

ADVANCETM SYSTEMS

Automated Entry
& Information
Solutions




IRELAND'S LEADING PROVIDER OF AUTOMATED ENTRY & INFORMATION SYSTEMS

| TURNSTILES | CAR PARKING SYSTEMS | REVOLVING & AUTOMATIC DOORS
| INTELLIGENT TRANSPORT SOLUTIONS







Advance Systems deliver sophisticated and innovative Automated Entry Control Systems and Automated Motorway Signage systems to meet client-specific requirements. We provide professional expertise, cost effective solutions and highly secure technology and equipment.



ADVANCE SYSTEMS AUTOMATED ENTRY & INFORMATION SOLUTIONS



ADVANCE SYSTEMS

Advance Systems was incorporated in Ireland in 1994. We employ 60 staff in Ireland and while our offices are in Dublin we have engineering staff located nationwide. We have over 1,600 Customers in Ireland. Our mission is to 'Deliver in Partnership with our Customers the Highest standard of Sophistication and Innovation of Automated Entry & Information Systems while at the same time being Flexible to Customer and Market demands and providing excellent Value.'

Advance Systems specialise in the provision of a wide range of Automated Entry Control Solutions including Turnstile Systems, Door Access, Car Park Barrier Systems, Revolving and Automatic Door Solutions delivered to meet the highest Commercial demands for comfort and safe passage throughputs. We also provide Intelligent Transportation Systems (ITS) which update Motorway users through Automated Road Signage with information on 'Journey Times, Road Conditions and Weight in Motion.'

Our Automated Entry System products and services meet our customers' needs for efficiency, security and aesthetic design. Years of experience meeting a wide variety of demands allow us to use our expertise to provide precisely the solutions you seek. Our extensive range of products are custom built and hence can be manufactured to match or compliment a wide variety of commercial requirements; within each product type, we offer many different design options.



GPO: 1916 Museum





CONSULTATION & DESIGN



Our team not only work with Architects and Design Engineers on many of Ireland's leading project designs and installations but also provide guidance on design around our Automated Entry Control through our highly skilled and knowledgeable staff. We assist each client in every step of the way and we provide not only product literature, PDF data sheets & technical specifications but also CAD blocks and 3-D imaging for all of our products and super impose these in the existing or modelled future design environments.

Our Auto CAD technicians are on hand to design a bespoke solution to meet today's ever changing needs. Once things progress from design stage, we will then prepare setting out drawings for civil works and cable diagrams for all electrical works. With our assistance we will ensure that your client achieves the best possible solution to meet their requirements.



INSTALLATION

The Advance Systems team of project managers and engineers take care of installing the system for you providing a dedicated Project Manager who drafts the project plan with your team and manages the implementation end-to-end.

PROJECT MANAGEMENT

Our team prides itself on offering a comprehensive project plan before, during and after installation, to ensure that the needs of your business are always met, both now and in the future. A comprehensive project plan ensures that when it comes to your organisation's specific needs, nothing is overlooked.



©2017 Scott Tallon Walker Architects
3D Architectural Visualisation created by Pedersen Focus

PÁIRC UÍ CHAOIMH

Advance Systems were selected after a heavily scrutinised international tender process by Malachy Walsh & Partners to deliver and install a project consisting of 74 Automated Entrance / Exit Turnstiles for the newly redeveloped Páirc Uí Chaoimh stadium in Cork, due to open in 2017. The highly sophisticated entry control system will manage the bona fide movement of stadium attendees with a capacity of up to 40,000 fans, while seamlessly integrating with their automated ticketing systems.

Our experience in dealing with Design Engineers and Architects, along with Main Contractors, demonstrates our ability to be involved in design and delivery of projects on all scales of delivery for Automated Entry Systems in Ireland. We are able to deliver an automated, sophisticated working Solution on time and on budget and as per Architect specification.



TURNSTILES



Tayto Park, Dublin

Advance Systems have been installing and supporting Turnstiles Access Control Systems in Ireland for over 20 years to Ireland's Hospitality Industry, Food Environments, Retail Industry, Stadiums, Leisure Centres, etc. We specialise in the provision of a wide range of Turnstiles delivered to meet the highest Commercial and Office demands for comfort and safe passage throughputs. Our products and services match our customers' needs for performance, enhanced security, aesthetic design and easy maintenance.



Dublin Zoo



Musgraves, Dublin

BESPOKE SECURE ENTRY AND EXIT SOLUTIONS

We offer a comprehensive range of security gate systems suitable for multiple types of environments. Our leading range includes speedlane, fastlane and optical turnstiles that deliver superior durability and reliability. Safe secure access is imperative in turnstile design – we provide options for full height gates and half-height speed gates to meet your individual security needs. Integrating identification readers and detection radars is another key component of our service. Where turnstiles prove too restrictive in terms of disabled users and delivery access, we offer a robust turnstile alternative in the form of access gates.

