Perimeters and Site Protection

Dedicated teams to deliver systems and software upgrades, service and support.

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Evolution®
(Electronic Security Systems) Ltd.

Understanding perimeters

In protecting almost any site, security starts at the perimeter. Businesses need to work with a systems integrator that has the technical knowledge and experience of both the hardware and software required. They also need a partner that understands the design and practical considerations of each site, taking into account a variety of physical barriers and environmental conditions.

For more than 20 years, Evolution has been working with UK, European and International clients to deliver solutions that protect buildings and critical assets from the outside in, with particular expertise at the perimeter.

Practical solutions

We understand that different customers have different needs. No one site is ever the same, or presents the same physical or practical challenges. That's why we tailor our solutions accordingly. With our in-house design team and the use of the latest AutoCad technology, we can create an optimum perimeter solution balancing a high probability of detection (PD) with False Alarm Rate (FAR) taking into account the risk you need to address and overcome.

We will guide you through the large range of products and systems available.

Full range of products and systems

We use the full range of cost-effective and high-technology products and systems, depending on need. Evolution can recommend and install the appropriate specification fences, gates and barriers, working with some of the best manufacturers in the field to create a defined, physical barrier, whilst allowing those with authorised access to pass with minimal delay.

World-class detection technologies

To detect an incident at the perimeter, we similarly partner with best-in-class manufacturers of every type of detection technology, from fence vibration systems to the latest laser scanners, and every point in-between including microwave detectors and infrared beams. We understand the use and application of video analytics. To see, record and review an incident while it is happening or subsequently, we can work with virtually every type of specialist camera system from fixed, ruggedised PTZ and dome cameras, through to low light and white light technologies.
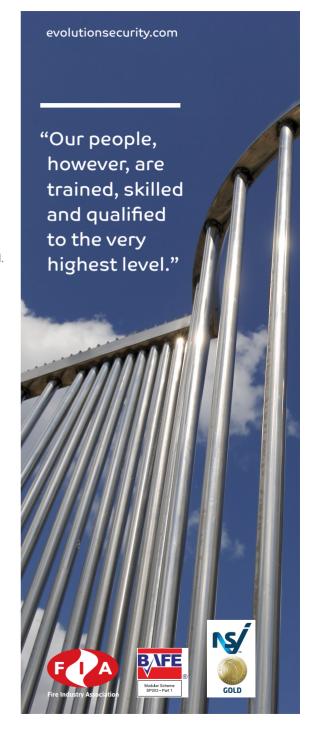
Specialist thinking

For the largest sites, where you need to see long distances at night, we can also work with the very latest thermal cameras that

provide optimum performance even in the poorest light conditions. We can also design solutions that are 'end-to-end', including the control rooms from which perimeter activity can be monitored.

Quality of installation

When a perimeter system fails to meet the customer's needs, it is invariably because it has been poorly designed, or poorly installed. Our people, however, are trained, skilled and qualified to the very highest level, working with clients with different experiences of risk, from high-end government and critical infrastructure, to large commercial or industrial complexes with perimeters of up to 20 kilometres in length. We understand i-LIDS, CPNI, ATEX and a host of other guidelines, benchmarks and directives to work in the highest of high-security environments; but we also understand the challenges faced by lower risk sites, who also have a duty of care to ensure their property is protected.

If you would like to know more about how Evolution can help with your perimeter protection needs, contact us on **+44 (0) 1628 530 380**.

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FIA
Fire Industry Association

BAFE
Modular Scheme
SP203 - Part 1

NSI
GOLD

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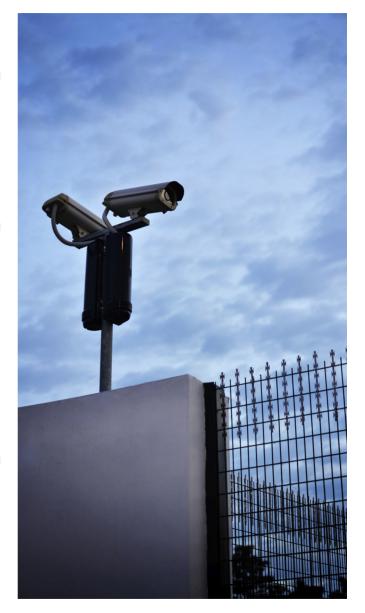Birmingham, B24 9FE
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