



CAPABILITY STATEMENT

2024

Newcastle & Hunter Valley's Premium Electrotechnology Solutions Provider

WHO WE ARE

We love a challenge, we love providing the opportunity for people to be the best in their field and because we genuinely believe that quality, versatility and reliability of technology is paramount to our customers ongoing success in their business ventures

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

Today, Based in Newcastle NSW and extending to the Hunter Valley 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 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 large scale projects is enhanced by our company's structured labour force, consisting of 98% permanent staff and in excess of 45 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 with the versatility typically reserved for small business operations.

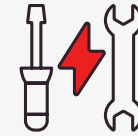
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WHAT WE DO



ELECTRICAL

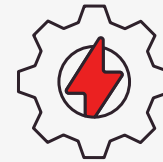
Our electrical team have comprehensive experience working in various commercial sectors, including hospitality, retail, transport, commercial offices, warehousing, hotels, schools and government facilities as well as industrial sites like; mining sites, factories, manufacturing plants, construction sites and sensitive and biochemical sites.



Electrical installation



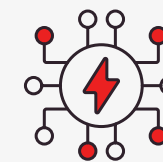
Testing



Engineering



Process control



Automation

PUBLIC ADDRESS SYSTEMS

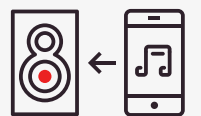
PA Systems to suit your particular paging and audio requirements across Newcastle, Hunter Valley, Central Coast, Mid North Coast and greater regional NSW.



PA Systems

AUDIO VISUAL SOLUTIONS

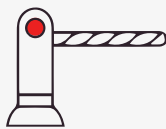
Giving you peace of mind by only recommending and supplying the highest quality audiovisual and communication products.



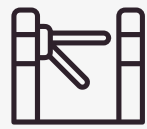
Audiovisual

SECURITY AND ACCESS CONTROL

Access Control Newcastle, AVE Technologies can 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 turnstiles



Automatic gates



4G control and notifiers

COMMUNICATIONS AND INFRASTRUCTURE

Designing, installing, and maintaining structured cabling systems that support the smooth operation of computer networks.



Fibre optic



Structured data cabling

OPERATIONAL TECHNOLOGY

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

CCTV

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



CCTV Cameras

LOCAL SUPPORT, NATIONAL EXPERTISE

2502

jobs delivered in FY 22/23
throughout Australia and
New Zealand

With the advances in technology and the integration of all media types, there was a demand and a need to expand into the audiovisual, security and CCTV, telephone systems, and MATV market.

AVE Technologies Pty Ltd, of which Chris Elkin headed up as the sole director. After operating for over 20 years, the company now operates as a 3 way partnership with both Luke and Mitchell and equal share holders in the business.

AVE Technologies has continued to grow into many new fields of expertise from this humble base, including Electrical Engineering and drafting, process control and automation, IP networking and wireless data.

AVE Technologies' head office is based in Mayfield East, Newcastle and also has an office in Muswellbrook in the Hunter Valley. Our Muswellbrook office services the mining industry, government, commercial clients & schools in the Upper Hunter region.

