducing the risk of false alarms.



#### Sounder

High performance audible and visual alarm to alert people to the presence of intruders on your property.

“ GBSG Ltd provide us with a complete fire and intruder package and always approach the systems with future planning in mind. For example, the control panels fitted for both intruder alarm systems have the capacity to be expanded, enabling us to add more zones as the sites grow and develop. ”

### General Manager at Rase Distribution

#### Wider business benefits

If you are looking to get even more benefit from your security solutions, we can integrate your intruder alarm systems with your business management systems through the GBSG Pulse®. The GBSG Pulse® allows you flexible control over your security systems, providing you with tailored reports and improved maintenance.

#### Enhance your alarm system with GBSG Pulse®

We have developed the GBSG Pulse® to give you more control of your systems. This would help you manage your business more efficiently, if you wanted to have messages and alerts for specific equipment, for example: the failure of utility supplies, a boiler lock-out or temperature threshold alerts. The system allows you to have alerts sent via text or email and can be configured to meet the specific needs of your business.

### Key Benefits & Features

- ▶ Our systems are designed, installed and maintained to meet your specific business needs, decreasing your level of risk
- ▶ Tailored to meet your needs, through controlled access: giving you a flexible and responsive system, with equipment that can be developed as your business grows
- ▶ A dedicated and experienced team, who can specify, supply, fit, maintain and monitor your system now and into the future
- ▶ The opportunity to enhance how you manage your risks through the GBSG Pulse®
- ▶ All of the systems that we provide meet published British and European standards, covering:



- PD 6662:2017, the UK's interpretation of European Standard EN 50131
- BS 8243:2010 hold-up alarm verification
- The National Police Chiefs' Council (NPCC) policy.



Discover GBSG Pulse® on page 18 - 19





# Access Control



## Managing access across your business

**Access control is now common within offices and across sites. It allows you to control admittance and manage both traffic and pedestrians across your site and buildings. By only allowing authorised personnel and visitors access to your site, we are able to create a safe working environment and can also protect property from theft and malicious damage.**

### What would an access control system give you?

Access control systems give you the opportunity to restrict and allow access at specific entry points; either at the point of access to your site or when people leave and enter your premises.

By utilising the latest technology, we can give you the ability to control: gates, entrance doors, barriers, turnstiles, bollards, rising curbs and internal doors. As access can be set to work by user, user level, access point and also at different timeframes, it can give you a very flexible way to handle your business.

### Making sure you have the right system

Because there is a wide range of access control systems, we talk to you about your business and site to make sure that we can recommend a system that will really work for you. We can provide proximity access control fobs and swipe cards, pin code systems as well as biometric authentication.

By understanding your risks, we are able to specify the right products that will ensure your business runs securely and smoothly.

### System integration

We can seamlessly integrate your access control as well as your CCTV systems, which means we can provide you with a secure, cost-effective solution. We can utilise vehicle registration software which uses CCTV cameras to capture a number plate, which can then be verified through software and will allow you to enable or deny access. We can also use our remote monitoring station who can allow access via an intercom, this is a particularly useful management tool if your site has a high volume of traffic. This application means that we can verify visitors as well as work through scheduled deliveries and pick-ups.

### Access control innovation

Our access control allows you to either manage this through your own on-site services or through our own dedicated NSI Gold Standard control room. Personnel can access the site via a push-button intercom which can then be answered and controlled through our control room. Individual fobs can give employees or visitors individual access that can be controlled throughout all areas of a site.

## System Information

Examples of the different types of access control:



### Access Control Reader

Connects to the main access control unit and only allows entry to authorised personnel.



### Controlled Gates & Barriers

Used to restrict entrance to a site. They can be controlled through our control room, via fob access or guard.



### Keypad, Intercom & Swipe Card

Our SIP compatible access controls only allows access to authorised personnel and visitors.

