

# Case Study

Explore our case studies to see how we've delivered innovative, secure, and reliable solutions across diverse projects worldwide, helping clients overcome complex challenges and achieve lasting success.

## Client

### 3-5 National Circuit Project in Canberra



#### Client Challenge

The 3-5 National Circuit project in Canberra required a flexible and reliable security management system capable of adapting to the evolving demands of a busy construction site. Key challenges included:

- Controlling site access effectively and monitoring subcontractor productivity
- Ensuring robust and centralized security while accommodating the need for modular, reconfigurable components that could be easily expanded, relocated, or decommissioned
- Providing real-time safety and auditing reports to meet specific client requirements
- Managing a mix of wired and wireless security control modules for optimized connectivity, especially in areas where cable installation was impractical



#### Integrated Solution

ECS International deployed a tailored Site Access and Security Management System to meet the complex requirements of the National Circuit project. The solution included:

- Installation of a modular, future-proof LAN-based Security Management System, designed for flexible reconfiguration, scalability, and redeployment across locations as needed
- Integrated access control modules, both wired and wireless, to provide seamless control and monitoring across the site, with functionality to maintain operations independently if network connectivity was temporarily lost
- Computer-based programming and interrogation tools that enabled personnel to easily update the system as new subcontractors and employees joined the project
- Deployment of site security personnel, including Security/Traffic Control and First Aid Officers, to manage onsite safety, access, and emergency response



#### Business Value Delivered

ECS International's solution provided the 3-5 National Circuit project with several key benefits:

- Enhanced security and operational efficiency through a flexible, modular system that reduced long-term costs by allowing for reconfiguration, expansion, and redeployment as project demands evolved
- Streamlined access control and productivity monitoring, improving site management while meeting strict auditing and reporting standards
- Improved safety and emergency readiness with onsite security personnel trained in traffic control and first aid
- Proven performance and adaptability, as demonstrated through ECS's successful implementation of similar systems on high-profile projects for Bovis Lend Lease, Hindmarsh Group, and other leading construction firms

# Photos



With a system which is Tried, Tested and Proven on many and varied sites, ECS International was well equipped to provide Security Management Services on the 3-5 National Circuit project in the nation's capital.

The ECS® Site Access and Security Management System was installed to control access to site and to provide reports detailing sub-contractor productivity. In addition, site security personnel were provided, including Security/Traffic Control and First Aid Officers.

The ECS® Security Management System is based on future-proof modular LAN technology where each component can be added on as required giving the system significant cost benefits with the flexibility to be moved, re-arranged, expanded or even de-commissioned and re-installed at another location. The Modular system is designed for centralised processing of data but allows access control modules to continue to operate if connectivity is lost. Wireless equipment is available for applications where cable runs must be minimised.

The National Circuit project involved both wired and wireless security control modules configured for access control purposes together with a computer based programming and interrogation system to provide trained but otherwise non-skilled personnel the ability to both update the system as new sub-contractors/employees are engaged and produce detailed reports for safety and auditing purposes. ECS® customised the system reports to suit the Bovis Lend Lease specifications and individual site requirements.

The system has been proven on a number of sites including Bovis Lend Lease Top Ryde Shopping Centre (NSW), Bovis Lend Lease Rouse Hill (NSW), Bovis Lend Lease Jacksons Landing (NSW), Bovis Lend Lease

AHM Wollongong, Hindmarsh Group Vantage (ACT), Hindmarsh Group Australian National University – Wes Whitton (ACT) and Hindmarsh Group Australian National University – Colleges of Science (ACT).

From their offices in Sydney, Canberra and Suva, ECS® International provides efficient and professional services in all aspects of Security and Investigations. They offer a comprehensive range of services including Security, Occupational First Aid, Traffic Control and Concierge personnel; Dog Handlers; Armoured & Armed Cash-in-Transit; CCTV; Access Control; Building Automation; 24 Hour Monitoring; Site Telephone and Nurse Call Systems; Risk Management and Consulting; Drugs and Explosives Screening at the workplace.

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