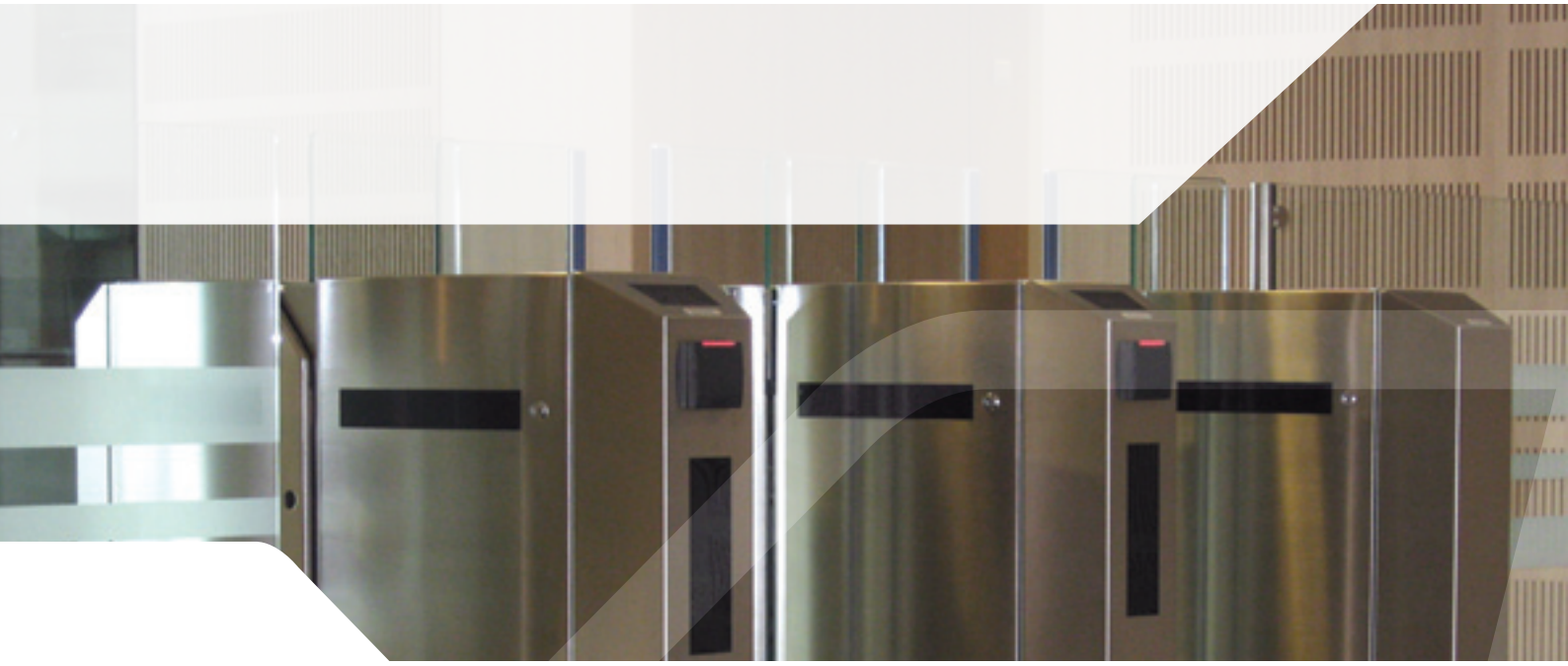
Access controlled... Future secured.

AUTOMATIC SYSTEMS
IER GROUP

PEDESTRIAN



AUTOMATIC SYSTEMS, a world leader in the automation of secure entrance control, has been designing and manufacturing pedestrian, vehicle and passenger access systems for over 40 years.

AUTOMATIC SYSTEMS has a global presence, with subsidiaries in Europe, Asia and North America, as well as a vast international network of distributors.

Currently, there are more than 90 million daily users of AUTOMATIC SYSTEMS equipment worldwide.