“ In terms of technical ability, GBSG outstrip any other security company that we have spoken to. We have found their engineers are very up to speed with the latest technology. We now have the optimum solution to protect our site. ”

**Peter Bateman, Managing Director at Pilgrim Foodservice.**

### Using time zones to manage your site

By limiting access within certain time zones, we are able to help keep traffic flowing at peak periods. This means that you can keep your site safe and secure and make sure your access control works with you.

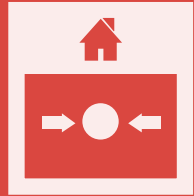
Access control can also be used to create a holding area where paperwork can be checked and verified before a vehicle gains access to the full extent of the site. Having this level of control allows for the smooth running of a site and a system that enhances internal processes and saves time and money.

Time zones can also be used to restrict internal access. This works by allowing areas to be permanently locked at specific times. Alternatively you might want to allow a free flow of personnel at a peak time, but when the office is quieter or where there may be lone-working you might want to restrict movement.

Using time zones can be very helpful in sites like schools as it gives you the opportunity to both restrict and allow a flow of access at different times; such as during lessons and outside of those hours.

## Key Benefits & Features

- ▶ Access control, creates a safe and controlled environment for staff and other users of the building
- ▶ Providing high levels of control, you can easily restrict and allow access right across a site
- ▶ Easily integrated into other security and fire systems, we offer flexible access control solutions
- ▶ With such a flexible solution, you can utilise access control to help with roll call and also integrate with HR systems to provide time and attendance reporting
- ▶ As we use SIP compatible panels, you only need an internet connection, not a phone line in order to have access control. This gives you greater flexibility
- ▶ With a variety of different products available, you can trust our expertise to find the right system that works for your needs.



# Fire Detection & Alarms



## Protecting properties and lives

**A fire alarm is an important safety component for any business. It can help protect your business assets as well as help prevent loss of life. There are many different types of alarm and detection system and we work with you to provide the right one that suits the nature of your business and also the risk of fire that your business may face.**

### Making sure your fire alarm meets the grade

Employers have a legal obligation to conduct a fire risk assessment which defines their alarm requirements. We then install a system that is fit for purpose, in compliance with the relevant British Safety Standards. At GBSG we specialise in the design of fire alarms and detection systems for commercial and public premises. All of the systems that we provide meet BS5839-1:2017 adapted to the BAFE® adopted SP203-1 scheme for designing, commissioning, installing, maintaining and handing over of fire alarms and detection systems.

### Designing a system for your business needs

To help you minimise risk, it is important that you have an effective fire alarm system that provides the earliest warning in case of a fire. A fire alarm system should meet the specific needs of your business as this will provide you with the correct levels of coverage and detection to help you reduce your risk. In order to make sure that you have the right alarm, we undertake a free site survey which we use to make informed recommendations. We also make sure that our systems are future-proof, which means that as your business grows, your fire alarm system can adapt to suit any changes and developments.

### Accurate fire detection

With over 30 years' experience of designing and installing fire alarm systems we are able to evaluate the movements on your site and business activities. Then we make an accurate assessment and recommendation to make sure your solution offers you optimum site safety.

Depending on your business, we will offer detectors that suit your environmental needs. We make sure that you have the right detectors for your business as this enables the correct and speedy detection of fires and also helps prevent false alarms.

### The right response

If there is a fire in your building, it is really important to receive a fast and accurate response so we always make sure you have the right setup.

A fire alarm system can be setup in a variety of different ways, depending on specific environments and your business needs. The right setup will reduce the overall detection time, provide the earliest alert if there is an incident and gives you the most practical solution.

## System Information

An example of the standard equipment that you would receive with our Fire Alarm Systems:



### Control Equipment

The very latest hardware and software produce a control and indication system, which is powerful and sophisticated, yet simple to use and understand. The large graphical touch screen provides a clear, uncluttered and intuitive interface.



### Detection Device

Featuring high performance, flat response chamber technology, our detectors provide a high level of false alarm protection whilst maintaining a superior fire detection capability.



### Warning Device

Our warning devices consume exceptionally low levels of electrical current and maximise the loop's capacity, to provide the ultimate in flexibility.

