



electro

Electro Automation Group





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COMPANY PROFILE

The Electro Automation Group is widely regarded as Ireland's premier automation specialist. Formed in Dublin in 1984, Electro Automation Limited has since provided an enviable combination of quality equipment supported by exceptional technical after sales service.

The concept proved popular from the outset and the company soon began to expand. Within a year continued growth led to the creation of Electro Automation (NI) Limited based in Lisburn, Northern Ireland. The Group then acquired a majority shareholding in Perimeter Security Group (now EA Group (UK) Limited) based in Surrey, England. Further companies have followed and the Electro Automation Group now has several companies and also has branches in Germany and Hungary.

The Electro Automation Group has consolidated its core product range and in addition has made strategic decisions to add several specialist manufacturing/niche market companies.

We continue to experience positive growth and with a policy of re-investment of profit, we are set for a successful future.



OUR PHILOSOPHY



We care. These two small words form the basic strategy for our business foundation.

Being totally committed to the success of our clients allows us to grow in today's aggressive marketplace. Our ongoing investment in our personnel, premises, infrastructure, stock, and training allows us to offer a combination of products, sales knowledge, installation and technical support that is unparalleled. We have new purpose built premises in Dublin, Lisburn and Surrey, each of which contains state of the art diagnostics and technical support equipment. Business demands 24 hour service and readily available technical support, advice and spare parts. We provide this and more.







AUTOMATIC DOOR SYSTEMS

Efficient and trouble free door
automation solutions

We can design, manufacture and install sliding door systems to suit most applications including Single Sliding and Bi Parting versions controlled by numerous activation methods. All our installations meet or exceed current safety legislation.

Automatic Sliding Doors

Using Daihatsu microprocessors and running gear, our sliding door operators are technically advanced, extremely reliable and offer our clients a host of inbuilt features. Commonly seen in thousands of high use applications such as hotels, shops, hospitals and airports worldwide, our sliding door operators offer simplicity, reliability and longevity.

Developers, Contractors, Architects and Designers can have full confidence when specifying Electro Automation DAIHATSU equipment, secure in the knowledge that your project will receive exceptional products at costs which reflect our manufacturing status.

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Automatic Swing Doors

Swing Door operators can be installed to meet various needs ranging from meeting DDA (Disability Discrimination Act) requirements to simply improving

customer convenience. They are generally used in areas where there is less pedestrian traffic or in areas where a sliding door cannot be installed.

Automatic Revolving Doors

Revolving doors present a very impressive entrance to any building. They also offer numerous benefits in terms of energy saving and security as well as exceptional style. Aesthetically, door sets can be manufactured to suit virtually any space and can even include glass display showcases that can provide a rental income. An interesting development is the use of curved sliding doors which can mimic the look of a revolving door, but at a more competitive price.

Total Support

Every automatic door operator comes complete with peace of mind. The Electro Automation Group is renowned for its exceptional service and support. We can offer you preventative maintenance contracts that will ensure you can have access to our trained engineers 365 days per year. We also hold a full stock of spare parts for all the automation equipment we install. Support is key to success, and Electro Automation recognises this.



GATES AND GATE AUTOMATION



Our experienced surveyors will design a system that is specific to your requirements and can cater for the smallest domestic gate system to a comprehensive perimeter control scenario for entire commercial sites.

The Electro Automation Group have been pioneers in gate automation since 1984 and have a wealth of knowledge and experience in the industry. This has led to our current position as Ireland's commonly acknowledged leading automation company. We directly import, supply, install and maintain automatic gate operating systems that are regarded as world leaders in gate automation.

Design versatility is paramount, using hidden in-ground systems as well as electro hydraulic rams and sliding gate operators. We can incorporate hydraulic and electronic locking systems, and if required the gates can be integrated with an Access Control System or one of countless other control methods.

Automatic Gates combine security with convenience and are accepted as one of the most efficient methods of perimeter control. Both new and existing gates can be automated without fuss. Gate Automation is available for commercial, industrial and residential applications and our design flexibility ensures that an ideal solution is available for each project.

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smallest domestic gate system to a comprehensive perimeter control scenario for entire commercial sites.

