

Case study

Innovative IP solution for Weybridge business park



Innovative IP-based CCTV technology is at the heart of a security system installed by Siemens at The Heights in Weybridge, a prestigious campus-style business park development on the site of the historic Brooklands motor racing circuit.

The requirement

Working closely with the Siemens team and with system designer and project consultant Peter Brett Associates, DTZ-PRUPIM took the decision to specify TCP/IP network technology for this important project on the grounds of performance, flexibility, value for money, and also because it would provide the best possible degree of future-proofing.

Solution

DTZ-PRUPIM, one of Europe's largest real estate investment companies, and Peter Brett Associates had both been very favourably impressed by the service delivered by Siemens on previous projects.

At The Heights, Siemens has provided a total of 19 exterior and interior column- and wall-mounted PTZ dome cameras. These are distributed between the five

three-storey office buildings, totalling 32,800m² of accommodation, which make up the current phase of the development.

Siemens has also provided the electrical systems to support the CCTV installation, and the dedicated TCP/IP network that covers the whole site. The main sections of the network were implemented using Gigabit optical fibre, and are complemented by smaller segments of Category 5 copper cable, allowing an optimum balance to be achieved between performance, flexibility and cost.

Images from all cameras are streamed via the network to the site's security lodge where monitoring and control facilities, together with a network video recorder (NVR), have been provided. The NVR has a total capacity of 2 Terabytes, which allows the images, recorded at three frames per second, to be stored for 31 days before they are overwritten.

Each of the five buildings on the site also has its own monitoring facilities for viewing images from the internal and external cameras directly associated with that building.



A Siemens control room

Technological excellence

Siemens designs, installs and maintains customised electronic security and safety solutions to safeguard your people, processes, information and assets. We deliver some of the most advanced electronic technology in the world, combined with support from highly trained and skilled staff.

Our bespoke solutions are designed to adapt to meet your changing needs and legal obligations.

We are proud to have won many national and international awards for our innovations and achievements.

In combination with colleagues within the Building Technologies Division of Siemens, we can deliver a complete portfolio of building services including energy management.

Economic solutions

Siemens also provides financial solutions that are tailored to meet the business needs of your organisation. These finance packages give you greater choice, both now and in the years ahead, delivering improved cash flow, guaranteed fixed annual costs and regular upgrades to the latest technology.

The programmes are financed directly from within Siemens.

Maintain the performance of your system at all times

Our award-winning customer care packages mean that we work in partnership with you to ensure optimum equipment and service performance throughout the life of the system.

High level skills and a broad range of service offerings means you can be assured of a working system at all times and avoid any unexpected and costly repairs.

Highlights

- TCP/IP network technology for performance, flexibility, value for money, and future-proofing
- Optimum balance achieved between performance, flexibility and cost
- Images from all cameras streamed via the network to the site's security lodge for monitoring, control and storage
- Each of the five buildings on the site also has its own monitoring facilities for images from their own internal and external cameras

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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.