Turnstile Product Range

- »» EasyGate Turnstiles (Speed Gates)
- »» Raxon Turnstiles
- »» Bar Turnstiles
- »» Pegas Turnstiles
- »» Round Turnstiles
- »» Custom Turnstiles

Our entrance products can be manufactured to match or compliment a wide variety of building entranceways.



East Point Business Park



McHale Park, Mayo



Airfield, Dundrum

REA TICKET ADMISSION SYSTEM

To control access where tickets are sold before entry, our REX Ticket Admission System is the perfect solution. Featuring sophisticated multi-touch ID technology, this sleek, user-friendly terminal is designed to read a variety of ticket formats. These include various types of barcodes or RFID. Its attractive, easy-to-use interface makes this terminal ideal for high-traffic areas. The REX Ticket Admission System features attractive vandal-proof housing and has several API protocols for easy integration with ticketing systems. The terminal can be wall-mounted or top-mounted with a moving bracket to meet your venue needs.



Deutsche Bank, Dublin



Davy Stockbrokers, Dublin



OUR CUSTOMERS

Advance Systems provide comprehensive turnstile solutions to our customers across a wide range of sectors including retail, transportation, manufacturing, hospitality and financial services. Our clients include KBC Bank, Davy Stockbrokers, Deutsche Bank, Ben Dunne Gyms, Dublin Zoo, Airfield Estate, Ravenhill Stadium and Tayto Park. We have successfully designed custom-fit turnstile systems for all of our customers, including Stadium Turnstiles, Industry Turnstiles, Speed Gates, Ticketing and Port:ACC Turnstile Systems. Our team are specialists in balancing aesthetics with security, ensuring the delivery of high-end, aesthetically pleasing turnstile solutions.


SERVICE & MAINTENANCE

At Advance Systems, our relationship with clients doesn't end with installation and training. We're there to support you as long as you're using our products.

Advance Systems recognise that Organisation Security Requirements often vary based on the Security Needs and Policies and hence we will provide consultation to bespoke the appropriate contract as the environment dictates.



Ravenhill Stadium, Belfast



At Ulster Rugby's Ravenhill Stadium, Advance Systems were awarded a contract to design & build 2 blocks of turnstiles including lockable front doors along with an aluminium clad roof with associated drainage and guttering. Both blocks make up a total of 32 Full Height Stadium Turnstiles with 2 additional wheelchair accessible gates. The ticket admissions systems were supplied by Ticketmaster and we worked closely with them to provide a custom built housing to allow them to flush mount their terminal into the column of the turnstile.



CAR PARKING



Advance Systems is a leading provider of cost-effective, technologically advanced automatic car park payment systems to local authorities and private operators including Hospitals, Hotels, Retailers and Car Parking Management companies.

Advance Systems supplies, installs and maintains total car park systems which include entry stations, exit/payment stations, cashier terminals and fully integrated management and communication systems. We offer comprehensive advice starting with the concept stage of your car park payment system right up to a full turnkey solution.



AUTOMATIC PAY STATION & BARRIERS

Car park system components, including the exit payment stations, work autonomously or as part of an integrated network. Tickets and different payment cards in ISO standard are accepted through a single slot to guarantee ease of use.

Parking fees are calculated automatically in line with your individual tariffs. Payments are by cash, credit, debit, value and city cards, or electronic purse – you have all the payment system options. Each payment station can serve one or several car parks with different rate structures.

PRODUCT RANGE

- Pay & Display Parking
- VT Exit Ticket Terminal
- APTL Payment Machine
- APTM Payment Station
- AZN Automatic Barrier

We provide full back up support and maintenance for the entire lifetime of your car park system and installation.

At Advance Systems Automated Entry Systems, we supply, install and maintain Car Park Systems which includes Entry Stations, Exit and Payment Stations, Cashier Terminals and Integrated Management and Communication Systems including License Plate Recognition. We also provide Pay and Display Parking Systems. We offer advice from concept stage of your Car Park Payment System to a full turnkey solution.

No Entry



Green Isle Car Park, Dublin





REVOLVING & AUTOMATIC DOORS



REVOLVING DOORS

Our revolving doors are suitable for satisfying applications where comfort, safety and design elegance is a must. We provide high performance products for dealing with heavy traffic, plus effective protection against draughts, cold, heat and dust. Our doors come with a variety of surface finishes, designs and dimensional ranges, ensuring maximum flexibility in creating the perfect complement to any facade.



SLIDING DOORS

We supply and install all types of automatic doors, including sliding doors, automatic swing doors and revolving doors. Made to your specification, options include single sliding and bi-parting doors controlled by various activation methods. For entrances to retail, commercial and industrial premises, automatic sliding doors are the usual choice and offer great security.

SWING DOORS

As well as improving customer convenience, automatic swing doors can also be designed to meet legislative (Disability Discrimination Act) requirements. Where pedestrian traffic is low or where automatic sliding doors cannot be installed, automatic swing doors are usually specified.

Our doors are not only beautiful and stylish, but they also meet or exceed safety regulations, reduce the amount of fumes that enter the building, and allow easier access for people entering the building. They are ideal for locations with high traffic, especially shoppers, and they cater for the needs of crutch or wheelchair-bound users.