Swing Gates

Depending on the size and weight of the gates, a choice of hydraulic or mechanical operators will ensure that the installation is efficient and trouble free. We also supply a range of exceptional gates that can be installed at the same time. Control options range from radio transmitters to intercoms, keypads and numerous other methods. Your surveyor will help you create a system that is tailored to your needs.

Sliding Gates

Sliding gates offer an extremely secure and reliable method of controlling the entrance to any property. Normally used in commercial situations, sliding gates are also suitable for domestic operations. In common with swing gates, we offer a host of operating and control options to ensure the system that is installed is suitable for your project.

Accessories

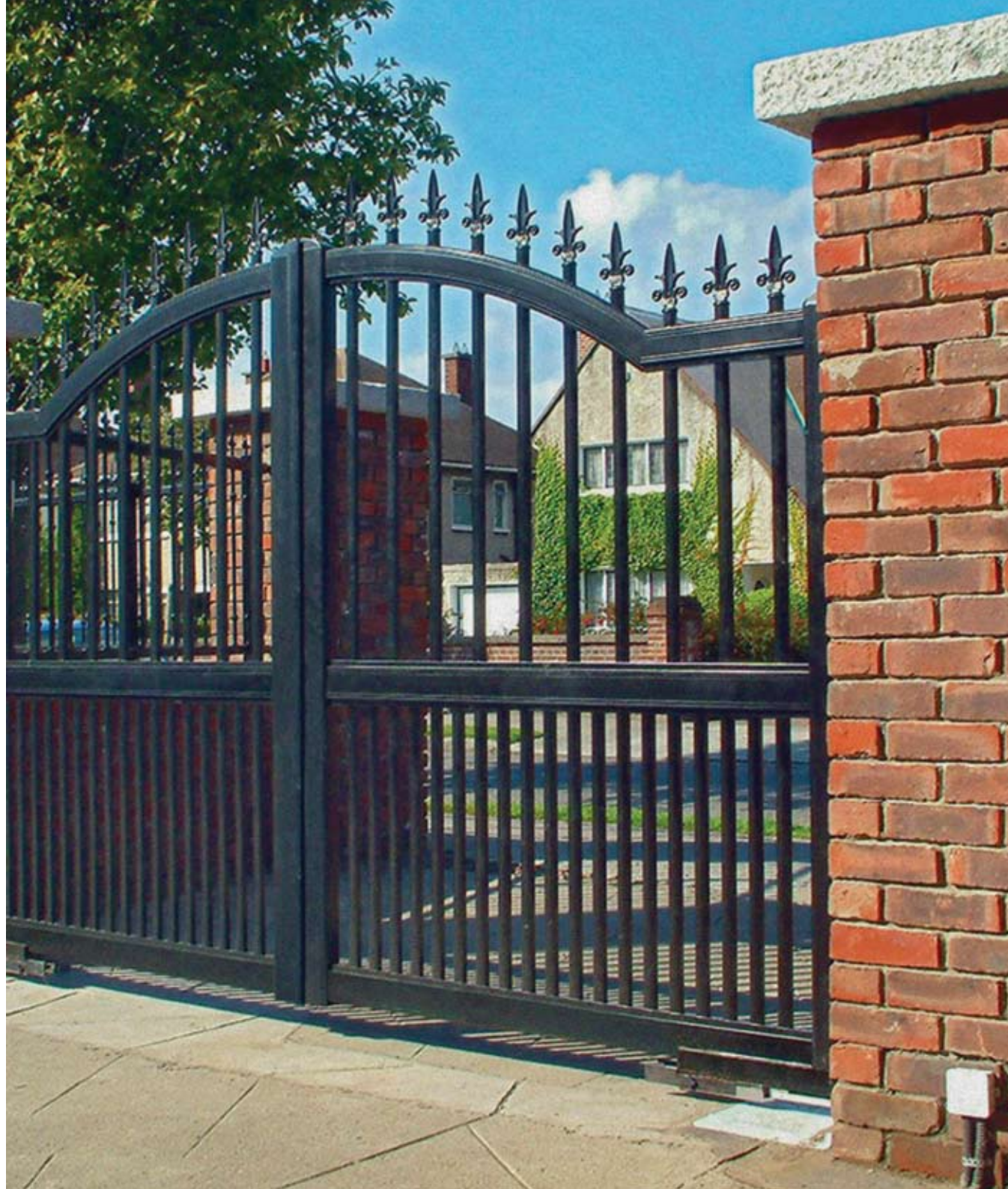
As Ireland's leading automation experts Electro Automation can offer you the widest range of accessories and control options. As all our systems are modular you



