

# **ABOUT US**

KSE specialise in the design, installation, service and maintenance of commercial security systems. In the last 11 years the company has been involved in many projects including hospitals, railway stations, shopping centres and data centres, either directly to the client, or as the specialist sub-contractor for electrical and M&E companies. Our systems include access control, video security systems, intrusion detection, fire protection and remote monitoring.

We can provide full system design and installation, or supply and commission only.

We have a flexible approach to working with both clients, facility management companies, public sector organisations and M&E companies, preferring to work together as a team, with transparency and integrity.

As an independent company we have relationships with most of the leading manufacturers and these partnerships allow us to offer our customers the most appropriate solutions to meet their operational requirements.

KSE partner with EMCS to provide a state-of-the art control centre, where they monitor our fire and security systems and call the relevant authorities, should an alarm signal be transmitted. EMCS also monitor our video security systems remotely, calling the customer directly if any movement is detected at their site. They also manage our out of hours call out facility for any customers who subscribe to our 24-hour service facility.

Our Service and Engineering teams are based in London & the South East of England and provide a highly responsive local service. They look after all aspects of your security and fire system requirements from system design, installation and servicing through to aftercare servicing and monitoring.

We hold SSAIB accreditation for intruder alarms, video security systems and access control systems, and our partner fire alarm company hold BAFE SP 2013 -1 for the design, installation, commissioning and maintenance of Fire Detection and Fire Alarm Systems.

We are SafeContractor Approved and hold SafeContractor PQQ

We are Cyber Essentials Certified











## **VIDEO SECURITY SYSTEMS**

Around the world, video is a deployed as a powerful tool for deterring, monitoring and responding to security threats. With a high level of expertise in video security solutions, we help businesses across the UK gain best value from the most advanced video technology available on the market today.

Continual advances in video technology are largely thanks to the evolution of digital connectivity, which has accelerated the development of telecommunication networks across the globe and shifted the market away from traditional analogue CCTV systems.

The modern-day video security system offers more than just a picture on a screen. The advantages of video over IP are pushing the security industry forward and the latest VSS for business and public safety applications offer a number of features, ranging from High Definition image quality to deep learning Artificial Intelligence.

At KSE we work with well-established VSS manufacturers and proven software developers to help our clients harness these innovations - providing design and installation, maintenance and monitoring, and advanced integration.

The latest advances and features in Video Security surveillance can ultimately reduce the number of cameras needed to cover a site. The introduction of video analytics and appearance search technology, enables proactive management and rapid response to any incident.

Investing in a Video Security System demonstrates your commitment to the protection of both your employees and your customers, as well as securing your assets and premises. It may also help with minimising opportunities for theft, monitoring and evaluating safe working practices, reducing false liability claims, protecting buildings and assets and monitored systems can sometimes reduce or eliminate the need for manned guarding.

Security integration describes the process of connecting more than one security system together onto a network, then managing them from specialist security software platforms called Video Management Systems (VMS). As an independent provider of integrated security systems, we're able to test, evaluate and implement products from the leading security technology manufacturers, so our clients are always assured of the quality and compliance they stand to receive from the advancement into integrated security.

Integrated security systems allow you to create cause and effect. For example, if an intruder alarm is activated, an action can be automatically triggered, such as presenting the nearest CCTV camera feed to visually verify what's happening in real time. Another trigger could be the opening of a door fitted with access control. The possibilities are endless, and it all depends on what you wish to achieve as part of your security strategy.

Our Video Security Systems and Integrated Security Systems are suitable for any size of installation. From entry level to large scale, multi-site requirements.

Facial Recognition Systems are able to automatically identify a face from within a crowd of individuals. The applications use sophisticated software algorithms to determine a match to information that has been previously stored.

It was originally designed as a counter-terrorism measure to assist police investigations. However, applications for facial recognition can range from shopping centres being alerted automatically when persons of interest are present, through to control systems that only allow access to specific individuals.

### **ACCESS CONTROL SYSTEMS**

Access control is an electronic security system that enables organisations to control who can access a building, open a door or enter a specific area. There are many types of access system, from door entry systems that use electronic locks and intercoms, to gates, barriers, turnstiles and more advanced biometric technology.

To gain entry, a person must have the correct access control credentials. For example, there may be areas of your building which are for employees only. By providing employees with a means to open the door, such as a key code, access card or proximity fob, your people, assets and intellectual property remain protected from anyone that doesn't have authorisation.

Verify visitors, protect your people and secure sensitive areas of your business premises. It's all possible with an access control system. Discover how our range of access control systems can help you enhance security and gain valuable occupancy data.

When used in conjunction with other security systems, such as video and Automatic Number Plate Recognition (ANPR) analytics, you can receive the benefits of more secure dual-factor authentication and vehicle access control.

Security challenges in large-scale commercial and warehousing facilities are diverse and complex. These spaces often house valuable assets, making them attractive targets for theft and unauthorised access. Additionally, ensuring the safety of personnel and maintaining a secure perimeter are constant concerns. Robust access control measures are essential to mitigate these risks and uphold the facility's security.

When integrated seamlessly with other security measures, access control systems significantly enhance the overall security posture of any commercial building or warehouse.

Biometric access, physical access control, smart readers and video surveillance can work together to create layers of security. Biometric access ensures that only authorised personnel gain entry to specific or sensitive areas, while smart cards provide a trackable means of access.

Turnstiles and barriers are more obtrusive and add a physical layer of security to help maintain the integrity of a facility's security.

