

Products

- Securi-Mesh® fencing and gates

Background

Jacksons Fencing has been specified to secure an extremely complex data centre site for one of the UK's largest Telecoms and Internet Service Providers (ISPs). Following a competitive tender, Jacksons was selected to complete the project despite quoting a higher price, simply because the client had confidence in the company's ability to provide the required solution in full.

The facility hosts state of the art technology that must be adequately protected against present day threats including activism, sabotage, trespass and terrorism. Data centres are classed as critical infrastructure due to the fact that a breach can have severe consequences on public safety and service availability, both of which may have serious national security implications. As part of a comprehensive security plan that encompasses cyber and physical threats, an extensive high security perimeter was required to provide the required level of protection.

A team of experts from Jacksons Fencing was tasked with providing design support and project management to ensure that the 20,000m² facility was adequately fortified. However, there were a few challenging aspects to contend with including conservational and topographic.

The main concern was that of Great crested newts, a European protected species whose habitat is local to the area. As the animals and their eggs, breeding sites and resting places are protected by law, planning permission was required before any work could take place. Another issue for the installation teams was the uneven landscape with pronounced natural contours which required a full ground scan to assess the location of critical power supplies.

The on-site project team addressed all the challenges and installed a unique solution that met the stringent security requirements. Jacksons' Securi-Mesh® fencing, incorporating a standalone Perimeter Intrusion Detection System (PIDS) and Securi-Mesh® gates – single leaf manual gates and a double leaf automated swing gate – were specified to protect the facility. The combination of physical and electronic security now provides the site perimeter with an extra layer of security that integrates with CCTV and other remote monitoring technologies to provide a complete solution.

Designing an effective security plan requires an understanding of the various risks, potential threats, environmental concerns and topography of a given site. Once potential security threats have been identified and assessed, it is important that the right products are specified and installed correctly taking into account legislative and operational requirements.

Jacksons Fencing has been in the business of perimeter protection for over 70 years providing a full mix of solutions complete from design support to installation and maintenance. Protecting and securing sensitive sites around the UK, its project teams have a vast wealth of experience supported by a range of products that can meet the highest security requirements.

For further information on products featured visit: www.jacksons-security.co.uk