can be confident that your system can grow with your changing needs. We offer self install gate automation kits, radio transmitters, intercoms, numeric sequence keypads, keyswitches, induction loop detectors, access control systems, biometric readers for fingerprints, retina scanning and even intercoms that can redirect calls and gate control to your mobile telephone while you are out. When cabling is not an option we offer intercoms using GSM wireless technology. Our range is limited only by your imagination.

Total Support

The Electro Automation Group has invested heavily in developing a support infrastructure that is unsurpassed. We hold a complete range of spare parts for every product we install. Our engineers are fully trained and with a preventive maintenance contract you can have access to this support on a 24 hour 365 day basis.





CAR PARKING SOLUTIONS

We recognise that car parking is a 24 hour business that demands swift support responses.

With more installed sites than all our competitors combined, The Electro Automation Group excels within car parking. No other company can come close to what we can provide. Revenue generating car parking control demands exceptional support, and our investment allows us to provide this and more. Our 46,000 square foot purpose built headquarters in Dublin and our newly built Lisburn premises allows our factory trained IT and Support specialists to remotely access car parking management systems and remedy faults within minutes. We are unique and hold massive stocks of spare parts and even loan parts that can be immediately installed to keep your system running while a fault is investigated. In effect we can remove the risk from your choice of equipment supplier. The most profitable car park operators choose Electro Automation, and most importantly, they choose us again and again. We recognise that car parking is a 24 hour business that demands swift support responses.

Pay on Foot

Electro Automation distributes the Zeag range of Pay on Foot systems throughout all of Ireland. Our local branches ensure that our engineers are within your area and that the response you will get is rapid and efficient. Our Swiss manufactured systems combine precision quality manufacturing techniques with a proud history of industry leading Research and Development. Perhaps that is why Zeag is chosen to control critical car parking sites

throughout the world. If you want efficiency, reliability, flexibility and a system that will protect your investment, choose Electro Automation. With more premises, more spare parts, more loan parts, more engineers, more IT specialists and more car parking knowledge than any other company you can see why we can be proud of our position as the market leader.

Pay and Display

We offer the Hectronic range of pay and display machines. Manufactured in Germany, the Hectronic range has an enviable reputation throughout Europe and beyond. Features such as automatic fault reporting, exceptionally secure auditing, system networking and an in built safe have kept Hectronic at the top of the marketplace. Add to these excellent machines the established support that Electro Automation offers and you have an unbeatable package.

Traffic Control Barriers

We manufacture the Unibar range of traffic control barriers. Developed for use in high specification car parking environments, these barriers are rated for 100% duty cycles. They have the ability to work around the clock to continuously support your operations. Seen throughout Ireland, the UK, Europe and America, Unibar barriers are available in Standard, Fast and Heavy Duty versions in a wide range of colours.



In General

As Ireland's leading company we are also able to offer bespoke solutions to match your exact requirements. We have the knowledge and experience to design a system to exactly meet your needs. You don't need to compromise. Numerous solutions are available including Pay on Entry, Pay on Exit, Fixed Fee per Stay and Automatic Number Plate Recognition. These can be integrated with an access control system if required and our modular system design allows superb flexibility.



INTELLIGENT TRAFFIC SYSTEMS



Electro Automation distributes some of the most reputable products to the ITS market in Ireland. These products represent the best of what is available internationally and serve the roads, parking and policing sectors.

Electro Automation is the exclusive representative of the Talon Brand of Licence Plate Recognition systems in Ireland. This system, developed primarily for the policing and security market is the most accurate product available and can achieve accuracy in excess of 95%. It is used as a civilian security and access control system at some of the most prestigious locations North and South of the border. With the Genesis back office for data analysis it is also a highly efficient tool which is in use by many forces at home and abroad.

For Vehicle Counting and Classification work and for tolling applications Idris® Loop Counters are demanded where accuracy and reliability are required. While the Idris® range is conventionally used in Tolling Applications, the Electro Automation Group can also provide a range of models which bring the renowned Idris accuracy to the more standard count and classification markets.