“ As the installation progressed with the new system and the shrinking of the old failing system the school was always left with fire alarm coverage which was a real credit to GBSG's installation team. With GBSG's proactive way of working all mock exams ran without any re-rooming or inconvenience to the staff or students.”

**Chris Williamson, Site Manager at Queen Elizabeth's High School**

### Fully integrated

Our systems can be configured so that they can control equipment: such as lifts, fire shutters, ventilation and air conditioning units. We can also integrate fire alarms with other security provisions, such as access control.

### Enhance your fire alarm system with GBSG Pulse®

We have developed the GBSG Pulse® to provide you with more control of your systems. Through the GBSG Pulse® we can help you manage the risk of fire outside of operating hours. If an alarm is activated, a signal is sent straight to our Alarm Receiving Centre (ARC), where they can respond by notifying the fire services and a designated keyholder.

## Key Benefits & Features

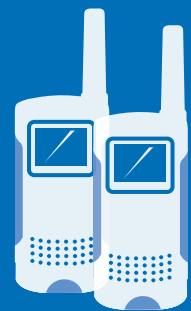
- ▶ Our systems meet BS5839-1:2017 adapted to the BAFE® adopted SP203-1 scheme
- ▶ We work with you to design a system that works with the needs of your business
- ▶ Your system can grow with you as your business develops, meaning you have protection now and into the future
- ▶ We can fully integrate your fire alarms with your other security solutions, providing you with everything you need, all in one place.



Discover GBSG Pulse® on page 18 - 19







# Guarding Services



## Flexible guarding, to suit your needs

We know that CCTV provides great security options, but we also know that guarding is a great measure that protects large sites and their personnel. We give you options in how you want to secure your site and our highly trained guards are one of the more personal choices we have on offer.

### Qualified and considerate guarding

All GBSG security guards are SIA (Security Industry Authority) licensed. This means that they are trained to spot potential threats and are capable of dealing with a situation, should an incident occur. We also recruit guards who have great communication skills and they will professionally protect your brand reputation whilst utilising their customer service experience.

### On-site static security guards

An on-site guarding solution, gives you a permanent physical presence on your site. Having a guard on-site means that you can have around-the-clock protection against unauthorised access, which helps to protect against: theft, property destruction and damage as well as other forms of unlawful contact. A GBSG guard can control vehicle and pedestrian access, manage visitors, carry out site patrols and also implement stop and search checks. We have guards at a variety of different sites.

Our guards are a regular fixture at your site, so we also make sure they meet your needs. We work with you to discuss your needs so our guards can best protect your business.

### Mobile patrols

Our mobile security guards are not permanently on-site, but instead offer a variety of security services throughout the day. These range from: providing routine checks to make sure that your premises are safe and secure, an opening and locking service that can remove the risk of lone-working or a mobile patrol can also attend an alarm activation by acting as a named keyholder. Mobile patrols usually operate outside of office hours; providing peace of mind that your unoccupied premises are being looked after.

### Remote guarding

We are always making sure that the security provision we provide meets the needs of our customers as well as the right security standards. Because of this we have developed a remote guarding solution that can give you all the benefits of site security, but has a reduced cost. We can integrate CCTV cameras, door access control, intruder alarms and movement detection analysis which means that we can carry out the same functions that an on-site guard would. Our SIA licensed monitoring operators can perform all of these security duties from our NSI Gold Remote Video Receiving Centre (RVRC).

## Service Information

Here's what our guarding services can provide:

- 1 Our guards provide an on-site presence, that integrates seamlessly with your business
- 2 We can provide static guards for sites, 24 hours a day, 365 days a year. We also offer a variety of hours to suit your business, as well as covering events and temporary contracts
- 3 SIA licensed guards can spot potential threats and are capable of dealing with a variety of situations
- 4 Our guards work with your visitors and staff to provide protection and support for the site
- 5 Our out-of-hours mobile patrols are not based permanently on site, but offer a variety of services which are available overnight throughout the week, and 24 hours at weekends and bank holidays
- 6 Remote guarding can integrate your CCTV, access control and intruder system, giving you the benefits of on-site guarding through a remote solution



All of our guards and staff are SIA licensed, so you can rest assured that they are properly trained and qualified to do their job.

