



### World Trade Centre, Melbourne

#### Key Hardware:

- 2 Lanes Centurion EasyGate LX 1200 mm barrier
- 2 Lanes Centurion SwingGate 1200 mm barrier
- 2 Cyclops Tailgate Detection Sensors

#### The Site

An International Corporation in a Prestigious Melbourne Landmark Building

#### The Challenge

After conducting a security audit the company identified too many tailgaters where entering the building. Tailgating is the act of following an authorised user through a door once it's been opened by the authorised users token. Good manners where winning out over security as people where holding doors open for other people without checking their security pass. Whilst most of these tailgaters where staff there was a heightened risk of unauthorised intruders willingly being let in to a secure . area and the access control system is beaten.

#### The Solution

A plan was drawn up to control tailgating the key entry points to the offices, limiting access to only authorised occupants and validated visitors. As such 2 lanes of EasyGate SG and a single lane of SwingGate where installed and integrated with the existing access control system at the main reception and a Centurion SwingGate was installed at a secondary entry point. The SwingGates had Cyclops tailgate detection sensors added to them to check for people trying to tailgate behind authorised users.

Centurion EasyGate LX uses glass barriers of up to 1.8m in height, in conjunction with state-of-the-art optical technology to provide a high throughput security gate. 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. 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.

The SwingGates are made up of 2 leaves providing an opening of up to 1300mm. One leaf provides wheelchair access to the areas whilst both leaves can be used simultaneously to enable a 'cherry picker' to gain access to the building for routine maintenance.

In addition Cyclops sensors were added to the SwingGate to detect if any tailgaters try to gain access via the wider lane. Cyclops is a people detection 'eye' which works by detecting people's thermal image. Cyclops is mounted in a downward looking manner, with an unhindered view of the target area. Cyclops then detects people by their body heat, tracking and counting multiple people and their direction or travel even when side by side or crossing over.

"The Centurion EasyGate entry barriers are an important part of the security regime installed in this office building to prevent unauthorised entry without imposing on the design of the main reception but at the same time maintaining an easy user friendly card system which is very important in this kind of building"



#### About CENTAMAN

CENTAMAN Systems Pty is the exclusive distributor for some of the world's most prestigious entrance control brands that are used to protect leading corporations, governments, leisure and education facilities as well as retailers around the globe. The products highlighted here are just some of the options available that make up the CENTAMAN portfolio of entrance control solutions.

With over 14 years experience successfully delivering entrance control solution and over 40 staff and operates 5 offices throughout Australia and New Zealand CENTAMAN is the ideal choice of partner for all your entrance control requirements. CENTAMAN offers supply only to full turnkey installation projects and has a variety of flexible support and maintenance options to ensure the ongoing reliable operation of your entrance control solution all backed by a Sydney based 24/7 support telephone support helpline.

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