In addition to loop based devices Electro Automation also supplies the Navigator Parking Guidance Information system which is designed to provide accurate guidance information (normally via Variable Message Signs) to drivers in car parks and in town centres. Touch screen technology and screen based mapping allow operators

a user friendly method of managing automatic systems or intervening quickly when the situation demands it.

Within the urban navigation environment our wide experience allows us to offer extra synergy between our Zeag Parking Systems, Talon Licence Plate Recognition, CCTV and Navigator Guidance Systems. All can be linked to provide a systems envelope comprising pay and management systems, driver guidance and congestion relief, car finding and customer service and indeed unsurpassed security for service providers and customers alike

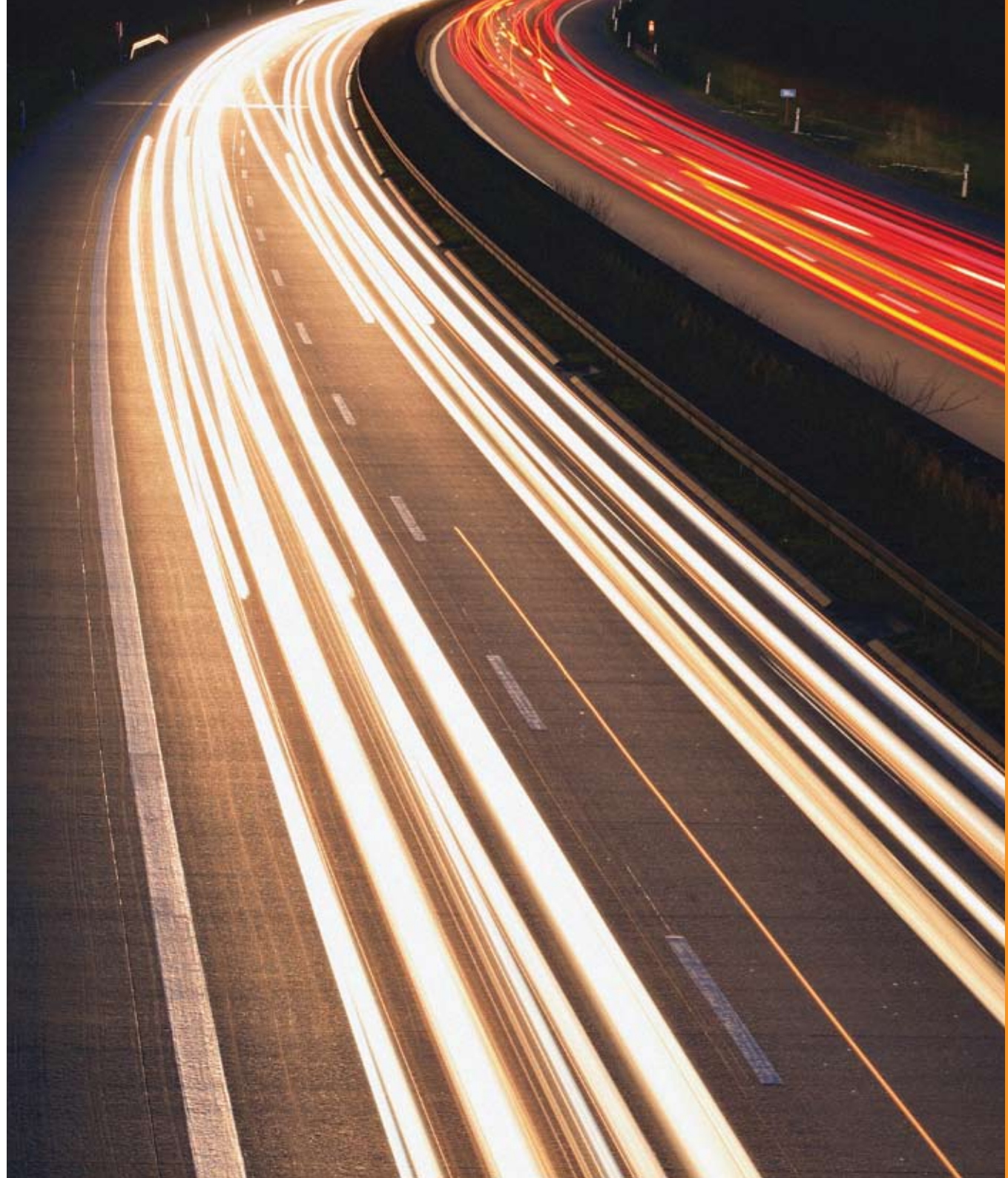
Our ITS division offers solutions to overweight trucks which can be a danger to other drivers and destroy roads surfaces. Using a TDC Systems Weigh-In-Motion System both police and Roads Authorities can detect overweight vehicles without having traffic disruption. Offering exception accuracy, more than 95% of vehicles subsequently sent for weighing at a calibrated weighbridge are able to be prosecuted. When integrated with Licence Plate Recognition technology the process can be automated to record the entire process.

