



Balancing security and aesthetics for Kao's state-of-the-art data centre

**Jacksons
Fencing**

Products

- 172 metres of Securi Mesh Plus SR2, 3 metres high
- 3 single leaf Bi-Folding Speed Gates 1.2 metres wide
- 1 double leaf gate 5.4 metres wide
- Rising Arm Barriers 4.0 metres wide

Kao London One, situated at the heart of the London-Stansted-Cambridge corridor, is one of the UK's most advanced data centres. The facility features state-of-the-art technology, offering world class capabilities for a variety of local, national and international data driven industries such as media, banking and retail. In the UK, data centres are classed as critical infrastructure, where a breach can have severe consequences on public safety and service availability, consequently, they must be protected against a range of cyber and physical threats including sabotage, terrorism and trespassing.

The first phase of the £200million data centre campus was completed at the start of 2018 and required a robust and extensive high security perimeter solution.

Throughout the project Jacksons worked closely with JCA, the principal contractor for the design and build of Kao London One. JCA's innovative use of technical infrastructure and building engineering expertise delivered Kao Data a market leading facility that provides the highest standard of efficiency, resilience, connectivity and operational sustainability.

To meet the stringent security requirements of the 32,000sqm site, Jacksons installed 172 metres of Securi Mesh Plus SR2, galvanised and polyester powder coated RAL 6005 (green), three matching bi-folding speed gates to control access and egress to the site and three 4 metres rising arm barriers.

Installed around the perimeter at a height of 3 metres and featuring double skinned mesh up to 2.4 metres, Securi Mesh Plus SR2 provides an ideal solution for high security sites such as Kao London One. Accredited by LPCB and Secured by Design, having achieved LPS 1175 SR2 certification, the fencing is resistant to attacks from a range of tools and features a number of anti-climb properties, while also providing an aesthetically pleasing appearance.

With access control and egress being imperative to the site, and to avoid impeding on the day to day operations of the data centre, Jacksons installed a double layer of security, combining 4 metre wide rising arm barriers with automated Bi-Folding Speed Gates. Hydraulically operated and with minimal moving parts, Bi-Folding Speed Gates produce a smooth and fast action, perfect for facilities where the speed of opening and closing is essential for the security of the premises.



Securi Mesh Plus SR2

Tom Absalom, Managing Director, JCA, commented:

“This end-to-end construction project demanded a high level of perimeter and gate security but also aesthetic appeal, to complement the cutting-edge building design. Our business has a rigorous approach in the selection of subcontractor partners and we expect excellence in both competence and co-operation, in order that projects are completed on time and on budget. Jacksons Fencing delivered a first-class service and brought significant experience and knowledge to the process. We would certainly work with them again in the future.”

Cris Francis, Head of Commercial Sales at Jacksons Fencing, commented:

“Jacksons successfully balanced the need for security, access control and aesthetics to deliver a robust and complete perimeter security solution for the project at Kao London One. With data centres now playing a vital role in the UK’s infrastructure, we were delighted that our products were chosen to secure such a significant site, it is a testament to the high quality of our products and the expertise of our team.”

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