## Helping you find the right solution

At GBSG, we talk to our customers about the security solution you are looking for and also assess your level of risk, the nature of the business and size of premises as well as understanding your budget for your security provisions.

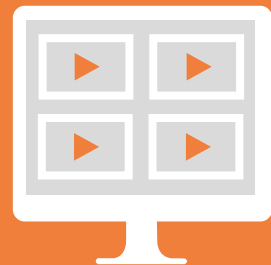
Because, we work with you to understand your business we will only suggest the guarding solutions that will work well for you. We offer a variety of guarding services to a range of customers from large food manufacturers to hospitals and find that guarding can be particularly effective with busy sites that have 24 hour operations.

## Key Benefits & Features

- ▶ We have highly trained guards and operators who are SIA licensed, which means that you get professionals who know how to protect your property
- ▶ By understanding your business and the risks you face, we are able to offer informed, tailored solutions that meet your needs
- ▶ All of our guarding solutions offer responsive action, so you can be sure that your business is protected and secure
- ▶ Our guards integrate seamlessly with your business, giving you a high level of harmonised protection
- ▶ Our services are available 24/7, 365 days a year, so you can be certain that we can meet the growing and varied needs of your business.



Discover GBSG Pulse® on page 18 - 19



# Monitoring

## Next level security through monitoring

**We provide monitoring for fire and intruder as well as our CCTV security solutions. Monitoring offers your business active security prevention, taken care of by our team based at the heart of our head office.**

### A high-standard of prevention through monitoring

Crime prevention is much more cost-effective than dealing with a crime after it occurs and using a monitoring solution alongside your security or fire safety system means that you are providing comprehensive safety measures for your business.

### What does GBSG monitoring offer?

We run our own dedicated purpose-built Alarm Receiving Centre (ARC) and Remote Video Receiving Centre (RVRC). Our centres are accredited to the highest security industry levels and offer you a way to minimise the risks your business may face. Our ARC and RVRC are both installed and maintained to ensure that they meet the NSI (National Security Inspectorate) Gold Standard. Our monitoring staff are all licensed by the SIA (Security Industry Authority).

Being based at our head office, our staff and centres are a key part of our business and by being able to deliver a full solution through one dedicated team, we can offer you a complete end to end service. Monitoring not only provides you with a high level of security, it also helps ensure your site is fully operational as our team can also use intelligent feedback to make sure your system is always responsive.

### What are the benefits?

Monitoring allows you to manage any potential risks to your business in a more sophisticated and proactive way. Monitoring works particularly well if your business is unoccupied for several hours, especially at night as the threat of fire and theft remain. Through monitoring our controllers are able to respond to a fire or intruder alert and make appropriate challenges or call the correct authorities and keyholders: giving an immediate response, should an incident occur.

Because we run our own monitoring station it means that we are able to look after your full requirements. As we have designed and installed the system by working closely with you, our monitoring team know exactly how your system and sites runs and they ensure that they are a seamless part of your business security and safety.

Our monitoring team are not only alerted to intrusion or fire, they receive alerts if you have any faults on your cameras, panels or the system in general. Sharing this information with our support and engineering teams means that we can ensure that everything works at an optimum and should we need to repair something on site, we can speak to you and schedule this in.



### Step 1: Detection

Your system picks up an alert, which could be an intruder or a fire



### Step 2: Transmission

The alert is instantly transmitted to our Alarm Video Monitoring Centre (ARC) or Remote Video Receiving Centre (RVRC), all based in our control room



### Step 3: Assessment

Our SIA licensed operators review the activation



### Step 4: Challenge

For CCTV activations with a PA speaker, the control room will tackle intruders with a verbal response



### Step 5: Contact

Should intruders persist or in the case of a fire activation, then the operator will contact both the keyholder and the relevant emergency service

“GBSG came up with a simpler, more cost-effective solution that was technically superior. We find them very helpful and approachable and it's given us the right results for this difficult site. The big bonus is the remote monitoring. We know that we can trust their control room team. They will not bother us with a false alarm out of hours which they can deal with, but we know that if there's a real issue they will tell us immediately.”

