

Gyron Internet - Net2 Software Manages Secure Access to 50,000 sq ft Data Centre

Type of site:

Data Centre

Location:

Hemel Hempstead, UK

Number of users/doors:

- 32 doors
- External carpark barrier and bollards

Solution required:

- Increased security
- More advanced access control system
- Ease of use & value for money

Result:

- Audit trail of employee and visitor movement around the site
- Flexibility to manage staff access permissions with ability to amend regularly
- Anti-Pass Back and man trap systems to prevent tailgating into site

Paxton products used:

- Net2 Entry
- Net2 software
- Net2 plus controllers
- Net2 I/O board
- Proximity Metal HID™ readers

Integration:

- Milestone video management software
- Iris recognition reader



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The software is so intuitive, we can make our changes to the system as and when we need. I do not think it could be made any easier.

Robin Balen, Managing Director
Gyron

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Gyron are a leading provider of data centre services. The dynamic company has grown consistently, leading them to require more space than they had available at their London Docklands facility. A new data centre was opened at Hemel Hempstead, giving Gyron the capacity to continue growing their business. The 50,000 square feet 'Centro' facility has been set up to offer customers the highest standards for colocation and managed hosting.

Requirement

Gyron have a diverse range of clients, from government departments and large IT consultancies to multi-billion dollar global enterprises. One of the crucial requirements for their clients is the high level of security provided at Gyron's facilities. An important part of the security offered is the access control system. Robin Balen, Gyron's Managing Director, says: "Without access control, we wouldn't have any customers." Having researched the access control systems on the market, Robin came across the Paxton website and became very interested in Net2, the PC based, networked access control system, for use at the Centro site.

Solution

Net2, Paxton's networked access control system, now controls 32 doors on the site, providing the flexibility needed, and the audit trail that is essential for Gyron's business. Visitors to Gyron's premises pass through stringent security checks, starting with the car park, which is protected by barriers and rising bollards. Net2-compatible HID readers are fitted; allowing only authorised personnel to gain access to the site. The entrance to the building itself is protected by two doors, a user must present a valid token to gain entry. Access through the second door is not permitted until the first door



has closed and no one can gain access through the second door if their token has not been read on the first, preventing the possibility of tailgating.

Visitors can only be granted access by an authorised member of Reception staff, however they cannot gain access to any other area of the site without being accompanied by a member of staff, or being issued with a valid visitor token.

Extra protection has been taken with the installation of a full height, bullet proof glass booth, used to protect the secure data centre area. The user must present a valid token, followed by iris recognition, and an ultrasonic scan to ensure that only one person is present. The iris reader is integrated into the Net2 system, giving a full event log of people moving into and out of this highly secured area.

All external fire doors are monitored by Paxton I/O boards, in the event of any unusual activity a notification will be sent to on-site security officers, along with relevant CCTV footage captured by Milestone video management.

Result

The Net2 system has been employed to make stringently securing the Gyron site straightforward, in anticipation of their impending expansion plans for the site.

Ben Miller, Gyron's Operations Director, says: "We expect to be fully occupied in this building fairly rapidly; we will then be looking for our next facility." The Paxton Net2 system has the capacity and capability to grow with the business.