PEDESTRIAN PRODUCTS

Entrance control automation in a building or at the perimeter of a site permits high throughput capacity while increasing security and reducing operating costs. Automatic Systems offers a wide range of innovative, aesthetic and discreet products.
These products are designed for controlling pedestrian access and combine security, speed, user protection with very high reliability. They are compatible with all access control systems.

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SlimLane 950

SECURITY ENTRANCE LANES

Security entrance lanes are designed to achieve maximum throughput while offering a high level of security. The modern and clean design of the security entrance lanes is perfectly suited to corporate and public environments.

SlimLane Series

Equipped with state-of-the-art detection and connectivity technologies, SlimLane's double swing security entrance lanes combine high throughput with advanced user protection. Available in compact, standard or wide lane versions, the SlimLane series fits all sites including where space is critical.

Strengths and advantages

- Streamlined and elegant design that blends seamlessly into any type of architecture
- Compact footprint for maximum throughput
- Fast double swinging doors for high flow and easy utilisation
- Two operating modes: 'SECURI-SAFE' mode for enhanced security or anti-panic 'EGRESS' mode
- High-density matrix of infrared beams and advanced throughput management application preventing unauthorised use
- Embedded IP connectivity with Smart n' Slim Monitoring Panel for remote management and supervision of your security entrance lanes
- Flexible product combining compact, standard and wide lanes
- Long lifecycle with low maintenance costs

Applications

Featuring a clean and elegant design, the SlimLane series suits all architectural aesthetics such as office buildings, head offices, banks, administrative and sensitive sites.

SmartLane 902

SmartLane Series

SmartLane provides a high degree of bidirectional control without compromising user protection or a company's prestigious image. Available in compact or wide lane versions, with or without extensions, SmartLane provides an optimum ratio between throughput, footprint and security.

Strengths and advantages

- Discrete and elegant design
- Secure, reliable, high-performance detection system
- Retractable doors for quick opening and closure
- Mechanical and electronic user protection
- Height of the obstacles: up to 1.9m completely securing the lane
- Mechanical locking, preventing forced opening
- In case of emergency, the lane is opened by intrinsic mechanical energy
- IP connectivity through Smart n' Slim Monitoring Panel for remote management and supervision of your security entrance lanes
- Proven reliability: more than 15.000 lanes operating in public transport
- Long lifecycle and low operating costs

Applications

SmartLane is designed to manage high pedestrian throughput in corporate environments such as banks, insurance companies, office buildings, headquarters, administrative sites, government and institutional establishments, sensitive sites (pharmaceutical, data centres, etc.) and airports.

PNG Series

PNG entrance lanes have been a high-performance and highly reliable solution for over 10 years.
In the compact or wide version, with or without extensions, PNG automates the management of bidirectional pedestrian access.

Strengths and advantages

- High-performance electronic intrusion detection
- Retracting doors for rapid opening and closing
- User is physically and electronically protected
- Closure of passages with obstacle heights up to 1.9m
- Mechanical locking, preventing forced opening
- In case of emergency, the obstacles are automatically opened by intrinsic mechanical energy
- Proven reliability: more than 15.000 lanes operating in public transport
- Long lifecycle and reduced operating costs

Applications

PNG is especially suited to industrial environments, sports and leisure centres, public establishments, schools, universities and colleges, hospitals and health centres as well as sensitive sites (military, nuclear, etc.).

TRIPOD TURNSTILES

Tripod turnstiles provide automated deterrent access control for prestigious sites and very demanding environments. A solution that is both easy to install and with a minimal footprint.

TR Series

TR series tripod turnstiles are robust products designed for increased durability. They can operate in both directions and are suitable for internal and external applications.