**Rupert Holdsworth, Director at Holdsworth Foods**

### Meeting the right standards

Our monitoring station can give you peace of mind 24/7. Established in 1993 we installed all new equipment and increased the overall size of the centre in 2016. Through investment in staff, equipment and systems we are always making sure that we can keep our customers secure.



We are proud of our NSI Gold certification. In order to achieve NSI Gold, companies must demonstrate that the products and services they provide meet the required standards for the security and fire safety industry. We monitor these standards ourselves as well as being audited by an NSI representative on an annual basis, to ensure we continue to provide security products and services that meet their exacting standards.



SIA licensing ensures that we employ control room operatives who are 'fit and proper' persons who are properly trained and qualified to do their job. We are also an SIA approved contractor, which helps us to continuously improve and shows our commitment to quality.

### Key Benefits & Features

- ▶ Our own dedicated ARC and RVRC means we can meet all of your security and fire risks
- ▶ NSI Gold Standard monitoring means that you can rest assured that your needs are well looked after and we meet the strictest requirements
- ▶ You can enhance your access control systems through our monitoring station, where they can control: doors, gates, barriers and turnstiles remotely
- ▶ All of our systems are designed and monitored to the BS 8418:2015. This means that you are reducing your risk
- ▶ By looking after all of your security needs from install to monitoring, we can make sure your system runs smoothly.





# Servicing & Maintenance



**Our services do not end after we install your system. What you get with GBSG is high-quality servicing and maintenance that ensures your system is in good working order. We service and maintain CCTV, fire and intruder systems.**



## Fire Alarm System Maintenance

Under legislation employers have a legal obligation to ensure that their fire alarm and fire detection system is in good working order and adheres to all relevant regulatory standards. This means it's essential to have an adequate fire alarm maintenance schedule in place.

To help businesses comply with current legislation we offer a comprehensive fire alarm maintenance package which means a full fire alarm system servicing by a maintenance engineer. This is backed up by a 24 hour emergency engineer service. Our fire alarm maintenance package meets the requirements of BS5839 and is accredited to BAFE® standards.

Under legislation the minimum requirement is that a fire alarm and fire detection system is serviced by a competent person on a six-monthly basis. However, the frequency of maintenance engineer visits can be increased to suit the size of the fire alarm system, building or environment. Your alarm systems are important and we offer the ideal package to ensure that they perform to their full ability at all times.

### A fire alarm maintenance engineer will:

- ▶ Test every manual call point and/or zone at each visit
- ▶ Test every heat and smoke detector
- ▶ Inspect every detector for damage and obstructions
- ▶ Check analogue values of all sensors for contamination
- ▶ Test the battery for condition and correct standby period
- ▶ Check that the zone plan is accurate
- ▶ Check alarm functions and indicators on control panels
- ▶ Check the operation of remote signalling to the Alarm Receiving Centre (where applicable)
- ▶ Check that the cause and effect automatic actions occur e.g. lifts go to the bottom floor, gas supplies are shut off
- ▶ Investigate any reported false alarms in the log book and correct as necessary
- ▶ Issue a service certificate.



## CCTV Maintenance

To support both Analogue and IP CCTV camera systems, we offer a comprehensive CCTV maintenance package, backed up by a 24 hour emergency engineer call-out service. Every CCTV installation is fully compliant with BS EN 50132-7 / NSI NCP104 and where remote CCTV monitoring and level one police response is required, systems can be fully compliant with BS8418.

As part of this compliance, GBSG provide a complete CCTV maintenance service in accordance with the requirements of BS EN 50132-7, NSI NCP104 or BS8418 depending on how your system is specified.