For Speed and Red Light Enforcement and Speed

Enforcement Outsourcing, Redflex is a world leading solution provider. Redflex is the largest speed and red light outsourcing company in the world and has provided the world's longest "speed over distance" enforcement system. Electro Automation distributes Redflex HOTA and European Approved Radar and Laser Systems in Ireland.

Trigg Overheight Detection and Warning Systems are available to rail and road operators. They provide audible and visual warnings to drivers of tall vehicles or vehicles carrying even the narrowest overheight vertical protrusion. A special variant designed for tunnels is available through Electro Automation.

Electro Automation is subcontracted by ITS Roads Services, a joint venture between Electro Automation and French company Egis to provide the maintenance services to the Irish National Roads Authority on the ITS equipment installed nationally. This includes CCTV, Licence Plate Recognition Systems, Radar and loop based Vehicle Detectors, Fibre, Radio and Microwave networks, Emergency Roadside Telephones and Variable Message Signs.





ACCESS CONTROL

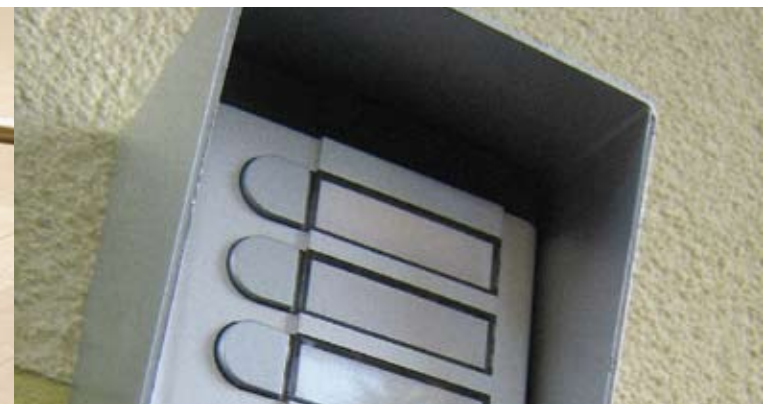
When used in conjunction with barriers, gates and number plate recognition, an access control system can be expanded to cover all areas of your site.

Today's business environment demands tight control. Health and safety legislation insists that you restrict people from dangerous areas, proper stock control is only possible when access is limited to authorised personnel, and productivity increases when visitors have restricted movements.

You need to control who is able to enter and leave your premises, at what point, and during specific times. You may also want to analyse staff movements and confirm where people are. A sophisticated access control system can do all this plus more. The Electro Automation Group supports systems from Cotag and Honeywell among others, and has hundreds of successful sites throughout Ireland. When used with long or short range readers or even simultaneously with numeric sequence keypads,

a well designed access control system can allow you to decide who goes where and at what time. IT suites, stores and sensitive areas can be protected in an efficient secure manner.

When used in conjunction with barriers, gates and even number plate recognition, an access control system can be expanded to cover all areas of your site. Some of the many features can include control and monitoring of doors, remote card activation/deactivation by day/month/year with numerous access levels. Video Imaging and Card badging facilities can be linked to the control of your CCTV, as well as recording your Guard Tours to ensure they are completed. Muster Reports for Health and Safety are easily completed, and the flexible reporting package allows easy production of comprehensive data.





