



CASE STUDY

Project
Building Security

Client
Jonson Controls

Location
Melbourne VIC

Date completed
Ongoing

Equipment Supplied
150+ units as of 9/16



Green Field Building Security and Entry Gate Intercom System PEQ Post Entry Quarantine Facility



Melbourne, VIC



Australian Government
Department of Agriculture
and Water Resources

The Site

Bio-security is about keeping Australia safe from exotic pests and diseases that could threaten our human, plant and animal health and our way of life. We work with industry, other government agencies and the community to reduce the risk of unwanted pests and diseases arriving or establishing in Australia. Our four government-operated post entry quarantine facilities manage high risk animal and plant imports. A new quarantine facility is being built to consolidate all post entry quarantine operations to better meet Australia's future post entry quarantine needs.

The Requirements

Johnson Controls were contracted to provide the electronic security, consisting of STENTOFON, Lenel and Milestone. Along with perimeter security, there are a number of inner buildings for different animals and plants, and vehicle traffic within the site is strictly controlled. A large number of dual height bollards required intercoms—capable of withstanding adverse weather and cancelling vehicle noise - and the Lenel and Milestone systems required integration with STENTOFON.

The Solution

An AlphaCom XE1 was supplied at the beginning of the project, along with IP Desk/Wall Master Stations for the Control Room, and a small number of Turbine TCIS-3 stations to enable the Security Room to begin operations, and for Johnson Controls to commission up the Lenel and Milestone systems. As further buildings were commissioned, further Desk/Wall Master Stations were supplied to receptions, TCIS-3 stations for Building and Bollard intercoms, IP Clean Room Master Stations for biohazard zones and TKIS-2 units for PA Interfaces were introduced to the system, and commissioned to suit.

The Outcome

A great working partnership between STENTOFON and Johnson Controls allowed for smooth delivery of the project in a staged and modular method. Turbine units in the field allow for the highest voice quality with noise cancelling defeating the vehicle noise. IP Clean Room intercoms are anti-bacterial and the Chemical resistant front surfaces allow for easy cleaning of biohazard areas, and site-wide paging is provided with interfaces to the Fire and Evacuation system using the TKIS-2.

“It’s important for all people in the industry to continue to take bio-security seriously ... the new PEQ station should streamline the process and make importation more efficient.”