### A CCTV maintenance engineer will:

- ▶ Check that the location and coverage of each camera and detector is in accordance with the specification and system drawings
- ▶ Check that the cameras and detectors are not blocked or becoming blocked by foliage, that the fixings are secure and that the brackets are not corroded
- ▶ Verify the quality of each camera in live mode and recorded mode
- ▶ Review recorded footage of each camera at night to determine the quality of images and the available light
- ▶ Check the functionality of dome cameras including pan, tilt, zoom and focus controls
- ▶ Check each detector is providing detection inside the field of view of the camera and if the detector is associated with a dome camera, check that the detector is triggering the correct pre-set position
- ▶ Test the audio system by verifying that announcements can be heard in the associated area of each detector
- ▶ Check that the transmission equipment remains secure and check video connections, audio quality, received pictures, auxiliary/relay functions, alarm inputs and tamper protection
- ▶ Where lighting is installed by GBSG, verify integral IR lighting fitted to cameras is operating correctly and in the case of flood lighting, verify the light is angled correctly and that lamps are working
- ▶ Check the integrity of all internal and external cabling and power supplies and ensure all cables and flexible conduits are in good condition and fitted correctly.



## Intruder Alarm Maintenance

For an intruder alarm system to effectively operate it must be adequately maintained.

Our comprehensive intruder alarm maintenance package covers both preventative and corrective maintenance, backed up by a 24 hour emergency call-out service. For those intruder alarms connected to our alarm monitoring service, GBSG Pulse®, we can also provide remote servicing and fault diagnostics.

Monitored systems require a minimum of two site visits per year in order to comply with NSI and also to guarantee that your alarm system is operating to its intended ability.

When our engineer is servicing your alarm system they will thoroughly examine and test all components. If this should raise any concerns, alarm repair will become their priority to ensure the continuous effective operation of your system along with the protection of your business.

As an NSI Gold accredited provider, our engineers are regularly audited to ensure competence in meeting industry standards for the installation, maintenance, servicing and fault-finding of intruder alarm systems.

### An intruder alarm maintenance engineer will:

- ▶ Check the installation, location and siting of equipment against the specification
- ▶ Check the satisfactory operation of detection devices including deliberately operated devices
- ▶ Inspect all flexible connections
- ▶ Check the mains and standby power supplies, including correct charging rates
- ▶ Check the control unit for correct operation
- ▶ Check remote signalling equipment (intelligibility to be ascertained) where applicable
- ▶ Test (where possible) remote signalling equipment to Alarm Receiving Centre
- ▶ Check all audible warning & alarm devices
- ▶ Check the system in accordance with the customer handbook.



# GBSG Pulse®

## Giving you more with the GBSG Pulse®

At GBSG we are always looking at ways we can improve what we offer to our customers. This is why we have developed the GBSG Pulse®. This seamless technology sits at the heart of our systems and gives you more control.

### How it works

1

All of your security devices, including CCTV cameras, fire alarms, access control panels and intruder alarms are connected to the GBSG Pulse®. These can be easily added or removed as your business requirements change.

4

The GBSG Pulse® comes with the support of our dedicated helpdesk team, who can offer a variety of help: including changing access codes and permissions.

2

A dual path signal sends all performance data to our monitoring centre at GBSG. Meaning if one line is damaged or attacked then the signal won't be affected.

24/7 monitoring means if an alarm is activated we can investigate the cause immediately and if needed notify the keyholder as well as the relevant authorities.