CLOSED CIRCUIT TELEVISION



CCTV systems have achieved a significant reduction in crime and anti-social behaviour by providing 24 hour surveillance of vulnerable areas. The CCTV system acts as both a tool to investigate an incident and also becomes a deterrent in its own right, reducing the risk of an incident occurring in the first place.

Electro CCTV chooses the best cameras, lenses, recorders and control equipment from world leading suppliers to ensure we provide you with a system that is exactly suited to your requirements.

Systems are available from a single camera fed into your TV aerial feed for domestic use to multi camera systems for large commercial premises, sites such as town centres or even housing estates. Electro also design and install control rooms from which the CCTV systems are monitored and controlled in the best ergonomic fashion.

Electro CCTV consultants are experienced in designing and specifying the best CCTV systems for a given application. They are specially trained to ask the right questions ensuring the best solution can be provided.

Electro CCTV has the nationwide resources to offer a full and comprehensive system design and supply and installation service. We also offer comprehensive support and maintenance solutions. The division installs systems in accordance with the Pan European, EN: BS

50132 Standard for CCTV systems, however, Electro CCTV's own "best practice" guidelines in designing and installing CCTV systems, exceed this standard.

As part of the Electro Automation group of companies, we can design and install our CCTV systems as a fully integrated part of a package with our other Access/Security solutions, such as car parking or automatic gates.

Using IP based CCTV Systems we pioneer the latest computer technology by transmitting quality CCTV images and sound over LANs/WANs and the Internet to allow remote monitoring for distant CCTV camera positions.

As with other Electro Automation Group products, our system quality is reflected in the level of after sales care and the standard of support service that we provide. Our support starts from the design specification all the way through to commissioning and maintenance of the CCTV system.





The Electro Automation Group installs and maintains a wide range of automation products. All are carefully chosen by us to provide you with class leading performance.

Automatic Bollards

Automatic Bollards provide a high degree of security in an aesthetically pleasing manner. Bollards can be linked to access control systems or used as stand alone. They come in a wide range of colours and styles. Automatic traffic control bollards can be offered in a range of sizes and are available with or without crash ratings. Their unique styles mean that they can be used within environmentally challenging areas.

Speed Gates

Speedgates provide security as well as normal control of gates in areas that require rapid movement. A cycle time of approximately 4 seconds is combined with a range of finishes (including glass panels) and colours to offer design flexibility. Speedgates can be operated with top or bottom drives and can be integrated with

normal vehicle access control methods.

E Trip

The small tag with big ideas. Our eTrip product offers superb convenience and is revolutionising the tolling market in Ireland and beyond. Already accepted at all toll roads in Ireland, including the Dublin Ports Tunnel and the main motorway link between Northern and Southern Ireland, eTrip offers more. We have invested heavily and have created a tagging system that allows effortless payment of tolls and car parking without user intervention. An exceptional web based back office with numerous account types means that you can take control of all your spending from a single vehicle through to large company fleets. An eTrip tag means no more searching for change, no need for a ticket or having to keep your car park receipts, as the tag

AN
UNBEATABLE
RANGE





automatically deducts the car parking fees from your account and raises the barrier without you even having to wind down your window. Don't worry about cash, don't queue at toll booths or Paystations. Take the simple route...take ETrip.

Miscellaneous

- Automatic Sliding Doors & Screens
- Revolving Doors
- Curved Sliding Doors
- Domestic Swing Gate Automation
- Commercial Swing Gate Automation
- Domestic Sliding Gate Automation
- Pay & Display Car Park Control
- Traffic Control Barriers
- Turnstiles
- Access Control Systems
- Swing Door Operators
- Roadblockers
- Automatic Bollards
- Intelligent Traffic Systems
- Automatic Number Plate Recognition
- Car Park Space Counting
- Highway Traffic Classification
- CCTV
- Intercoms
- Speedgates
- Gates and Railings





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We cannot hope to list all our product range in one brochure. Please contact us if you are considering a project which incorporates automation. We will be delighted to discuss any project with you and offer market-leading solutions.

Amongst our wide range we also have solutions for under vehicle security scanning, traffic control barriers and bollards, turnstiles for outdoor and indoor use, roadblockers and overheight detection systems.

As part of our policy of continuous improvement, Electro Automation reserves the right to change items within this brochure without notice.

