



 **Evolution[®]**
(Electronic Security Systems) Ltd.

INTEGRATED SECURITY SOLUTIONS

INTEGRATED SECURITY SOLUTIONS

EDUCATION

FINANCIAL

ACADEMIA

COMMERCIAL

DEFENCE

MANUFACTURING

PETRO-CHEM

TECHNOLOGY

RETAIL

GOVERNMENT

UTILITIES

HEALTHCARE

SPECIAL PROJECTS

INTERIORS EXTERIORS



Evolution (Electronic Security Systems) are used at the top levels of government, defence, and many blue-chip companies. We provide a full range of solutions to help you protect personnel with a safer working environment, secure property and safeguarding assets.

Using carefully chosen products ranging from CCTV, to Access Control and Intruder Detection, Evolution have many years of unrivalled experience in the design, installation and maintenance of multi-disciplined systems.

By choosing Evolution, NSI Gold and ISO 9001:2008 accredited, you will be choosing a system with a clearly defined upgrade path, one that will evolve with your changing needs and future options.

You will have the confidence of working with a reputable company with a proven track record combining not only an extensive knowledge and understanding of all individual security needs, but also the necessary knowledge and understanding of today's complex communication methods and computer networking options in Europe and around the world.

This portfolio lists only a few of the projects we have recently completed.



INTEGRATED SECURITY SOLUTIONS

If you haven't heard of us you will certainly have heard of some of the prestigious company we keep



EDUCATION

Client | Fettes College



The new Fettes College Sixth Form Centre provides mixed boarding accommodation, study and recreational space for Upper Sixth form students. Its purpose is to free up capacity in existing buildings on the campus for future rationalisation of academic and residential accommodation. In line with 21st

century technology, Evolution provided a state-of-the-art Access Control System combining the latest biometric technology with our own C•CURE® System. This now provides Fettes College with a cardless and keyless solution to meet today's and tomorrow's requirements.

“Uxbridge College is an outstanding college”

Ofsted July 2008

Client | Uxbridge College



Uxbridge College is one of the best performing general Further Education colleges in London in terms of success rate for all qualifications at all levels and ages. Security is an important feature of the college and one that is taken very seriously by the staff and students.

Uxbridge College includes two campus sites, in Uxbridge and Hayes. The college chose the Lenel® Access Control and Network Video Recording System from Evolution to provide the database flexibility and IP camera connectivity required for an ever-changing campus.

Both sites are linked via the College network and the system is interfaced with the student enrolment system to reduce the administration time at the start of each new academic year.

External cameras are connected via Axis Video Server to the campus network. By deploying IP cameras internally, the college can relocate cameras to suit the area monitoring requirements at the time.

Client | Canary Wharf

Evolution has been working with Canary Wharf since 1996, initially briefed to supply an access control common platform and remove a disparate set of technologies that suppliers had previously installed. Evolution has now co-ordinated the required C•CURE® upgrades and migration to new servers to provide dual-redundancy to meet their important Disaster Recovery requirements. Evolution continue to provide Software Support and system management advice.

FINANCIAL

Client | Hiscox

Hiscox, a FTSE 250 company, and leader within the specialist insurance market relies on Evolution to provide the design, installation and maintenance of CCTV and intruder detection systems throughout their UK business. More recently Hiscox have tasked Evolution to introduce access control and photo-ID to further enhance their overall personnel and asset security.

With Hiscox personnel regularly travelling between UK

offices it made sense to provide a single smart-card with the ability of granting access to all office locations. This smart-card also needed to be compatible with future cashless vending and printer authorisation systems.

Often day-to-day business activity can require Hiscox personnel to regularly visit remote office locations and when an unfamiliar face arrives on site they are asked to present their ID badge to a reader at reception. A screen on the

reception desk instantly displays the card holder's image allowing the reception/security personnel to immediately confirm the identity of the visitor.

This is just one of the many practical uses provided within the C•CURE® 9000 security management system.



Client | National Portrait Gallery

The National Portrait Gallery established in 1856 and situated in St Martins Place, London, houses a collection of portraits of historically important and famous British artists. With over 10,000 paintings, drawings and sculptures the Gallery is a popular tourist attraction visited by over 1,500,000 visitors annually from around the world.

