AVE
TECHNOLOGIES

2025

Premium Electrotechnology Solutions Provider

Taking on challenging projects is our passion, and we love providing experience and opportunities for our people to be the best in their field. We believe that quality, reliability and versatility of technology is paramount to our customer's ongoing success.

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AVE Technologies has been operating since 1995, providing premium integrated technology solutions to Industrial, Mining, Government and Commercial clients in the Newcastle, Hunter Valley, Mid North Coast and Central Coast regions.

Today, with offices based in Newcastle and Muswellbrook NSW, AVE Technologies has grown to be one of the largest multi-faceted electrotechnology solutions providers in NSW, allowing us to service clients on national and international projects.

We have a team of 70 employees with specialist skills in each service we offer who can work together to provide a complete integrated solution for any project. Our capacity to take on both small and large scale projects is enhanced by our company's permanent labour force, multiple office locations and 40 fleet vehicles.

Our team of experienced project managers, technicians, installation teams and administration staff have a proven record of completing projects of all sizes on time and on budget.
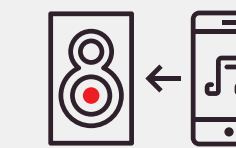
WHAT WE DO

PUBLIC ADDRESS SYSTEMS

AVE Technologies design, program and commission PA systems to suit your paging and audio requirements.
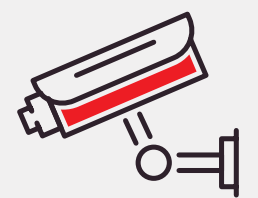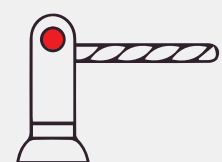
PA Systems

CCTV

AVE Technologies specialise in commercial CCTV installation and commercial security cameras, custom designing each system, including wireless security cameras and recorders.

AUDIO VISUAL SOLUTIONS

AVE Technologies design, program and commission audio visual systems to suit your business requirements.

Audiovisual

CCTV Cameras

SECURITY AND ACCESS CONTROL

AVE Technologies design and implement Electronic Access Control Systems (EACS) for your premises, including a complete range of card and biometric access control systems.

Boom gates

Access turnstyles

Automatic gates

4G control and notifiers

COMMUNICATIONS & INFRASTRUCTURE

AVE Technologies design, install, and maintain structured cabling systems that support the smooth operation of computer networks.
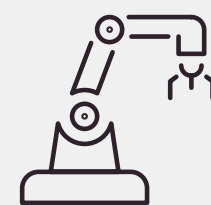
Fibre optic

Structured data cabling
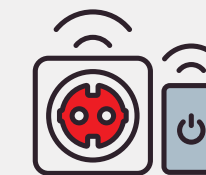
OPERATIONAL TECHNOLOGY

AVE Technologies OT specialists are experienced across a range of technologies, hardware and software that monitors and controls devices, processes and infrastructure, including Microsoft and Linux operating systems, physical and virtualised hosting environments, firewalling and cybersecurity, and various operational applications.
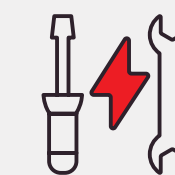
Data centres

Mobile equipment technology solutions

Machine guidance and GPS

Remote control systems, RF, LTE
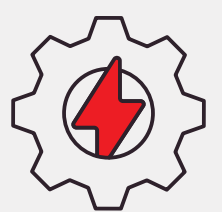
ELECTRICAL

AVE Technologies electrical team have comprehensive experience working on various industrial sites, including mining sites, manufacturing plants, construction sites and sensitive biochemical sites. Additionally, we have vast experience within the commercial and government sector working with clients in schools, defence, transport, local government, health care, aged care, commercial offices, and more.
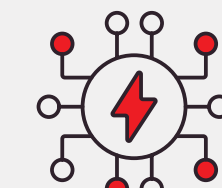
Electrical installation

Testing

Engineering

Process control

Automation

LOCAL SUPPORT, NATIONAL EXPERTISE

2500

Projects delivered in the 2025 financial year throughout Australia and New Zealand.

OUR CLIENTS

RECENT PROJECTS

MCI CARBON - DECARBONISATION PLANT KOORAGANG ISLAND

AVE Technologies is proud to be working with MCi Carbon on their latest decarbonisation plant at Kooragang Island.

Our team has been responsible for the installation of electrical, communications, security, and instrumentation cabling and equipment for the facility.

This project has required a significant effort, with 9-10 team members on site six days a week. The scope of work showcases the full breadth of the electrotechnology industry and AVE's capability to deliver multifaceted projects utilising our in house team.

Supporting MCi Carbon on their journey to scale their clean technology solution and helping tackle global carbon dioxide emissions, has been a great achievement for AVE.

The new plant will capture over 1,000 tonnes of CO_2 annually from Orica's ammonia facility and convert it into nearly 10,000 tonnes of valuable, low-carbon embodied materials.

BHP - HONEYSUCKLE OFFICE FITOUT

AVE were engaged on the project to supply and install all communications cabling, MATV, structured communications cabling, video distribution and control system, 8 x Cisco video conferencing rooms, site wide Access Control, site wide Wireless Access Network (WAP), technology consultation, Starlink access, lighting, power and feature lighting, network hardware and architecture design.

BHP

ORICA KI INDUSTRIAL TEAM

AVE Technologies has a team of 4 – 5 employees onsite at Orica Kooragang Island on a weekly basis.

Our services onsite cover all aspects of our core disciplines, including Access Control, Boom Gates, Slide Gates, Communications, Electrical, Process Control, Instrumentation, Lighting, Audio Visual, and more.

THANK YOU.

📞 02 4968 7999   ✉️ orders@avetechnologies.com.au   🌐 avetechnologies.com.au

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