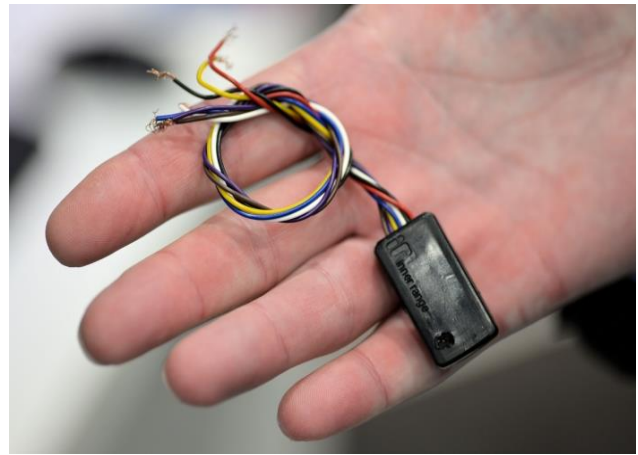


INTEGRATED SYSTEM UPGRADE WORKS



CLIENT	MONASH UNIVERSITY
LOCATION	VIC
COMPLETION	2017



Overview

AMSEC Australia Pty Ltd designed to the extent specified, supplied, installed and provisioning for a future upgrade in partnership with the Monash University and Lucid Consulting.

AMSEC's project delivery team supplied preliminary design, installation and commissioned recommendations a high security management system upgrade and mix of technologies.

The proposed solution included the Concept Infiniti software and Integriti hardware platform, it provided for seamless Integration of Intruder Alarm and Access Control. As an intruder system, it sets a new benchmark. Thousands of areas, thousands of inputs and outputs, powerful macro-logic, TCP/IP connectivity and an array of flexible reporting options.

As an access system, it offers all the leading product functionality that you would expect in a state of the art enterprise level solution. Hundreds of thousands of users, multiple card formats, lift control, and module redundancy that will maintain full functionality, even in the event of complete server failure.

AMSEC design and delivery made available a reduction in equipment cost, lowering installation and maintenance costs, and provide for a simpler and more practical system management solution.

Taking into consideration the ARPANSA developed security guides to assist with implementation. The guides are available from radiation regulators in each jurisdiction. The Guides currently cover Category 1, 2 and 3 sources used in the following practices:

- blood irradiator
- panoramic industrial irradiator
- high dose rate brachytherapy
- research irradiator
- industrial radiography
- well logging
- fixed gauges
- moisture and density gauges

The Inner Range - Infiniti Class 5 platform is the first and currently only system with independent certification by the Australian Security Industry Association Limited (ASIAL).

Additional Project Scope includes the following:

Class 5 relates to the AS/NZS 2201.1:2007 standard. AS/NZS 2201.1 is the Australian and New Zealand standard for the design, installation, commissioning and maintenance of intruder alarm systems.

Class 5 is the highest risk profile classification defined within this standard and Class 5 sites are typically found in government, military, financial and other high-security environments.

To achieve this standard, a derivative model of the Inner Range Infiniti system was enhanced to provide AES 128-bit encryption across the entire system topography from the zone input through to the Controller, and applies to all LAN/WAN communications, alarm reporting paths and card to reader communications.

AMSEC Australia design criteria catered for the supply and installation of a number of these new technologies including;

- IT Network Devices
- Access Control Door Devices
 - Proximity Readers
 - Request to Exit Buttons
 - Reed switches
 - Passive Infrared Detectors
- Electronic Locking System
- Structured Cabling System
- Integrated Racking System
- Conduit/Flexible Conduit and Fixings and Labelling
- Engineering and Design, Design Documentation, Test Documentation, Maintenance Documentation, User Documentation
- Client Training and As-Installed Drawings

AMSEC Australia recommended for the provision of all necessary training and installation manuals detailing full system description, as installed drawings, final equipment layouts and locations, all other drawings associated to the installation and all completed inspection test reports.

In addition to the above, AMSEC Australia provided and document a Change Management techniques in relation to new works to minimise client interruption.