



PROVIDERS OF LIFE-CRITICAL ELECTRONIC SECURITY SOLUTIONS

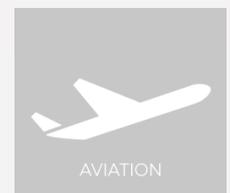
About

Western Advance is a wholly Australian owned turnkey electronic security solution provider to Australian industry. Its diversity allows innovative solutions, built from the ground up, harnessing and integrating cutting edge technologies.

Its reputation is built on the ability to design, engineer, commission and install purpose built solutions, engaging leading edge technology to ensure innovation is always at the forefront. Combined with comprehensive support and maintenance services, this ethos delivers ongoing value, meeting client needs today and into the future.

Established in Western Australia in 1992, Western Advance quickly established a foothold in the oil and gas, and defence industries supplying life critical monitoring and surveillance solutions to ensure the safety of personnel and infrastructure in the most hazardous environments.

Today, Western Advance partner with recognised industry leaders to provide leading edge electronic security technologies to a broad range of applications including airports; critical infrastructure such as sporting grounds, parks and arenas; power supply hubs; transportation networks; hotels; casinos; and parking facilities.



Homeland security

Western Advance provides end to end integrated security and surveillance solutions for high traffic and crowded places where antisocial activity is commonly directed. This includes stadiums, sporting events, transit environments such as airports, train and bus stations.

Western Advance engineer, supply and project manage systems at Australia's busiest airports, critical infrastructure sites such as the Australian Tax Office and Australian Defence Force sites, as well as oil and gas facilities.

The leading edge technology offers monitoring solutions which span the breadth of community and infrastructure safety needs.

Key technologies

- Integrated Security Command and Control Systems
- CCTV Solutions - indoor, outdoor, hazardous areas
- Facial Recognition
- Artificial Intelligence Systems
- Access Control
- Perimeter Security Solutions
- Threat Detection Solutions
- Public Address and Communication Systems
- Intelligent Command and Control Rooms
- Licence Plate Recognition Systems

Its team of technical experts are available to offer 24/7 maintenance support for sophisticated surveillance and security solutions.

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CRITICAL CONTROL ROOM - WA POLICE

Western Advance | Critical Room Solutions

Project context

WA Police appointed electronic security experts, **Western Advance** to provide a complete turnkey solution to supply, install and commission the State Government Major Incident Control Centre (MICC) and State Operations Control Centre (SOCC) at Maylands, in partnership with Critical Room Solutions.

Ensuring effective integration with the Western Australian State CCTV Strategy, the control room provides technology to place Western Australia at the forefront of community safety.

Purpose

Major Incident Control Centre: activated when there is a major incident such as bushfire, major road incident or terrorist threat. The MICC will be used to manage the incident from one central location, offering a hub for the coordinated management of an incident, engaging DFES/ SES/ WA Police, or affected parties.

State Operations Control Centre: WA Police will man the SOCC 24/7 in order to monitor the state of affairs in Western Australia. The SOCC brings together disparate CCTV feeds from across the State, providing a broader picture of community safety. The leading-edge control systems employed at the SOCC and MICC will continue to improve community awareness and safety, integrating the State's CCTV strategy which has afforded support to local governments across the State, shopping centre surveillance, CCTV for critical infrastructure and transportation networks and hubs.

The solution

The solution includes the installation of two new large video walls, interfacing into multiple existing monitors and projectors as well as connecting to over 35 video sources. Each new wall has sixteen (16) 55inch monitors configured in a 4x4 pattern (32 new screens in total); one wall is used for the Major Incident Control Centre (MICC), the other is used for the State Operations Control Centre (SOCC).

The solution is designed to take video and audio feeds coming from various sources, including desktop PC outputs, CCTV streams, internet and free to air television and display the images over a total of 44 screens and projectors monitors and projectors. In addition any audio feed can be routed through the room's PA system.

How and what is displayed is completely flexible and configurable for each event type. Multiple feeds may be displayed across one or more monitors.

All 44 outputs can be managed independently of each other or linked together.

The system includes:

- 2 x Control room video wall (16 x 55" Screens)
- 12 x existing monitors and projectors
- 1 x Touchscreen control panel
- 1 x VuWall VuScape Video matrix controller
- 80 x HDMI/DVI video over fibre extenders
- 5 x Free to air set top boxes
- 1 x Audio processor, P.A. interface