The vast Galleries and their contents are protected by a Europlex Intruder Detection system integrated with an advanced but easy-to-use graphical user interface installed by Evolution. This system provides over 200 zones and uses a wide range of detection devices allowing the security management team to monitor in real-time the activity and movement throughout the Galleries both day and night.

ACADEMIA



COMMERCIAL

Client | Sodexo various sites

Evolution's brief was to install a common Access Control System across Sodexo's centres in the UK. A single card platform was required for identification and accessing their various offices.

Starting in Stevenage, Evolution implemented the installation of an Access Control system using a Kantech system. The benefits Sodexo obtained from implementing this system was in the control of unauthorised persons moving into secure Sodexo staff-occupied areas. A company-wide photo ID system was also implemented concurrently, which provides a unified Sodexo corporate image at all locations.

Following the success of the Stevenage location the installation was repeated in Sodexo sites at London Holborn and Edgware Road, Swindon and Manchester.

As the Manchester location was part of a recent major development in the area which also includes the new BBC Salford development, this site has also been fitted with a CCTV system for the protection of staff and property.



Client | Cadence

Cadence Design Systems is one of the world's leading providers of electronic design technologies to the electronic design automation (EDA) industry. Cadence software is used to design chips and printed circuit boards, and it is highly likely that the products and devices you use daily, including your mobile phone, have chip sets or PCBs installed that have been designed using Cadence software.

From their European HQ in Bracknell, Cadence administer their WAN based access control and photo ID system controlling access to ten European satellite offices including Dublin, Paris, Nice, Stockholm and Munich. This system allows easy access for Cadence personnel between each office without the need to carry a card for each building.

Evolution have looked after Cadence's access control installation and maintenance requirements since 1998.

DEFENCE

Client | MOD Defence Procurement

Abbey Wood was built specifically for the MOD Defence Procurement and Warship Support Agencies and covers 98 acres of land in Bristol. With an annual budget of £6 billion, the DPA plays a crucial role in British industry and is currently managing around 700 defence related projects including Typhoon, Skynet and Future Carrier.

The facility is home for approximately 6000 personnel and with the increasing terrorist threat, the site's Facility Management Group are required by Emergency Services to report the quantity and names of personnel in the buildings at all times. This is particularly important in the event of an emergency evacuation. In addition, the site is host to many hundreds of visitors per day.

Evolution designed and installed a system to cover over 250 pedestrian and vehicle entrances/exits combining C•CURE® Access Control, Alarm Monitoring and RFID Technology which can produce accurate Roll-call reports within minutes, rather than hours.





Client | [Royal Navy MASU](#)

The Royal Navy's Portsmouth-based Mobile Aircraft Support Unit (MASU) is responsible for the repair, transportation and salvage of all Royal Navy, Army and Royal Air Force helicopters throughout the world. They are also responsible for the design and development of modifications to naval aircraft as well as being the focal point for engineering tools within the Royal Navy.

Moving from their Fleetlands base to a new purpose built facility, Royal Navy MASU tasked Evolution with providing the design and installation of a new Lenel® personnel access control and photo ID system with integrated perimeter alarm management.



MANUFACTURING

Client | Northern Foods

Northern Foods needed to close the highly specialised facility of Fenlands Foods in Grantham but keep the premises secure in order bring it back on-line when market conditions dictated. Evolution provided consultation via the Facilities Department and installed the correct solution for immediate and future needs for Closed Circuit Television to support the manned security staff.

The Geutebruck Re_reporter[®] system was chosen to provide a high level solution. The hardware configuration of the Re_reporter proved cost effective enabling the existing cables to be retained, reducing the overall cost. Wireless IP routers removed the requirement of running cables from the main building to the various fence areas.



**KINGDOM
STREET W2**
CITY OF WESTMINSTER

PETRO-CHEM Client | StatoilHydro

StatoilHydro, employing 30,000 employees in 40 countries, is the world's largest offshore operator in waters more than 100 metres deep, a world leader in carbon capture and storage and one of the world's largest crude oil and gas suppliers.

