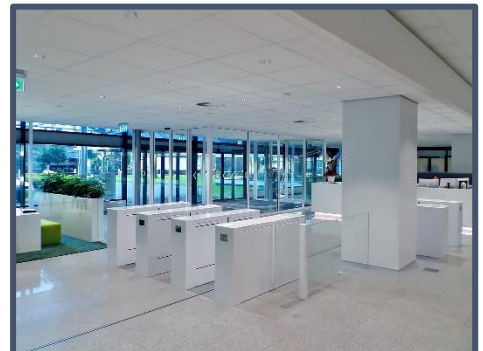
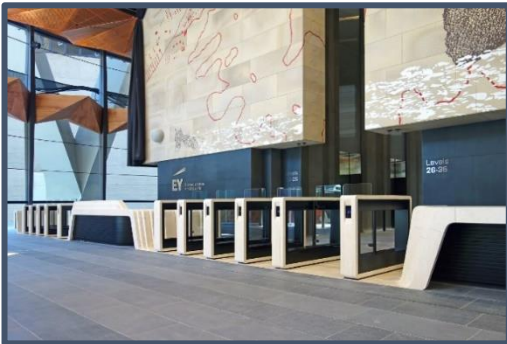


Security by Design

Options to help make an entrance control solution blend in to the building design



 **Entrance
Control**



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Introduction

Security is crucial in any modern office. The need to protect people and valued assets has become a key priority for many corporate businesses, and most security problems can be solved by limiting access to authorised people.

This makes the point of entry, the lobby, an important front line of defence against security threats. Secure the lobby and you will put a stop to most threats and nuisances before they get close to people or valued assets.

Yet the entrance to a commercial facility must be aesthetically welcoming and easy for staff and visitors to use, as well as easily managed by security staff.

To help you manage all these requirements, Centaman Entrance Control has designed a premier range of speedgates with a flexible and effective approach to entrance control, for areas that would like to achieve a high level of security in an aesthetically pleasing way that does not detract from the visitor experience.

Combining the latest infrared technology with stylish, user-friendly physical barriers, EasyGate systems offer the very latest in high-tech entrance control technology for the modern business environment. The barriers are available in either a 'retracting' or 'swing' barrier design and with height options of either waist height or taller at 1200mm to 1800mm to deter jump over attempts. The bi-directional glass barriers are designed to work in a 'normally closed' mode and open after a valid card has been presented to allow the authorised user to pass through a clear lane. The barriers are designed to close quickly behind the authorised person to deter tailgaters whilst the IR sensors monitor the lane to detect unauthorised entry and ensure the safety of users.

Design Service

The specification of a turnstile might be driven by security, but that doesn't mean a compromise on style. As your security gate design partner, Centaman Entrance Control can help create security gates which complement or accentuate your ideal architectural vision. That's because all the speedgates in our EasyGate range can be delivered with a bespoke finish from an almost limitless choice of colours, textures and materials – Allowing you to achieve the look and feel you require. We are the only provider that can supply such an extensive range of bespoke turnstile options, underpinning this with a dedicated turnstile design team.

While security is an important aspect of a turnstile's design, it is equally important that the turnstile does not impede the layout of a modern reception, physically or visually. Centaman Entrance Control bespoke turnstiles can be specified to suit your vision and deliver on security to prevent tailgating and other unauthorised entry attempts.

Our design team will provide expert guidance on any bespoke security gate solution, offering advice on customised finishes and creating custom designs from a hand sketch on request.

Levels of Customisation

Typical customisations can be broken down into 4 levels.

Level 1 - Customised pedestal tops out of coloured glass, Corian, stone, marble or wood

Stage 2 - Custom metal finishes for the panels such as polished, black or beaded stainless steel from Rimex

Stage 3 – Cladding a pedestal in a more organic material such as stone, granite, wood or man-made alternatives like Corian

Stage 4 – A custom designed pedestal to alter the shape, size or set out of the speedgates

In addition, these 4 levels can be combined

Examples of Customisations

Stage 1 - Customised Pedestal Tops

Purple Backed Glass Top



White Backed, Low Iron Glass



Red Backed Glass Top



Custom Acrylics



Natural Materials; like -Stone, Marble or Granite



Stage 2 - Customised Metal Finishes

Polished Stainless Steel



Rimex Finishes; such as black, bronze, champagne or other coloured stainless steel



