



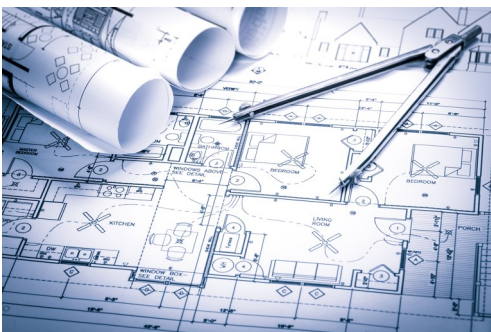
# **Pedestrian Entrance Control Product Selection**

**“Evolving the way you manage your pedestrian access.”**

## Product Selection

When it comes to selecting the correct product Evolve believes that is not as simply as looking at one manufacturer list of products, it about undertaking a study of the end users operational requirement, the building layout, security and safety requirements. Once you understand these you can the select the most suitable product for the end user.

Evolves technical team is always on hand to help its partners pick the most suitable product, even if it's not Evolves. By doing this we learn about the latest market trends and what the end user actual needs.



## Design Stage

Selecting the most suitable product should begin at the initial design stage. The specifier should work with the end user, the system integrators and the manufacturer or its approved distributors.

The specifier must also consult with other relevant building authorities (e.g. fire and building control authorities) as they all have a responsibility in the final solution.



It is particularly important for the specifier to establish the end user operational requirements such as:

- The volume of pedestrian traffic at different times of the day.
- The type of pedestrian traffic, such as the elderly, the infirm, disabled persons, parents with pushchairs and young children.
- The level of security and safety required.
- Risks posed by beaches of security and terrorist threats.
- The level of equipment abuse.
- Knowledgebase of security products available.





## Security Needs

All businesses have to protect their employees and assets whilst allowing people to move freely in the areas that they need to.

In today's world business also needs to consider social distancing, face coverings, hand cleaning and body screening.

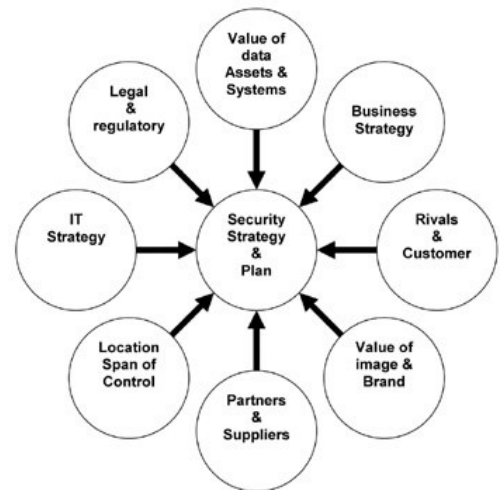
When it comes to protecting people and premises, equipment specifiers need to be sure the equipment they specify meets the needs of the end user and the modern-day working environment.

A good approach is to work with a local systems integrator or installer, who is not tied to one manufacturer. They will in turn be able to call on the experience of a number of manufacturers giving a wider knowledgebase of products available, help find the best solution for the end user's budget and security needs.

## Security Plan

Good pedestrian access control can go a long way toward keeping potential criminals out, reduce risks posed by terrorist threat, other breaches of security, and sets the tone for the rest of the site's security and safety needs.

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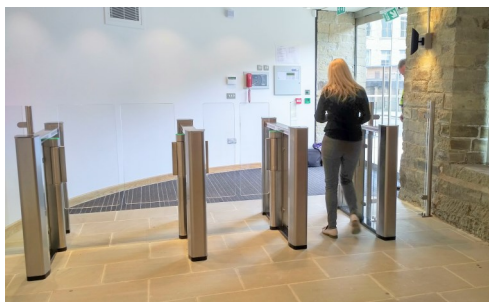
There are many elements that must come together to make up a comprehensive security plan for pedestrian access, such as:-

- A strong secure perimeter with a limited number of access points into a building.
- Controlled access of all people and vehicles.
- Heightened security measures for areas containing particularly sensitive items and/or key operational equipment, documents, records etc.
- Visitor badges,
- Visitor entry/ escort procedures, and
- Emergency lockdown drills.

## Entry Points

Entry points can be staffed by either security personal, receptionists or unattended. Reception areas should provided a system whereby visitors and staff cannot proceed beyond the reception point without the appropriate authority, such as:

- Being escorting visitors from the point of entry.
- Passing though a physical barriers such as locked doors, security turnstile or gates,
- Electronic access control / management system.



There are numerous types of pedestrian entrance control products on the market each designed to suit different end user requirements. Different sites and locations require different products.

Physical pedestrian entrance control products typically consist of: -

- Standard access doors.
- Tripod turnstiles.
- Paddle leaved gates,
- Swing/pass gates.
- Retractable gates.
- Full height turnstiles.
- Revolving doors.
- High security booth/portals.