5

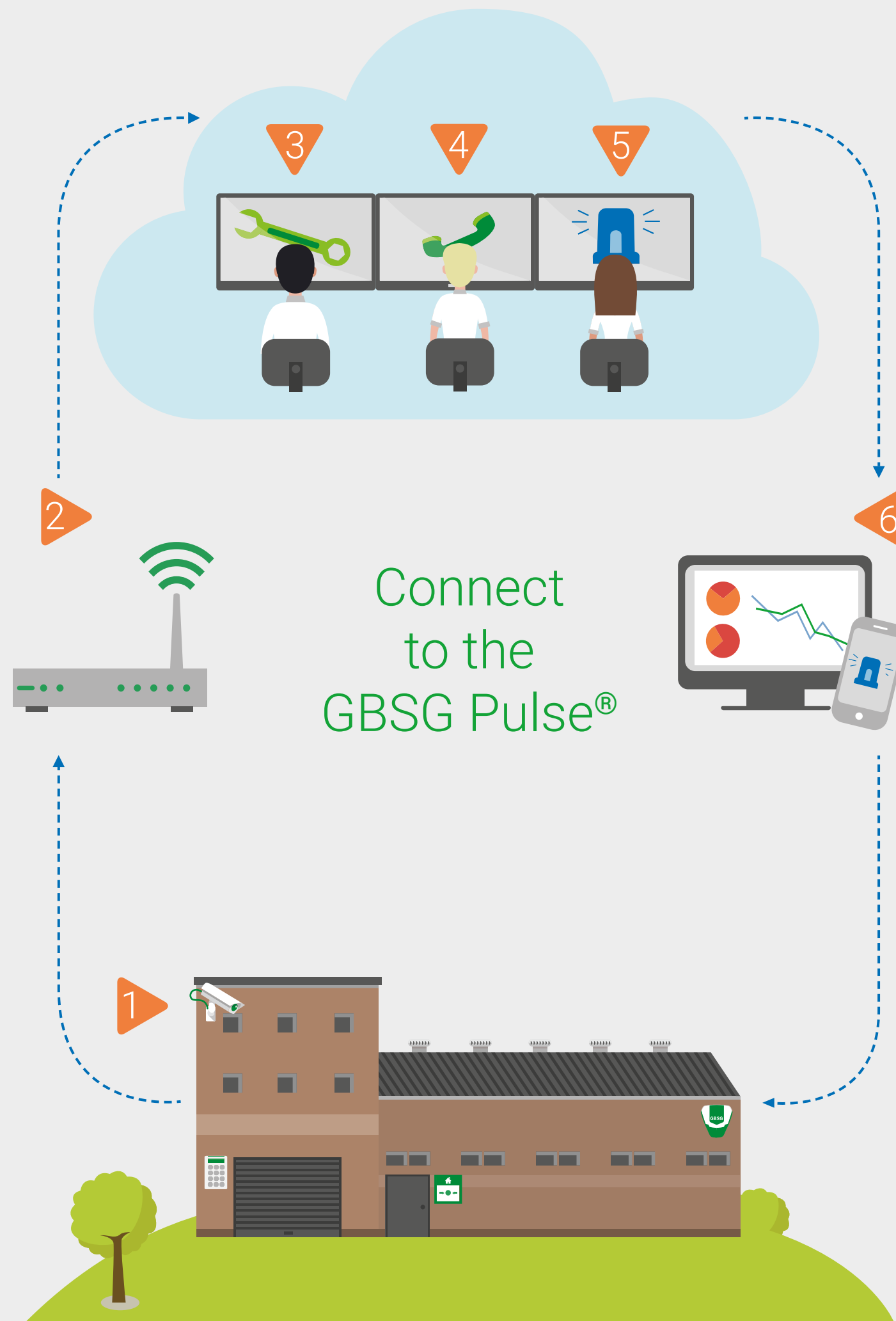
No matter what system you have: fire, intruder or CCTV, you can have reports produced that are tailored to you. These might show you when someone last accessed a site or when an alarm was set.

3

With a system that constantly checks itself and reports any faults or issues to us, our helpdesk technicians are able to remotely diagnose the system and make sure it is working. This gives you a quicker, more convenient and cost-effective way of managing your security, with the reassurance that your system is always working as it should be.

6

You can receive a variety of reports tailored to your needs. They range from a full report on site status or could be individual alerts about a specific action that has occurred: all reports can be easily accessed on a desktop or smart device.