Black Stainless Steel



Combinations; such as black stainless steel and black glass



Paint Finish

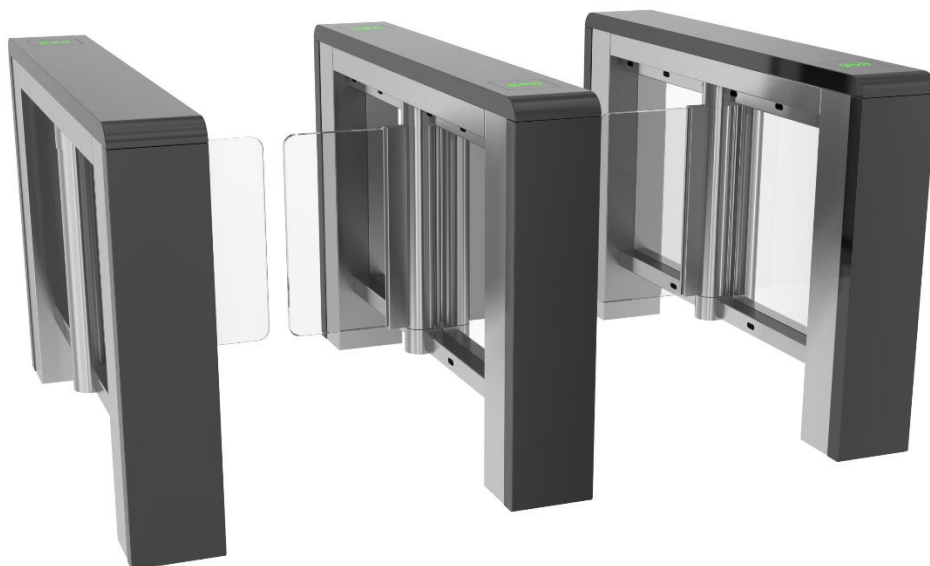


Bronze Finish



Level 3 – Cladding

Different Colour Corian's



Stone

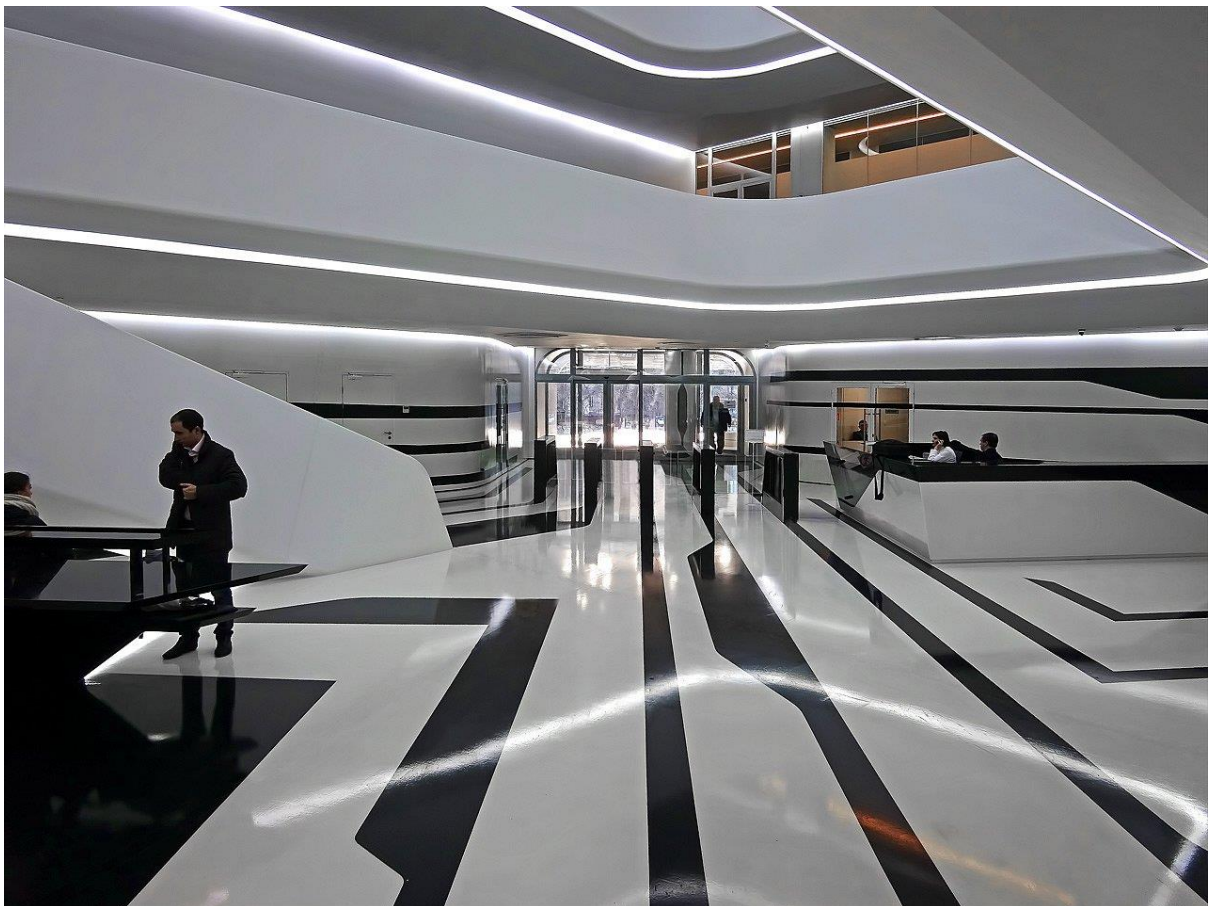


Wood



Level 4 – Customised Pedestals

This Pedestal was custom designed for its shape, material and layout to match the site



