South Australian Health & Medical Research Institute

Adelaide, South Australia

CASE STUDY

Project
Security and Clean room Intercom System

Client

Location
Adelaide, South Australia

Equipment Supplied
1 x AlphaCom XE1 Exchange package licensed for 10 Subscribers
3 x IP Video Master Station with Handset
2 x IP Flush Master Station
4 x IP Vandal Resistant Substation with Axis Camera
1 x Turbine TCIS-3 Substation
1 x Interface to Continuum
9 x Pro700 Clean Room Intercom
9 x Pro700 Wall Master Station

Status
Complete December 2013

The Site
Contractor: NILSEN
Builder: Hindmarsh Construction
Consultant: Aurecon

Architects: Woods Bagot
Date Started: February 2010
Date completed: 2014

The South Australian Health and Medical Research Institute (SAHMRI) is building a diamond-shaped 25,000 m2 facility designed to foster researchers' creativity and productivity. Together with Schneider Electric Life Sciences solution experts and STENTOFON, SAHMRI aims to maximise operational efficiencies and energy conservation, ensure a reliable and secure environment, reduce risks and achieve regulatory compliance and green building certification.

The Scope
Schneider Electric contacted STENTOFON to provide the voice and video intercom solutions to the base building security system, and voice intercom for the Clean Rooms within the medical facilities.

STENTOFON Australia's own Video Substation with Axis camera was chosen for the Vehicle and Building Entrances, due to the solid construction, excellent audio quality, and the ability to stream vision to both the STENTOFON Video Master Station and to the Video Management System for archival. Master Stations receive video in a low res format suited to the 3.5" TFTP screen, while the VMS receives the full resolution of the camera. Turbine TCIS-3 substations are used around the site in areas where only audio intercom is required. An AlphaCom XE1 server provides the connectivity and integration hub for the interface between STENTOFON and Schneider Continuum, allowing alarms and events from within the AlphaCom system to be displayed to the operators.

For the standalone Intercom system in the Medical Facility, Pro700 was the chosen solution, using the AA706 Clean Room Intercom in each of the sensitive areas, and the AA702 Wall Mount Master Station in the corridors supporting each area. Operators within each Clean Room can call their co-workers outside the glass, in other Clean Rooms, or make a PA announcement to locate staff or call for assistance. The simple nature of the Pro700 system made it easy for Schneider to install, and the operators have easy 2 digit calling between locations.

The Outcome
STENTOFON were able to provide Schneider with a range of options to suit SAHMRI's needs. Schneider chose AlphaCom XE IP Intercom solutions for the Building Intercom, and Pro700 for the Medical Facility. The outcome provides a world's best intercom system to both security and medical staff that stayed within budget, and was easy to install and maintain.

**If you have a site with complex communication needs
call STENTOFON for a range of different solutions.**