Working with StatoilHydro's security team, Evolution designed and installed a C•CURE® Access Control System with Mifare Card Readers and Axis IP Video Systems for connection to the existing StatoilHydro network.

Compatibility with the landlord's Reception HID-controlled turnstiles and the existing StatoilHydro Mifare cards was achieved with the addition of HID MicroProx Tags to the Mifare Cards creating a dual-format card.



TECHNOLOGY

Client | MISYS plc Dublin
and West London

Misys provide innovative, integrated solutions for the banking, treasury, capital markets and healthcare industries. Employing over 6,000 people worldwide serving over 1,200 banking customers in over 120 countries, more than 150,000 physicians, 700 hospitals and nearly 7,000 post acute and homecare organizations.

Evolution was asked to install a networked security solution which, due to Misys relocation plans and timescales, could be modified and relocated without security downtime.

A Lenel® System was specified by Evolution as the ideal solution. Combining access control, visitor management, IP CCTV and alarm monitoring in one package, the system was installed in Dublin and fully operational as a stand-alone site prior to completion of the West London site. The system head-end was then transferred to West London and reconnected with Dublin as a satellite.



Client | WIMM
John Radcliffe Hospital

The Weatherall Institute of Molecular Medicine, based at the world-renowned John Radcliffe Hospital, has made a considerable impact in the understanding and treatment of many diseases. 400 scientists currently work on important human diseases ranging from cancer to AIDS. The main sponsors of research in the Institute are the University of Oxford, The Medical Research Council, Cancer Research UK and The Wellcome Trust.

An established access control system using cards provided by The John Radcliffe main site security was upgraded



to C•CURE®. This now provides restricted or denied access completely to research areas where there may be a danger of test contamination or danger to personal health while research is in progress. The system also now provides activation and de-activation of intruder detection devices by card use through an interface with a Galaxy intruder detection system. Digital CCTV Systems also monitor the internal corridors and external areas of the Institute.

RETAIL

Client | Southside Shopping Centre Wandsworth



Southside Shopping Centre in Wandsworth provides an eclectic mix of big name stores, restaurants and cafés, a 14-screen cinema and a state-of-the-art fitness centre. Southside ensure that shoppers and visitors enjoy a safe and pleasant environment whilst in the facility and to this end, employ a dedicated manned security team supported by a communications network of radios and an Evolution CCTV system.



The Evolution CCTV system was installed as part of the original build and has been updated over the life of the centre using Pelco equipment to ensure that the very latest cameras, recording and display facilities are in place to help protect people, tenants and buildings.



Evolution was approached to supply and install new exterior lighting sets in 13 TA Centres in the West Midlands. The existing high pressure sodium lamps which have been an industry standard for many years and typically produce an amber glow were upgraded to LED lighting sets. LED offers pure white light and this has significant benefits for CCTV, the human eye and energy bills. The whiter light also provides advanced colour definition and increased levels of 'well-being' for neighbours in the area.

Additional benefits include maintenance (reduced to nil) and power consumed over the 13 TA Centres (109,200 units per annum reduced to 29,120 units pa). Over a five year period this reduction equates to a reduction in CO₂ consumed of 226.4 tonnes.

Client | **RFCA TA Centres West Midlands**



GOVERNMENT

Client | Thames Water

The security concept for the Thames Water Operations Management Centre is based on a layered principle of increasing levels of security to protect areas of increasing importance/sensitivity. The aim of the security measures is to deter, detect, delay and ultimately deny access in order to allow Thames Water to continue to meet its important operational roles.

The Access Control, CCTV and Physical Security Measures such as turnstiles and barriers work as one complete system with anti-passback measures and the ability for the Control Centre to see all activity at all times of day or night.

HID iClass® card technology is also used to provide a multi-function smart card for other applications such as 'Follow-Me' printing and café vending.



UTILITIES

HEALTHCARE

Client | **London Clinic**

The London Clinic is an independent hospital with a prestigious, international reputation for innovation and clinical excellence. Its commitment to investing in progressive technology for better care and extensive staff training, along with the expertise of the consultants, attracts patients from around the globe.

Treating approximately 20,000 inpatients and 125,000 outpatients annually, The London Clinic embraces all specialties with the exception of cardiac surgery, obstetrics and psychiatry.