Case Studies

Here are a few examples of successful architectural projects that have leveraged our expertise to design custom security solutions that enhance and modernise the space.



200 George St

9 lanes of customised Centurion EasyGate from Centaman Entrance Control have been installed 200 George Street, Sydney.

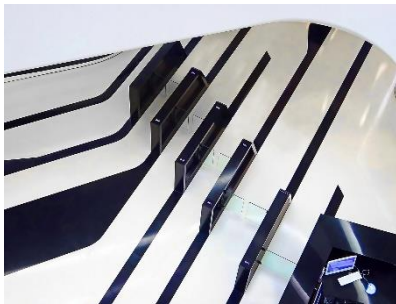
200 George Street, Sydney is Mirvac's latest Premium grade office tower. Designed by award winning architects Francis-Jones Morehen Thorp, 200 George Street is one of Australia's most environmentally advanced and sustainable buildings. 200 George Street has achieved a 6 Green Star rating in Office Design v3, with a goal to attain a 6 Star As Built rating and 5 Star NABERS rating. As Australia's first fully LED lit building, 200 George Street enjoys reduced power consumption costs, efficient lighting, lower maintenance cycles, and will contribute to less landfill throughout the life of its fitting. The building houses world-class businesses such as Ernst & Young and Mirvac.

Due to its busy foot traffic, the building required an integrated access control system, lift destination control system and turnstile solution to limit building access to authorised occupants and visitors. Additionally, the solution needed to increase the speed of pedestrian movement into and up through the building, and blend in with the overall building design.

Centaman Entrance Control worked closely with the architects, Francis-Jones Morehen Thorp, to conceive a solution. The architects penned a concept for the turnstiles and the design team at Centaman Entrance Control developed a solution marrying the concept with an existing EasyGate model.

Based on the EasyGate HG with 1200mm high barriers for enhanced security, the design included customised pedestals, clad in the same stone as the concierge desks. To ensure the speedgates complemented the overall design concept and enhanced the building's striking lobby, the metal work was finished in black.

Dominion Tower



Created by Zaha Hadid, this seven story office block provides offices for start-up companies. The 36 metre tall building features white floor slabs, which are unevenly stacked to create irregular protrusions. Joins between the sections of the floor slabs and in the glazing that wraps each floor form a grid pattern across the facade. Staircases with white balustrades and shiny black treads diagonally crisscross an atrium in the centre of the building. Curving balconies overlook the void from each floor, creating a similar sculptural effect to the staircases in Hadid's MAXXI museum in Rome.

The building required the creation of a security perimeter at the reception to ensure access was limited to staff who work in the building and their guests. Clearly, such a unique building required an equally unique entrance control solution. As such four lanes of EasyGate SG where custom-designed to match the dramatic interior. The EasyGate pedestals were designed to be installed in a "step configuration" and the pedestal housing was customised to match the building's monochrome appearance. The pedestals were constructed out of black stainless steel and black Corian, while the ends of the pedestals were designed to match the flow of the building by appearing to blend in to the floor design.