INTELLIGENT TRANSPORTATION SYSTEMS



TRAFFIC MANAGEMENT SOLUTIONS

Advance Systems is a leading supplier of Intelligent Transportation Systems. We have experience in development, delivery, installation and maintenance in six main areas: Traffic Control, Weight In Motion, Journey Time, Road Maintenance, Parking Systems Road and Parking Violation Systems. We are proud that the quality of our products has been proven by many years in operation under the conditions of daily busy traffic and all kinds of adverse weather. Advance Systems are at the forefront of innovative road traffic technologies development, serving our customers with the highest level of care and flexibility.



VEHICLE COUNTING SYSTEMS

Advance Systems provide intelligent solutions for dynamic traffic counting and classification based on inductive loops and Bluetooth technology. The system is fully configurable and together with different types of sensors it allows real-time traffic counting and classification that follow the needs and local-specific requirements of each customer. Our system also allows traffic flow monitoring and statistics. The system can be installed with overview cameras and other add-on modules.



ITS PRODUCT RANGE

- »» Journey Time / Vehicle Counting Systems
- »» Road Surface Conditions Systems
- »» Weight in Motion

Our monitoring centre is open 24 hours a day remotely watching over all our systems ensuring the continuous operation of technology that is critical for safe and swift traffic.

Our Travel Time Measurement solution is a highly reliable and flexible Bluetooth traffic detector for travel time and traffic flow directionality measurement. Key features include travel time measurement for user defined cycle/interval, queue and incident detection, directional transport survey in a city or on a road network, and accurate identification of traffic direction. The system is based on collection and pairing of anonymised unique Bluetooth MAC addresses using roadside detectors.



M50, Dublin





WEIGHT IN MOTION

Road safety should be a high priority with both trucking companies and regulatory government agencies. Trucks that are overloaded or wrongly loaded are the main causes of trucking accidents. Our Weight in Motion (WIM) system identifies and helps to reduce instances of overweight and improperly loaded trucks. WIM transportation monitoring systems reduce road wear that is caused by overweight trucks. The system accurately collects detailed vehicle data such as vehicle type, number of axles, speed and gross weight. The sensor-based system is so efficient that some trucking fleets become self-regulating.

ROAD WEATHER MAINTENANCE

Advance Systems provide truly complex solutions and technologies for Intelligent Winter Road Maintenance Information Support. Starting from hardware technology for Weather Data Acquisition to an advanced Maintenance Decision Support system and sophisticated Cost Evaluation Analysis, our solutions cover all of the vital aspects of winter maintenance information in a unique complex way. A complete road weather information system – from weather stations to the dispatcher prediction module – helps to increase safety and at the same time to optimise maintenance costs thanks to the timely and effective treatment of roads.



PAS 68 HIGH SECURITY PRODUCTS



Advance Systems are a leading provider of High Security Vehicle and Pedestrian Control Solutions including security barriers, road blockers, security bollards, static bollards, turnstiles, automatic sliding gates and manual barriers complemented by a wide range of parking accessories. These include parking barriers, height restrictors, lane closure gates, crash barriers and edge protection.

For commercial & industrial use we have a robust range of security barriers, road blockers, automatic sliding gates, speed gates and cantilever gates. Our after sales support offer a full range of maintenance plans from basic servicing to a 24/7 fast response contract.



DEDICATED SUPPORT SERVICES

The Advance Systems team provide a range of preventative maintenance packages to suit the specific requirements of our customers. Regular maintenance helps ensure smooth system operation and equipment longevity. Options are available ranging from our 'Standard' cover offering annual maintenance along with other benefits through to our 'Premium' and 'Premium Plus' options which offer more comprehensive cover and enhanced response times. Our experienced regionally based engineers ensure that help is never far away.

PRODUCT RANGE

- 》》 Road Blockers
- 》》 Security Bollards
- 》》 Security Barriers
- 》》 High Security / Ballistic gates

Our extensive range of Road Blockers, Bollards, Barricades, Drop Arm Gates, Sliding Gates and Crash Beam Barriers have all undergone a variety of impact testing and blast testing, ensuring the highest level of quality and performance.

Advance Systems were selected by Walls Construction to install and deliver a project consisting of 19 Static and 6 Rising Hydraulic Security Bollard units at The New Central Bank Offices in Spencer Dock Dublin. The Bollards are 1M High Stainless Steel units and are individually impact tested to withstand 7500Kg travelling at 80Kmph. Advance Systems worked with Walls so as to ensure we deliver an automated, sophisticated working solution on time, within budget and as per Architect specification.



Central Bank, Dublin



Ireland
Head Office

Unit 4L
The Square Industrial Complex
Tallaght, Dublin 24, Ireland

t: 00 353 1 463 7111

e: sales@advanceaccess.ie

w: www.advanceaccess.ie

UK Office

200 Brook Drive
Green Park, Reading
RG2 6UB, United Kingdom

t: 0118 207 8919

e: sales@advanceaccess.co.uk

w: www.advanceaccess.co.uk