Evolution was briefed to upgrade the electronic security at one of The London Clinic's centres. C•CURE® access control and Intellex CCTV and DVR, combining multiplexing, alarm/event detection and video recording were specified, as it is upgradable, networkable and easily integrates with other equipment.

The C•CURE access control interface with Intellex allows the delivery of real-time images and recorded images on the access control monitoring screen. Access card activity is date and time stamped with the relevant image. In addition, over 20 internal and external CCTV cameras monitor activity on a 24 hour basis.



the London clinic
inspired care



SPECIAL PROJECTS

Evolution has a strong technical expertise and presence in EMEA. Clients are supported globally and within local and regional markets and are provided technical expertise in security application development and excellence in logistics and service.

Over the years, many US companies have entered the European market using the UK as an 'entry-point'. Due to Evolution's strong presence in the home UK market, we are able to help maintain their growth ambitions by supporting them as they grow, country by country. A strong, cohesive relationship is vital for customers when they are expanding in this way.

Beyond Europe, a further illustration of Evolution's continuing support of international organisations can be found in the partnership on a number of projects with Nessco, a global communications solutions provider for hostile environments with centres in UK, Brazil and Azerbaijan. With access to many sites around the world severely restricted, Evolution designs, assembles and provides factory acceptance testing of security solutions prior to shipment for installation by local Nessco technicians.





INTERIORS EXTERIORS

Client | Secure site

A SEAP Class 2 attack rated, full height turnstile installed by Evolution to provide controlled entry/egress at one of the UK's most secure facilities. This turnstile increases overall security and helps reduce manned-guarding costs. The installation will give return on investment (ROI) within 18 months.

Client | Gateway College Leicester

Evolution installed and commissioned three lanes of Fastlane Glassgate and one lane of DDA compliant pass gates. The product was selected for its excellent aesthetics and speed of throughput (one person per second per lane). The system easily copes with 1400 students arriving and leaving simultaneously at both ends of the day.

Client | Abbey Park Kenilworth

The ANPR camera automatically reads and opens a barrier for known users on the system. Users do not need to stop at the barrier - the ANPR reader reads the number plate at approximately 25 metres distance, processes the information and opens the barrier as the vehicle approaches.

electronic security – we've got it covered!

Formed in 1996, Evolution continue to enjoy the support of many multinational and European clients and have completed over 2000 projects. Indeed, for the majority of our clients we have enjoyed long-term working relationships. We have teams of SC and DV security cleared technicians that can offer you nationwide coverage. With four centres in the UK, we can offer you a nationwide coverage, but with the local service you expect.

As part of this process, we provide UK-wide integrated security solutions, assisting in the preparation of risk assessments, specifications and building up relationships with clients. In our design brief we consider value-engineering solutions and include a supporting business case for your important investment.

You will appreciate the Evolution attention to detail throughout a project extending to our consistent high quality of installation and after-sales service.

Access Control - Multiple technology readers & cards

Access Control - Local / LAN / WAN / Dual Redundancy / CCTV integration

Access Control - Gates, barriers, turnstiles

CCTV - Analogue / Digital / IP cameras

CCTV - Digital / IP Recording & Transmission

Intruder Detection - Systems with DD243 / BS8414 compliancy

Central Monitoring - for CCTV and Intruder Systems

LED Lighting - for exterior and interior use



CERTIFICATE NO. NACGG2990



Evolution (Electronic Security Systems) Ltd.

1-6 Lancaster Court
Coronation Road
Cressex Business Park
High Wycombe
Bucks. HP12 3TD

Tel: +44 (0) 1494 539 880
Fax: +44 (0) 1494 539 881
info.highwycombe@evolutionsecurity.com

Birmingham +44 (0)121 629 7826
info.birmingham@evolutionsecurity.com

Leeds +44 (0)113 251 5038
info.leeds@evolutionsecurity.com

Edinburgh +44 (0)131 248 3035
info.edinburgh@evolutionsecurity.com

All rights reserved.

No part of this brochure, copy or photography may be reproduced in any form, electronic or in print without the prior written consent of Evolution (Electronic Security Systems) Ltd.