Siemens Office Building

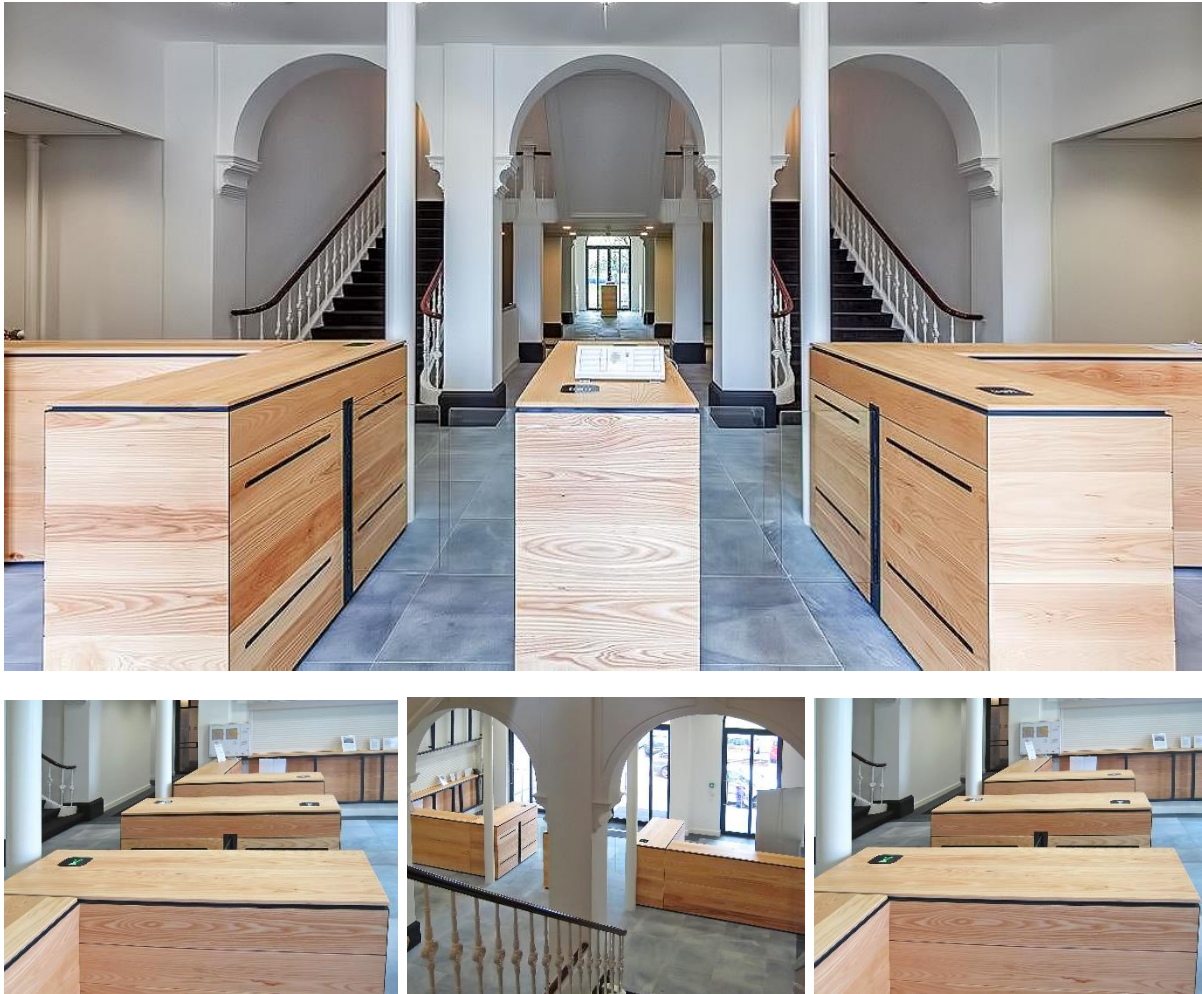


The Siemens corporate HQ was originally built in 1972 but underwent a recent refurbishment designed by JHK architects. Simultaneously, Siemens introduced the 'Siemens Office New Way of Working' concept. This working concept focuses on mobility, open-office landscape and flexi working.

The focus point in this fit-out was the creation of equality in working places for all employees. This was achieved by re-introducing the openness of the original building concept and a standardised technical core within open plan office floors. These floors can be subdivided in a flexible way where required but the design mainly employs an open plan space.

Firstly, the building required an entrance control solution that efficiently deterred unauthorised entry. The custom-designed speedgates were based on the EasyGate LX with waist-high barriers. To seamlessly blend with the overall building design, the pedestals were squared off and finished in white.

Courthouse



This courthouse wanted to add a perimeter line of security at its building entrance to stop unauthorised people from gaining access. With reception counters already in place at the entrance to channel the flow of visitors, the courthouse needed a security gate that would prevent visitors from wandering in.

Based on our EasyGate LX, the speedgate pedestals were finished in the same wood and detailing as the reception counters to create a seamless aesthetic. The glass barriers retract inside the pedestal after an authorised card is presented and close again after that person has walked through the lane.

Our Services

Centaman Entrance Control is here to help with every step of your project. Our dedicated team of turnstile design experts will work with you from specification right through to installation and project completion to ensure the results meet your needs.

In addition to our product customisation and installation service, we can:

- Provide you with data sheets, technical specifications and DWG files
- Mock up layout designs, AutoCAD footprints and AutoCAD visualisations
- Supply Revit files for each turnstile
- Deliver 3D renderings
- Produce CPD presentations
- Analyse traffic flow/throughput formulas
- Provide block models to help calculate the optimal number of lanes
- Create conduit and cabling drawings

Our stylish turnstiles help any reception area work seamlessly, while ensuring a high level of security to protect employees and assets.

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