



**BAE Systems Australia**  
Protecting National Interests

**FOR MORE INFORMATION CONTACT**

BAE Systems Australia  
3 Second Avenue, Technology Park  
Mawson Lakes SA 5095  
AUSTRALIA  
Tel: +61 8 8300 4400  
Fax: +61 8 8349 5989  
[www.baesystems.com/australia](http://www.baesystems.com/australia)

**BAE SYSTEMS AUSTRALIA**

Enabling the Security and Safety of our Nation

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**BAE SYSTEMS**

# A results focused Australian company

BAE Systems Australia is a leading provider of integrated security solutions for Defence and security customers. Drawing upon our global experience to deliver strong project management, analysis, engineering, systems integration and support capabilities, BAE Systems Australia is able to create and deliver tailored solutions to unique and exacting requirements.

## Security to Counter Evolving Threats

With extensive experience in the provision of advanced detection systems and sensor networks, surveillance systems, intelligence analysis services and spatial information management, BAE Systems Australia is able to deliver solutions to meet a wide range of national security applications, including:

- Intelligence data collection, processing and analysis
- Information systems and ICT solutions for law enforcement and border protection
- Critical infrastructure protection and transport security technologies

BAE Systems Australia has a demonstrated record in the delivery of quality technology-based solutions. In particular, we recognise the importance of collaborating with customers to develop appropriate, cost-effective solutions to meet their specific requirements

## Solutions for Geospatial Information Management

BAE Systems Australia has extensive capabilities in spatial information management and GIS applications, enabling more efficient handling of large amounts of data. Solutions include the development and continued operational support of the world-leading integrated hydrographic management system for the Australian Hydrographic Office, spatial information management for the Defence Support Group, and development of the Australian Maritime Identification System (AMIS), which provides the Border Protection Command with total maritime domain awareness. Our GIS capabilities and associated geospatial products have also been applied to a broad range of geospatial and imagery requirements including real time decision-making systems and geospatial intelligence systems.



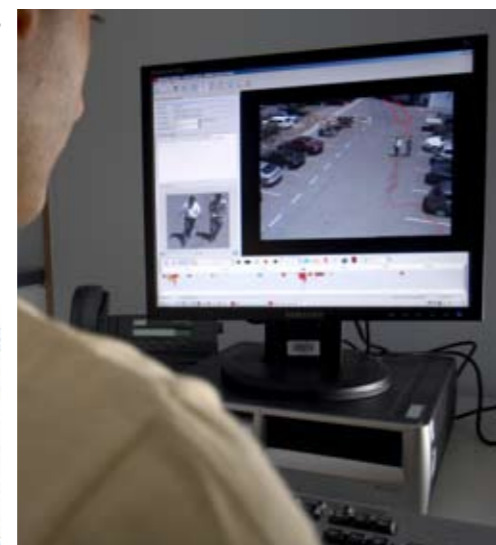
## Intelligence Services and Technologies

BAE Systems Australia is experienced in the design, development, integration, production and support of a range of sensors, detectors, surveillance and monitoring systems, including Closed Circuit TV (CCTV), radar, infrared and multi-spectral systems. We have core expertise in data processing, fusion and mining to produce actionable intelligence, including the automated detection and tracking of events or objects of interest. The VideoSeer® system optimises the productivity of surveillance and security personnel in analysing video recordings, with a unique combination of automatic detection and behaviour matching tools, providing:

- automatic detection of activity of potential interest
- rapid classification of identified activities using pattern matching tools
- effective remote operation.

BAE Systems Australia offers the Universal Video Management System (UVMS), a leading Network Video Recorder solution for management and recording of large volumes of video and up to 5,000 cameras. UVMS is a fully scalable system that integrates within new or existing CCTV infrastructure, with a robust distributed architecture and multi server design.

BAE Systems Australia is a core participant in the Australian Centre for Visual Technologies, with a focus on large scale video surveillance and tracking of targets of interest through a network of cameras.



## Trusted Information Security and Assurance

As a total solutions provider, BAE Systems Australia delivers information security services and solutions spanning the entire lifecycle from business requirements definition and security policy development through to architecture design, development, commissioning and support. Our information security experience has been gained through years of working with commercial, Government and Defence organisations to provide complex and business critical solutions. Selectively and securely disseminating information to stakeholders across domains and agencies is critical for National Security success, and BAE Systems Australia is a recognised leader in this regard. Our credentials include evaluation of high assurance products to EAL7 under the International Common Criteria Standard and the delivery of integrated solutions for Australian and international customers. Key technology areas include:

- Security information management systems
- Multi-level information security products
- Cross domain gateways
- Intrusion detection and prevention systems
- Wireless security
- Cryptographic communication systems
- Secure messaging systems



## Tailored Critical Infrastructure Protection

BAE Systems Australia offers fully integrated security solutions designed to deliver the optimum combination of safety, performance, reliability and support through the life of the capability, in particular for large scale and dispersed infrastructure. Our integrated security solutions to protect critical infrastructure are specifically designed for each installation and are underpinned by thorough engineering analysis to match customer requirements with the most appropriate products and technologies available.

BAE Systems Australia offers proven, open architecture solutions that provide the flexibility to integrate with our customers' existing infrastructure while providing the most modern and high-grade security solutions. BAE Systems Australia understands and addresses the safety considerations associated with critical infrastructure environments as well as the superior performance and high and assured operational availability needed to protect such assets and appropriately manage risk.



## We provide solutions to address all requirements in a unique and evolving society...

National security has unique and evolving requirements within our contemporary society, demanding flexible and innovative solutions. BAE Systems Australia stands ready to work collaboratively with all of its customers to understand and address prioritised threats and vulnerabilities and to arrive at the best outcome for all.



### Critical Infrastructure Protection

- Intelligent surveillance systems
- CCTV and intrusion detection
- Access control systems
- Simulation and modelling

### Law Enforcement

- Advanced surveillance and video analysis
- Data mining, fusion and retrieval
- Imagery and information analysis and management
- Evidentiary systems



### Intelligence

- Surveillance and video analysis
- Data mining, fusion and retrieval
- Imagery and information analysis and management
- National Agency support.



### Information Security & Assurance

- Network and information security
- Communications security
- Threat and risk assessment
- Intrusion detection and prevention

### Transport Security

- Surveillance systems
- Integrated information and display systems
- Secure wireless network solutions
- Simulation and modelling



### Border Protection

- Identity security & biometrics
- Surveillance and video analysis
- Data collation, fusion and dissemination
- Network and information security



### Emergency & Disaster Management

- Data mining, fusion and retrieval
- GIS integration
- Simulation and modelling
- Communication networks