## Product Selection

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## Tripod Turnstiles TT

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**TT100**

**TT200**

**TT300**

## Retractable Flap Gates RG

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**RG100**

**RG400**

## Retractable Slide Gates RG

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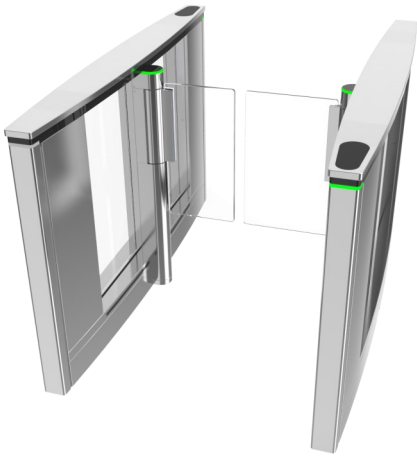
**RG200**

**RG300**

**RG500**

## Paddle Gates

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**PG100**

**PG200**

**PG300**

**PG400**

**PG500**

**PG600**

## Swing Gates SG

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**SG101**

**SG102**

**SG103**

**SG104**

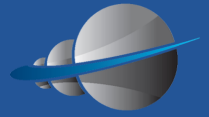
## Full Height FT

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**FT100**

**FT102**



**Product Selection**

# PRODUCT SELECTION

PRODUCT SELECTION															OPTIONS				
	Type/Speed/Operation							Passages per min	DDA	Cabinet Size (mm)			Obstical Height (mm)	Opening on Power Failure	Opening on Emergency Input	Battery for opening on power fail	Enhanced SAFETY	Enhanced SECURITY	Enhanced ZONE Monitoring
	Retractable	Flap	Paddle	Swing	Rotating	Manual	Motorised			Length and Width	Height	Walkway							
RG100	~	1s	~	~	~	~	Y	60	SG100	1300 x 1150	1020	550	900	N	Y	O	O	O	O
RG200	1s	~	~	~	~	~	Y	60	SG100	1300 x 1150	1020	550	940	N	Y	O	O	O	O
RG300	1s	~	~	~	~	~	Y	60	SG100	1600 x 1150	1020	550	940	N	Y	O	O	O	O
RG400	~	1s	~	~	~	~	Y	60	SG100	1080 x 1600	1020	550	900	N	Y	O	O	O	O
RG500	1s	~	~	~	~	~	Y	60	SG100	1080 x 1600	1020	550	940	N	Y	O	O	O	O
PG100	~	~	1s	~	~	~	Y	60	N	1600 x 970	1020	600	900	M	Y	O	O	O	O
PG101	~	~	1s	~	~	~	Y	60	Y	1600 x 1270	1020	900	900	M	Y	O	O	O	O
PG200	~	~	1s	~	~	~	Y	60	N	1600 X 1080	980	600	900 - 1700	M	Y	O	S	S	O
PG201	~	~	1s	~	~	~	Y	60	Y	1600 X 1380	980	900	900 - 1700	M	Y	O	S	S	O
PG300	~	~	1s	~	~	~	Y	60	N	1600 x 1040	980	600	900 - 1700	M	Y	N	S	S	O
PG301	~	~	1s	~	~	~	Y	60	Y	1600 x 1340	980	900	900 - 1700	M	Y	N	S	S	O
PG302	~	~	1s	~	~	~	Y	60	N	1600 x 980	980	600	900 - 1700	M	Y	N	S	S	O
PG303	~	~	1s	~	~	~	Y	60	Y	1600 x 1560	980	1020	900 - 1700	M	Y	N	S	S	O
PG400	~	~	1s	~	~	~	Y	60	N	1600 x 1010	1020	600	900	M	Y	N	S	S	O
PG401	~	~	1s	~	~	~	Y	60	Y	1600 x 1310	1020	900	900	M	Y	N	S	S	O
PG500	~	~	1s	~	~	~	Y	60	N	1600 x 924	1020	600	900	M	Y	N	N	N	O
PG501	~	~	1s	~	~	~	Y	60	Y	1600 x 1224	1020	900	900	M	Y	N	N	N	O
PG600	~	~	1s	~	~	~	Y	60	N	1600 x 970	1020	600	900 - 1700	M	Y	N	S	S	O
PG601	~	~	1s	~	~	~	Y	60	Y	1600 x 1270	1020	900	900 - 1700	M	Y	N	S	S	O
SG100	~	~	~	2s	~	~	Y	30	Y	168 + 850	1050	900	980	M	Y	N	O	O	O
SG101	~	~	~	2s	~	~	Y	30	Y	168 + 850	1050	900	980	M	Y	N	O	O	O
SG102	~	~	~	2s	~	~	Y	30	N	168 + 550	1050	600	1200	M	Y	N	O	O	O
SG104	~	~	~	2s	~	~	Y	30	N	168 + 550	1050	900	1500	M	Y	N	O	O	O
TT100	~	~	~	~	Y	~	Y	20	N	1200 X 240	980	500	800	Y	Y	N	N	N	N
TT200	~	~	~	~	Y	~	Y	20	N	1200 X 240	980	500	800	Y	Y	N	N	N	N
TT301	~	~	~	~	Y	~	Y	20	N	1080 X 240	980	500	800	Y	Y	N	N	N	N
TT303	~	~	~	~	Y	~	Y	20	N	500 X 265	980	500	800	Y	Y	N	N	N	N
FT100	~	~	~	~	Y	Y	~	15	N	1510 X 900	2314	600	800	Y	Y	N	N	N	N
FT101	~	~	~	~	Y	Y	~	15	N	1510 X 900	2314	600	800	Y	Y	N	N	N	N

Note 1 Passage number per min is dependent on the speed of the user and the access control system

- M Obstacles needs to be MANUAL pushed open on power failure
- A Obstacles Automatically open on power failure
- S Fitted as STANDARD
- Y YES
- N NO / Not available
- O OPTION available



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