Saab delivered electronic security services for a new, high-security, male-only corrections facility to contain 300 detainees near Gatton, Queensland approximately 90km west of Brisbane. The centre accommodates aged and frail prisoners in a residential section and has a medical centre for infirm prisoners.

**SCOPE OF WORK**
Under subcontract to the builder, Baulderstone, Saab’s scope was to design, develop, install and commission the electronic security solution built on Saab’s OneView™ security management system platform and integrate a range of security subsystems. The project comprised 22 subsystems interfaced to the OneView™ security management system and included more than 500 intercoms, 440 cameras, 260 controlled doors, 370 mobile duress locator beacons, 400 intruder alarm monitoring points, over 80 static duress alarm points and 1.4 kilometres of perimeter fencing.

### Integrated Subsystems
- Mobile & Fixed Duress
- 2 Way Radio
- Biometric Identification
- Electronic Key Safes
- Intruder Detection
- Intercom / Public Address / Digital Audio Recording
- Remote Terminal (QCS Incident management Centre)
- IP Surveillance Cameras
- Mobile Phone Detection
- Number Plate Recognition
- Video Motion Detection
- Electronic Door Control
- Perimeter Detection Systems
- Lightning Prediction System
- UPS Monitoring
- Lighting Control Interface Module
- Building Management System Interface Module
- Prisoner Property System Interface Module
- Fire Detection System Interface Module
- WAN Paging System
- Secure Entrances

### Stand Alone Systems
- Heartbeat Detection
- Contraband Detection
- Rotating Metal Detector
- Body Scanner
PROJECT MANAGEMENT
Saab developed the security management system, procured all subsystems and tested all 22 subsystems within 12 months, passing factory acceptance testing on the first attempt. Delivered to schedule and within budget. Saab’s excellent communication and coordination skills ensured site works could progress uninterrupted in parallel. In January 2011, the catastrophic ‘Queensland Floods’ had an enormous impact on the project when site access was blocked for approximately two weeks.

Saab managed more than twenty of its own subcontractors/suppliers, throughout installation and all subsystem component commissioning as an incremental process, building-by-building followed by the perimeter security systems. This was a rigorous testing process involving onsite technical consultants and client representatives assessing the systems against stringent government standards over a 28 day validation test and 5 day fault free period.

The final outcome was a product that exceeded all expectations, delivered on time, and within budget. Without the willingness and cooperation, engineering capability, programme management and quality assurance systems of Saab Security this would not have been possible.

[Steven Barnes, Senior Services Manager, Baulderstone]

FEATURES AND BENEFITS
- A fool-proof, robust security system that provides future growth and expansion of any subsystem.
- Easy to learn and simple to use under stressful situations.
- A complete security platform able to integrate any sub-system, offers the ultimate flexibility and choice.
- Integrated video including replay video on the main operator screen to improve operator focus.
- Customised business rules to support the unique business processes
- A training system that shares the same common look, feel and operation as the real system which doesn’t need ancillary hardware or sub-systems.
- Improved forensic search abilities with linked alarms, operator actions and CCTV recorded video.

More Information
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