

CASE STUDY: **FOSTER & PARTNERS**

COMMERCIAL

**BRIEF**

**Foster & Partners Architects had 4 requirements:**

1. Fire & Security System Integration
2. Access Control & CCTV Upgrade
3. Graphical Mapping
4. Rapid Response Service & Maintenance



**SOLUTION**

**1. UPSCALE**

Foster & Partners head offices in London utilised a multitude of independent fire and security systems. The requirement for integration was essential to the operation and smooth running of the facility. Interfaces were created for the fire alarm system so as to allow for system integration with the security systems in place.



**2. MONITOR COSTS**

The access control system was upgraded to Siemens SiPass Integrated which is at the forefront of the integration marketplace and all control equipment was networked accordingly migrating from the antiquated RS485 connections in place. This allowed greater flexibility and control of the system by transferring data over the client WAN and LAN.



### 3. BESPOKE SYSTEM

The 110 No. analogue CCTV system was upgraded to IP allowing for 2 and 5 Megapixel cameras to be utilised throughout the site ensuring that all areas of the site were covered using fewer cameras than would have been required with analogue, due to the increased quality of footage being provided throughout the IP system.

## CHALLENGES

Graphical maps were created by Ansador networking engineers and CAD operators. These maps were synchronised to the new video wall operating in conjunction with a detailed cause and effect which had been prepared at the design stage.



## RESULT

- By integrating the Access Control, CCTV and Fire Alarm systems, the client was able to reduce administration costs across the board and ensure a swift resolution to faults throughout the site.
- The access control system upgrade allowed the client improved audibility on the system so as to recognise the system user for any changed made on the system. The improved reporting functionality from the system reduced administration costs to the client and allowed for information to be exported via CSV files for third party HR requirements.

- The design and planning stages of the project were crucial to the smooth integration of the systems. Having confirmed a detailed cause and effect strategy, the system now recognises alarms through the access control and fire alarm systems and ensures that designated IP cameras are automatically flagged onto the video wall to provide the security team to real time footage of current events occurring throughout the site.
- With an integrated system now in place operating over the client LAN, Ansador ensure that reactive service engineers are never too far away with a 2 hour rapid response contract in place. Network engineers can be on site in under 2 hours from the moment a request is made.

## FACT BOX

### Systems Used



Siemens SiPass integrated



Siemens IP CCTV

### Service



Integration & Graphical Mapping



Fire Alarm



Access Control



IP CCTV