Video surveillance complements these measures by offering real-time monitoring and recording, potentially acting as a deterrent and aiding investigations. Effectively managing access permissions is crucial, preventing unauthorised individuals from compromising the facility's security. By combining Video Surveillance, Access Control and Artificial Intelligence we can provide powerful and unified security solutions to help proactively monitor and secure your business premises, or vehicles, whilst allowing authorised visitors and employees access.

Quick to identify and alert operators of potential threats as they occur, minimising the risk of any dangerous or difficult situations.

Easily add, adjust or delete user access privileges.

Integration with Building Management Systems.

#### INTRUSION DETECTION SYSTEMS

Protecting your premises against the threat of a break in requires effective intrusion detection and monitoring. Using tried and trusted intrusion solutions, we help businesses of all sizes minimise loss, and strengthen the security of their property and perimeter.

Intruder detection: Your first line of defence!

Intrusion Detection Systems use electronic security technology to deter, detect and deny the threat of intruders, burglars and trespassers seeking to force their way into your premises or breach your site perimeter.

There are a several types of intrusion detection system. The most common use of intrusion prevention systems is to protect individual buildings and their contents, particularly at times when a building is unoccupied, such as overnight or during holiday periods.

For organisations with large sites or an extensive site perimeter to monitor, additional technologies are available to create a Perimeter Intrusion Detection System.

The importance of intruder alarm monitoring.

If an intruder is detected by your alarm system, real action can only be taken if the right people know about the threat as soon as it happens. This is where the value of alarm monitoring comes into it's own.

When linked up to our round-the-clock monitoring service, you can rely on the fact that immediate action will be taken - such as contacting you, your nominated keyholders and if eligible, the Police.

Monitored systems can help you minimise losses, reduce the cost of your buildings insurance and raise the chances of catching criminals in the act.

Intruder Alarm Systems are often a mandatory requirement for commercial insurance policies. Our experienced team will conduct a risk assessment based on the structure of the premises and their contents.

We will advise on the grade of system and the protection best suited to your operational requirements.

A security system is only as good as its ability to detect. Your reputation, your business, your future and your customers' wellbeing, all depends on making the right choice of motion detection.

Our Texecom Monitoring solutions offer signalling to leading Alarm Receiving Centres and is part of Texecom's suite of digital solutions specifically designed to help you grow and optimise your business. Texecom Monitor is accessed via Texecom Cloud.

Our "Ricochet" mesh networking wireless technology delivers more performance than any other wireless security system. Ricochet enabled wireless devices receive and repeat wireless transmissions from other devices.

We are a Texecom Registered Installer.

### FIRE DETECTION SYSTEMS

KSE are a specialist Security Systems company with many years industry experience at all levels. In our tender processing we often get asked to include for the Fire Alarm System in our tender returns.

The only way we can do this is to be transparent and acknowledge that we partner all the time with a 3rd party Fire Systems Company, who we have worked with for many years.

They are BAFE SP203-1 accredited and their comprehensive service includes the design, installation and servicing of fire detection and alarm systems to BS5839-1:2017. They offer a full installation package, or a supply only & commission package if you wish to install the cabling yourselves.

Fire Alarm Systems are categorised into three main types; Conventional, Addressable and Wireless. To determine the most appropriate fire system it is important that a fire risk assessment is carried out. Our qualified designers are able to accurately recommend the most appropriate fire system for your premises.

When working together on major projects, we have seamlessly integrated their fire alarm systems into our access control systems, making sure that we all conform to the correct regulations with regard to exiting a building in an emergency.

Without regular maintenance, even the very best equipment is at risk of deterioration and failure. Our comprehensive maintenance agreements are designed to meet your specific operational requirements. Planned preventative maintenance in accordance with the manufacturers specifications significantly reduces the risk of system failures.

Effective fire detection protects your business, saves lives, and helps you meet your fire safety responsibilities. Our fire detection and business smoke alarms use industry-leading technology to offer reliable early detection of fire, together with false and unwanted alarm prevention that safeguards lives and avoids business disruption.

We can also offer the following Fire related services.

Fire Risk Assessments

Fire Training

Gas extinguisher systems

Fire extinguisher supply and maintenance

# RECENT AND ONGOING PROJECTS

Supply, install and commission a new 80 Camera Hanwha Video Security System at major Data Centre in Watford Hertfordshire UK.

Direct to Client...

New integrated Security System installation in major refurbished development in Paddington, London W2. Consisted of 457 cameras on Video Security System, 313 doors on Access Control System, 168 flats with Video Entry system as well as a building Intruder Alarm System.

Subcontract over 2 years for major global Security Company.

Additions to Academy School in North London on the Access Control System, consisting of 20 new Access Controlled Doors and a complete overhaul of the existing system.

Direct to Client.

Overhaul, pending new installation of the 90 door Access Control System at landmark building in Lower Thames, London.

Subcontract to incumbent Electrical Company.

New Access Control Installation of over 300 doors in major hospital in Medway Kent. Included setting up the networks with the hospital IT department on the clients behalf.

Subcontract over 12 months for local Infrastructure Company.

South Eastern Rail new 31 camera supply, install and commission new Bosch Video Security System fit out of station in South East London / Kent.

Subcontract to Main Contractor.

Major refurbishment of the Intruder Alarm System and VESDA Fire Systems at London Residence of Middle East Dignitary. Upgrade 200 zone Intruder Alarm System and replace one of the 4 VESDA systems.

Direct to Client

Supply and Install new multi zone Intruder Alarm System and 25 camera Video Security System at famous music venue in London NW1.

Subcontract to Electrical Contractor



Access Control, CCTV, Intruder and Fire Detection Systems. Design, Integration, Installation and Maintenance.

















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