PASSENGER ACCESS CONTROL SOLUTIONS

PUBLIC TRANSPORTATION, AIRPORTS & IMMIGRATION
**DESCRIPTION**

- Highly rigid self-supporting welded mechanical steel central frame
- Housing in brushed 304L stainless steel. The panels are closed by flush-mounted security locks
- Clear Securit® glass obstacles “railway type” 12 mm thick, with a standard height off the ground of 1800 mm
- Anti-intrusion obstacles
- DIRAS: carry out the checking of the passage of users through the walkway and antifraud control
- Safety photocells: ensure the safe passage of users between the moving obstacles
- Each housing is fixed to the floor with an adjustable painted steel base making it possible to significantly ease installation via level corrections
- Logic and motorisation including:
  - Programmable control unit
  - Motorisation carried out by an asynchronous motor managed by a speed controller variator based on an inductive check of the position of the obstacles

**RELIABILITY AND COST OF OWNERSHIP**

- Highly reliable gates, designed to cope with peak hour heavy traffic
- A global MCBF of over 4 million cycles
- 45 year experience, 90 million daily users and 20,000 automatic transport gates installed worldwide
- World leader for the supply of transport speed gates (IMS source)
TGS TRANSPORT SWING GATE

DESCRIPTION

• Highly rigid self-supporting welded mechanical steel central frame
• Housing in brushed 304L stainless steel: panels are closed by flush-mounted security locks
• Clear Securit® glass obstacles “railway type” 12 mm thick
• A user friendly design
• DIRAS: carry out the checking of the passage of users through the walkway and antifraud control
• Safety photocells: ensure the safe passage of users between the moving obstacles
• Each housing is fixed to the floor with an adjustable painted steel base making it possible to significantly ease installation via level corrections
• Logic and motorisation including:
  - Programmable control unit
  - Brushless motorisation
**TGF 820 - TGF 880 FLAP GATE**

Range of equipment for the control of travellers (also with reduced mobility) in public transport networks. Their main features are:

- 2 widths of passage: 500 to 600 mm and 800 to 900 mm (telescopic flaps)
- Comfortable
- Performing detection with increased users’ safety
- Throughput between 40 and 60 passengers/minute depending on the reader
- Retractable flaps
- Easy and ergonomic integration of all types of reader: magnetic, contactless, barcode, biometric,...

**TGT 850 TRIPOD TURNSTILE**

Equipment designed for the control of travellers in public transport networks. Its main features are:

- Small footprint
- Width of passage up to 600 mm
- Falling arm (TGT 851) allowing passage in case of emergency
- Throughput between 6 and 12 persons/minute depending on the type of reader
- Easy and ergonomic integration of all types of reader: magnetic, contactless, barcode, biometric,...
- Withstands outdoor installation (under canopy)
- Additional high automatic door behind the turnstile possible

**PMD 335 REDUCED MOBILITY COMPLIANT SWING GATE**

1. High rigidity self-supporting frame, integrating an electromechanical drive, users’ passage safety sensors and electronic control units
2. Lateral panels on the side opposite to the obstacle made of painted steel
3. Front and rear end sections made of 1,5 mm thick brushed finish AISI 304L stainless steel sheet
4. Obstacle made of 12 mm thick clear tempered safety glass
5. Brushed finish AISI 304 stainless steel doors
6. Electromechanical assembly
7. Programmable control logic ensuring the motor operation
8. User orientation pictogram
9. Protection cells

**PAS 760 EXIT ONLY DOOR**

1. Vertical post (right and left columns) for a single or an inline installation
2. One or several vertical secondary columns for inline installation or between walls
3. Lintel houses the mechanism which opens and closes the doors (rod and crankshaft device), control board, detectors, safety cells as well as pictograms. It is housed in a stainless steel body with tinted polycarbonate windows
4. Two swinging doors closing in a V towards the exit
5. Side panels are necessary on the exit side and recommended on the entry side in order to guide the user under the detectors
BORDER CONTROL SYSTEM BIOMETRIC

- Passport check
- Passport check Biometric watching system
- Passport check Secured crossing border process

AUTOMATIC SYSTEMS DETECTION & ANALYSIS SOLUTION (ASDAS)

ASDAS ensures single passage detection, essential to the automation of border and building entrance control, thus increasing throughput.

DETECTION

- Adults, children and people with disabilities, pushing or carrying any type of luggage or trolleys
- Able to detect the difference between an adult pulling a piece of luggage and an adult accompanying a child
- Piggybacking: side-by-side and tailgating detection

Side profile detection  Front profile detection
AUTOMATIC SYSTEMS WORLD REFERENCES

MORE THAN 20,000 TRANSPORT GATES INSTALLED FOR AIR & PUBLIC TRANSPORT.

BENEFITS
- Secure all restricted areas (passengers...)
- Eliminate most passenger frauds and organise passenger flow
- Fast increase of operators revenue
- Low cost of ownership, low maintenance

MARKETS
- Mass transit systems
- All ground / underground transportation
- Docks and sea transportation
- Airport access control

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And the world turns faster