# History of GBSG

► 1979

Began trading as HB Alarms and installed our first intruder alarm



► 1987

First large scale CCTV install



► 1982

NSICIA - accredited (now known as NSI)

► 1991

1991 took over a Britannia Alarms, office in Lincoln

► 1994

Monitoring station opened and started installing and remotely monitoring CCTV



► 2000

Remote guarding solution developed

► 2003

New Directors appointed:  
Dave Simpson - Intruder & Fire  
Neil Jackson - CCTV & Access

BS8418 released

► 2013

Stephen steps down as MD, becoming the Chairman and hands over the reigns of MD to Neil Jackson

► 2009

Re-branded to become GBSG, reflecting our diverse range.



*For Complete Security*

► 2018

Across all GBSG companies we have 64 members of staff which includes engineers, CCTV operators and office support

► 2016

Monitoring station upgrade, to cope with expansion of business

► 2004

NSI Gold achieved for ARC and RVRC to include BS5979 and BS8418



► 2014

Helpdesk introduced to improve our service

► 2017



Largest provider of solar farm security in the UK

Expanded in mainland Europe with remotely monitored detection activated CCTV

► 2012

First fully integrated alarm and RVRC when ESI software installed into the control room

Our first solar security installation

New tailored systems help us to expand nationally across the country

► 2001

Neil Jackson involved in BSIA development of standards for remotely monitored CCTV: BS8418

► 1999

GB Monitoring formed



GB MONITORING

► 1992



Dave Simpson joins the company

► 1990



Neil Jackson joins the company

First large guarding contract



► 1981

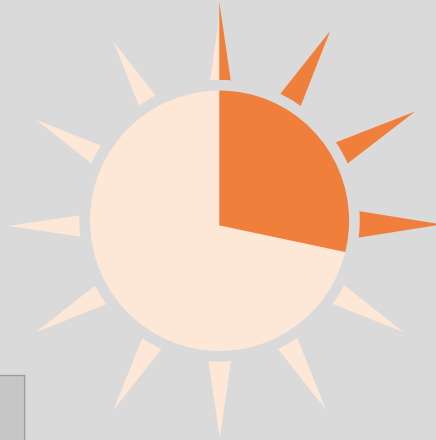
First fire alarm install



► 1984

Stephen Wright joined George Barnsdale and Sons and GB Alarms began

# GBSG Facts



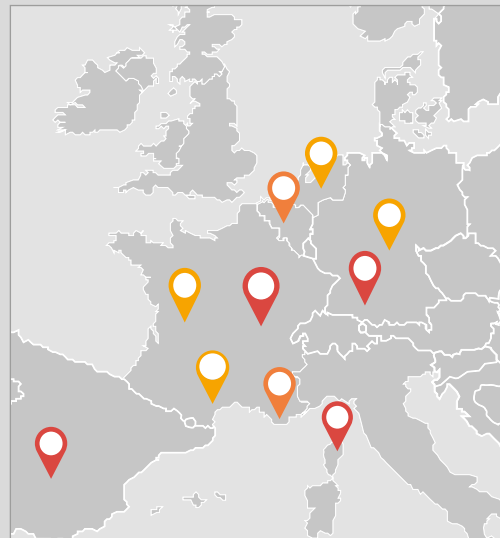
We provide security for over

# 39%

of the solar farms in the UK

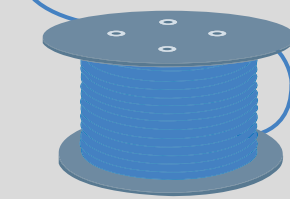
This is more than 250 sites

We even provide security for a number of solar sites in Europe.



We use roughly

# 150,000 metres



of cable a year

In 2019 we will celebrate our



We work in a variety of sectors:



transport



GPs



manufacturing



construction



schools

to name a few

We are one of only a handful of companies within the UK that offer a complete security solution that can be monitored through our own ARC and RVRC

We have developed a unique unintrusive system to help protect church roofs



In the last

# 12 months

we have carried out around

# 3,800

maintenance visits



Our accreditations:



Our Managing Director, Neil Jackson, is a respected voice in the security industry having been a key player in the working group which looked at BS8418:2003 and also the current updated standard (BS8418:2015).





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