



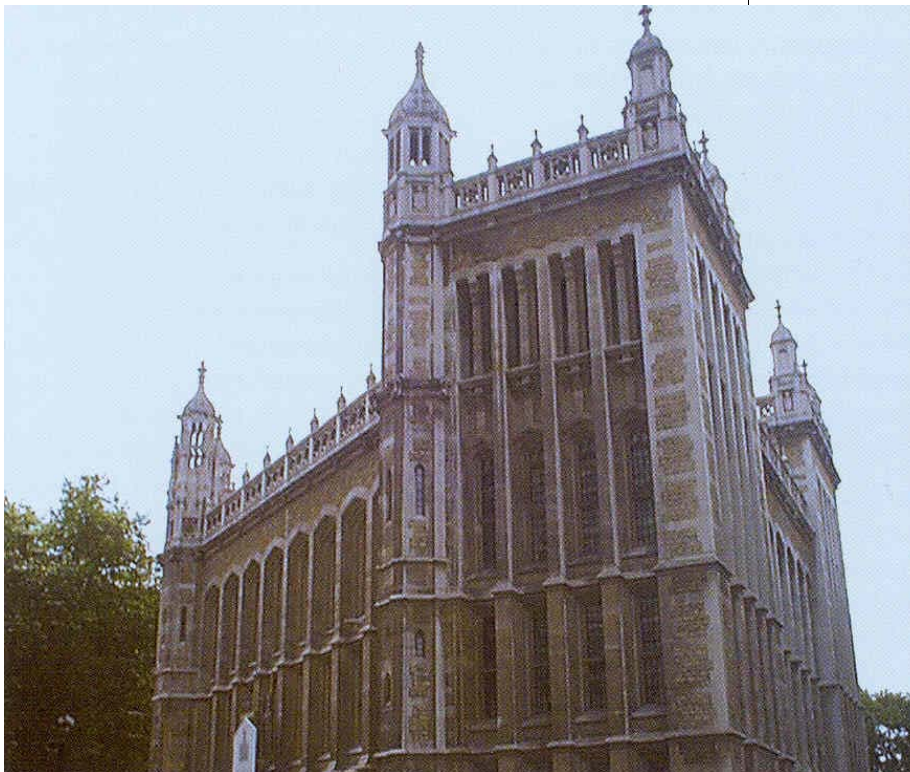
## *Kings College, London*

The former Rolls Estate in Chancery Lane, London was chosen as a suitable new location to act as a Library to securely house the large collection of rare science books belonging to Kings College London. In the centre of the City, this Grade II listed building has been designed to provide students with access to a range of scientific material to complete their studies.

The Chancery Lane Library, a magnificent Victorian gothic building, will become King's newest library and information services centre. Formerly home to

The Library opened to students and staff in early 2002 after around 750,000 books have been transported from the Strand and Hampstead campuses.

Amongst this literature available to students are such rarities as a first edition of Darwin's *On the Origin of Species* and signed copies of works by Samuel Beckett and TS Eliot. Also held in the Library will be some of the first printed editions of the works of Aristotle, Homer and Plato and the College's oldest book, *Punica* by Silius Italicus, printed in Venice in 1483.



In order to help protect this £300m University of London modernisation and redevelopment project, Evolution Electronic Security systems were chosen to provide numerous aspects of security and surveillance. As with most projects of this size, competition was fierce and most of the familiar names in the security industry were invited to submit a bid for the installation of a Digital CCTV system. Due to the numerous restrictions that working with a Grade II listed building imposes and the need to maximise the efficiency of the existing guard-force, Evolution were chosen for their innovative and imaginative solutions to the problem.

the Public Record Office including records of the Chancery of England (some of them dating back to the Norman Conquest) in the custody of the Master of the Rolls, the building is being totally transformed. Now that the Public Records Office has relocated to Kew, the building is being transformed. Facilities will include the Information Centre for the Schools of Law, Humanities and Physical Sciences and Engineering as well as the Departments of War Studies and Geography in a new School of Social Science and Public Policy.

A specification outlining the required performance was prepared including predicted volume of traffic flows through the access points. Although locations were identified for internal, external fixed and fully functional dome cameras, the exact camera type had not been agreed. As a listed building, aesthetics were as important as camera functionality. After researching the market and demonstrating many samples, Evolution finally specified Silent Witness domes and Vicon fully functional domes for installation.

During the course of the tender process, Kings College were also invited to attend demonstrations of a number of digital CCTV systems. Following this process, the choice very quickly narrowed down to Geutebrück's PC-based Multiscope II Digital CCTV system.

As a manufacturer of CCTV equipment for over 30 years, Geutebrück could demonstrate through Multiscope II a complete understanding of user requirements with levels of functionality far in excess of other digital CCTV products.

A total of four Multiscope II 32-channel digital recorders were required to record and control the 115 colour and colour/mono cameras. Coupled together using a private TCP/IP network any of the system operators can view live and recorded images from any of the cameras positioned internally and externally around the building.

Using Geutebrück's Video Motion Detection software module for internal cameras and Red-wall detectors for the external cameras, all activity is recorded directly on to 600Gb of internal disk space. Compared to analogue and other digital recording systems, using DAT or AIT tapes, little operator intervention is required as the oldest image can be automatically overwritten when the hard disk becomes full. This particular system can be expanded to include up to 1.2 Terabytes of internal hard disk space with further space from external hard disks via a SCSI interface.

Any video footage that requires archiving can be recorded, along with the playback software, directly on to a CD using an internal WORM drive. These images are security encrypted in order that they may be presented as prima-facie evidence in a court of law.

The sympathetic approach that Grade II listed buildings require extend to all areas of building works when buildings such as the Rolls Estate are renovated. Even the structure of the building had to be extensively replaced in Portland stone as the build-

ing's original stonework had over the years, simply crumbled. More contemporary equipment, such as security also has to be not just functional in its approach but also subtle in order to blend in to the overall ambience.



Evolution is one of the largest European independent security systems integrators and from its bases in the UK and Paris, Evolution has installed systems in nearly all European countries.

Further information on Evolution's products and services can be found at [www.evolutionsecurity.com](http://www.evolutionsecurity.com) or contact Evolution on 01494 539880.

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