Strengths and advantages

- Long-life mechanical construction
- Housing in superior-quality stainless steel
- Non-removable arms
- Stress-resistant mechanical locking
- Inactive arms do not obstruct the passage
- Controlled falling arm (emergency or application)
- Removable end covers for easy integration of any type of access control device
- Easy to install

Applications

The TR series equipment is designed to withstand abuse and intensive use. They are especially suitable for sports, leisure and community centres, schools, universities and colleges, shops and shopping centres, ports and port facilities as well as industrial sites.

SWING GATES

Swing gates provide a standard point of access for the evacuation of the buildings in the event of an emergency and/or a wider passage way for people with reduced mobility and service personnel.

PMD Series

PMD swing gates are used in conjunction with PNG lanes. They echo the design of PNG creating aesthetic uniformity when installed in banks. This series comprises several motorised models and offers single or bidirectional throughput.

Strengths and advantages

- Easy integration with any type of identification or authorisation system
- Standalone installation or opposite a wall, barrier or other type of obstacle
- Mechanical and electric locking in the closed position prevents fraudulent entry
- Audible and visual alarms
- Automatic opening in the event of an emergency
- Safety photocells
- Ensures millions of cycles without breakdown

Applications

PMD swing gates provide a comprehensive solution suitable for people with reduced mobility for sectors where simple control of throughput is necessary. They are especially suited to industrial environments, sports or leisure complexes, public establishments, hospitals and health centres, schools, universities and colleges, as well as sensitive sites : military, nuclear, etc.

PPV Series

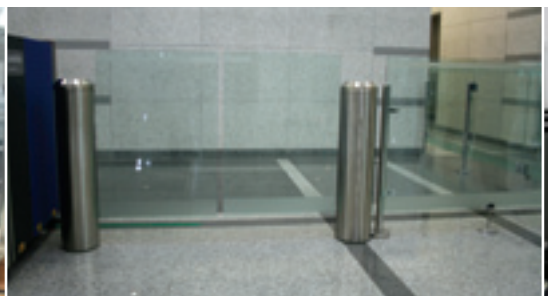
Bidirectional PPV swing gates are used alone or in conjunction with other products such as SmartLane, PNG or TBV. They are installed discreetly and aesthetically in building entrance halls.

Strengths and advantages

- Minimal footprint
- Stainless steel column with a transparent glass panel
- Rounded columns, with complete elimination of sharp angles and protrusions
- Turning central column with free rotation in the event of an emergency
- Stand-alone installation facing a wall, railing or other type of obstacle
- Installation for independent or simultaneous operation
- IP connectivity with Smart n' Slim Monitoring Panel available enabling remote monitoring, management and support of all your PPV units
- Long lifecycle

Applications

PPV glazed swing gates blend into the architecture of luxury entrance halls while providing dissuasive security in banks, insurance companies, government and institutional establishments, office buildings, headquarters, administrative sites, hospitals and health centres.



SECURITY DOORS

Security doors offer the most powerful solution for physical and electronic security of automated entrance control. The doors prevent hot and cold air from directly entering the building, leading to reduced energy consumption. A system that provides both an environmental and highly secure solution.

RevLock series

Automatic Systems' RevLock series are high security revolving doors with a modern design that suits all architectural styles. With an option of 3 or 4 motorised wings, they allow simultaneous two-way access to a continuous flow of authorised users, while denying access to unauthorised persons.

Strengths and advantages

- Automated high flow of pedestrian users
- Electronic detection of single passage
- Modern structure, featuring a large-glazed surface, allowing seamless integration into any environment
- Flexible solution to meet customer needs (e.g. option to increase height to 2.300 mm (90 ½"))
- Indoor, façade or outdoor installation
- Doors can be mounted directly on to existing floor
- Retractable obstacles for emergency egress
- Energy savings

Applications

With a modern design and many options, the RevLock series of revolving doors is the ideal solution for entrance control of office buildings, government buildings and airports.

ClearLock series

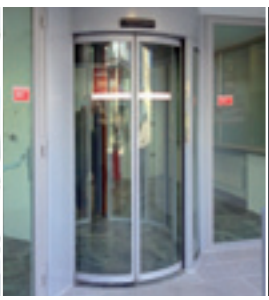
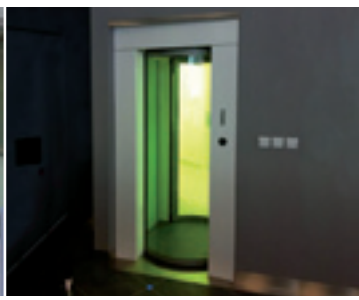
Automatic Systems' ClearLock security booths are interlocking doors especially designed for sensitive sites. Combining high security, elegance and speed, the ClearLock series is available in several sizes, shapes and designs, with single or double doors, on entry or exit…

Strengths and advantages

- Automation of highly secure pedestrian access
- Several electronic systems for piggybacking and tailgating detection (e.g. volumetric, weighing…)
- Bullet, vandalism and burglary resistance to meet industry standards (EN1063, EN356, UL752…)
- Metal or left object detection
- Numerous options and accessories available
- Design eliminates the sense of confinement
- Outside surveillance ensured
- Small footprint and direct installation on to existing floor
- Proven reliability (more than 6.000 installations)

Applications

With an elegant design and many options, the ClearLock series of security booths is the ideal solution for entrance control of highly secure data centres, offices, banks and laboratories.

FULL-HEIGHT TURNSTILES

TRS Series

TRS full-height turnstiles come with a guarantee for high resistance to corrosion in hostile environments.

Their mechanical bidirectional operation reduces operating costs while making them a long term investment.

Strengths and advantages

- Rotating obstacle, fixed comb and frame in galvanized steel (plain or painted finishing)
- Robust mechanism - the result of 40 year's experience
- Arms welded to mobile comb plates
- Fixed climb-proof walls
- Mechanical locking
- Access control (entry, exit or bidirectional)
- Easy to operate and high user-protection

TRIPOD TURNSTILES

TBV Series

The modern design of the TBV series has little impact on the architectural environment. Its bidirectional operation provides optimum flow management.

Strengths and advantages

- Minimal footprint
- Smooth and quiet operation
- Stress-resistant mechanical locking
- Non-removable arms
- Complete elimination of angles
- Free rotation in the event of an emergency
- Long lifecycle and reduced operating costs

PRODUCT CUSTOMISATION

Automatic Systems offers a wide range of accessories and options. Our teams are there to fulfill your requests and needs so that our solution is perfectly suited to your environment.

Security and safety

- Ideal for physically or electronically blocking pedestrian access, security options allow anti-return control thus raising security level.
- Purposes of user-friendly pedestrian options are twofold: to provide user with physical protection and to comply with various emergency evacuation regulations.

Command and control

- The control options guide the flow of pedestrians towards the correct point of access and clearly indicate whether the access is accepted or refused.
- In addition to remotely control the equipment, command options provide the ability to seamlessly integrate the various components (readers or access control systems).

Aesthetics and customisation

- At Automatic Systems, we understand the importance of integrating our products to your architectural style, environment or setting. Therefore, a wide range of design options are available.

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Find the Pedestrian Product for your needs

	Passages/minute [1]	Mobility Impaired	Passage Width (mm)	Obstacle Height (mm)	Footprint	Movement			Activation		Aesthetics		Automatic Opening in Case of Emergency
					Single Lane (mmxmm)	Retractable	Swing	Rotating	Motorised	Manual	Comtemporary	Classic	
Security Entrance Lanes													
SmartLane 900	60		500-600	1000-1900	1200x1200	<1s			●		●		●
SmartLane 901					1200x1600	<1s			●		●		●
SmartLane 902					1200x2000	<1s			●		●		●
PNG 380	60		500-600	1000-1900	1270x1270	<1s			●			●	●
PNG 381					1270x1635	<1s			●			●	●
PNG 382					1270x2000	<1s			●			●	●
SmartLane 910 Twin	2x60		2x500-550	1000-1900	1550x1200	<1s			●		●		●
SmartLane 911 Twin					1550x1600	<1s			●		●		●
SmartLane 912 Twin					1550x2000	<1s			●		●		●
PNG 390 Twin	2x60		2x500-550	1000-1900	1585x1270	<1s			●			●	●
PNG 391 Twin					1585x1635	<1s			●			●	●
PNG 392 Twin					1585x2000	<1s			●			●	●
SmartLane 910	60	♿	800-900	1000-1900	1800x1200	<1s			●		●		●
SmartLane 911		♿			1800x1600	<1s			●		●		●
SmartLane 912		♿			1800x2000	<1s			●		●		●
PNG 390	60	♿	800-900	1000-1900	1870x1270	<1s			●			●	●
PNG 391		♿			1870x1635	<1s			●			●	●
PNG 392		♿			1870x2000	<1s			●			●	●
SlimLane 940	60		575-725	900-1700	1000x1640		<1s		●		●		●*
SlimLane 950		♿	725-950		1300x1640		<1s		●		●		●*
SlimLane 944			525-600		857x1640		1s		●		●		●*
SlimLane 945 Twin	2x60		2x525-600	900-1700	1565x1640		1s		●		●		●*
Swing Gates													
SmartLane 935	10	♿	900	1000-1900	1281x1199		4.5s		●			●	●
PMD 335	10	♿	900	1000-1900	1255x1270		4.5s		●			●	●
PMD 336		♿			1255x1635		4.5s		●			●	●
PMD 337		♿			1255x2000		4.5s		●			●	●
SL 930	20	♿	900	900-1200	215x1115		3s		●		●		
SL 931		♿		1200-1900			3s		●		●		
PPV 323	20	♿	1000	932	215x1215		3s		●		●		
Tripod Turnstiles													
TBV 327	15		500	932	1350x1350			●	●		●		
TR 490	20		500	760	765x1220			●		●		●	
TR 491								●		●		●	●
Full-Height Turnstiles													
TRS 370	15		640	2290	1540x1370			●		●		●	
TRS 371	12		560		1540x1529			●		●		●	
TRS 372	2x15		2x640		2400x1370			●		●		●	
Security Doors													
RevLock 600/610	15/20-30/40		750	2090	Ø 1800			●	●		●		
RevLock 601/611	12/16-24/32		1000		Ø 2300			●	●		●		
ClearLock 630	6		580	2005	Ø 1050	1.5s			●		●		
ClearLock 631	5		700	2045	Ø 1150	1.8s			●		●		
ClearLock 632	4	♿	900	2090	Ø 1485	1.9s			●		●		
ClearLock 633 Twin	2x4		2x580	2005	1800x1050	1.5s			●		●		
ClearLock 634 Twin	2x4		2x700	2045	2000x1150	1.5s			●		●		
ClearLock 640/643	6		580	2000	1050x1050	1.5s			●			●	
ClearLock 641/644	5		700		1150x1150	1.8s			●			●	
ClearLock 642	4	♿	900		1500x1500	1.9s			●			●	
ClearLock 650	7		580	2005	Ø 1050	1s			●			●	
ClearLock 651	6	♿	900	2090	Ø 1485	1.5s			●			●	
ClearLock 652	6	♿	900	2090	1450x1900	1.5s			●			●	
ClearLock 654			890	2090	1380x930	1.5s			●			●	
ClearLock 655		♿	1050	2400	2300x1540	2s			●			●	
InterLock 670	5	♿	900	2050	1600x1600	1.5s			●			●	
InterLock 671 Twin	2x6	♿	2x700	2050	2000x1600	1.5s			●			●	
InterLock 672 Twin		♿	700+900	2050	2300x1600	1.5s			●			●	
InterLock 673 Twin		♿	2x900	2050	2500x1600	1.5s			●			●	

Legend: * Option / [1] varies with access control systems

Access controlled... Future secured.

Pedestrian Cat./EN/06-2013

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