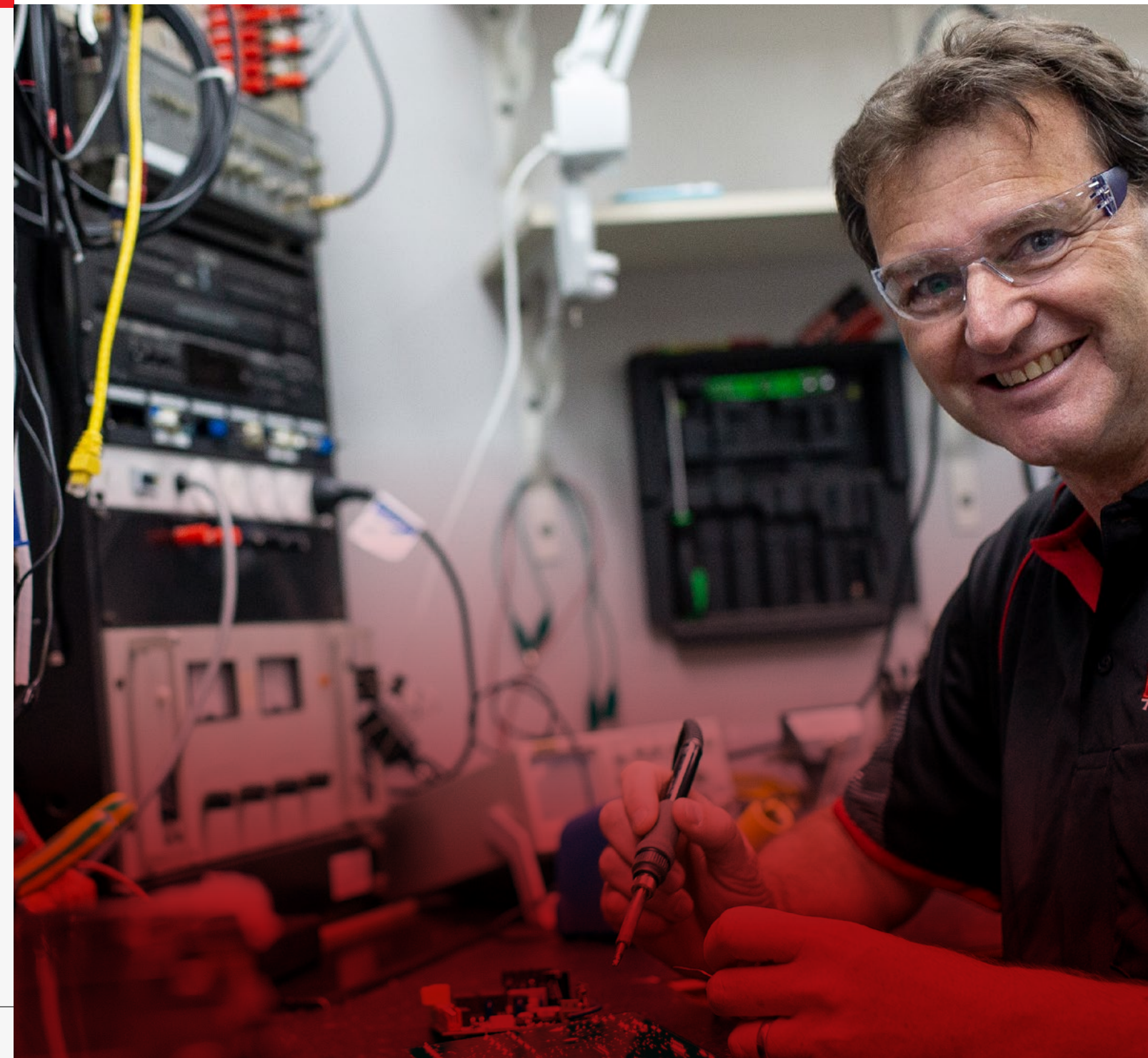
AVE Technologies has kept up with technological advances by implementing training programs that keep our employees abreast of industry changes and advances as they occur. Our commitment to training and development is reflected by the consistent quality of workmanship & products that we supply.

In addition to our cabling in the commercial and industrial sectors, we also provide services under the NSW State Government 2020 ICT Approved Supplier Contract. AVE currently provides communications cabling services to all NSW Government departments, including:

- NSW Department of Education
- Department of Defence
- Construction Industry
- Commercial settings and fit out
- Leisure parks and golf simulators
- Mining
- Power Generation
- Aged Care
- Industrial and Ports
- Local Council infrastructure
- Building strata's

We are fully insured, including workers' compensation and public liability and are WH&S compliant.

OUR CLIENTS



RECENT PROJECTS



CENTRAL NSW COPPER MINE ADSS FIBRE INSTALLATION

The scope of the work was to provide reliable comms from the Copper mine's current core network cabinet onsite to a new vent fan shaft located at the end of a 66KV direct-fed fan.

Along the route, we broke the fibre out at two locations where the site had full access to patch throughout or use any of the 24 cores in any direction from that point.

We leveraged product research provided by PLP (Preformed Line Products or PLP is the company that makes the supporting hardware) to ensure the rollout of the ADSS fibre to the overhead power lines was aligned with the most up-to-date best practice and completed ahead of schedule and under budget for the customer.



BHP

BHP Newcastle Office fit out

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. Project total construction value \$2.5M, AVE project total \$650,000

\$3M average continuous yearly projects with BHP

BHP



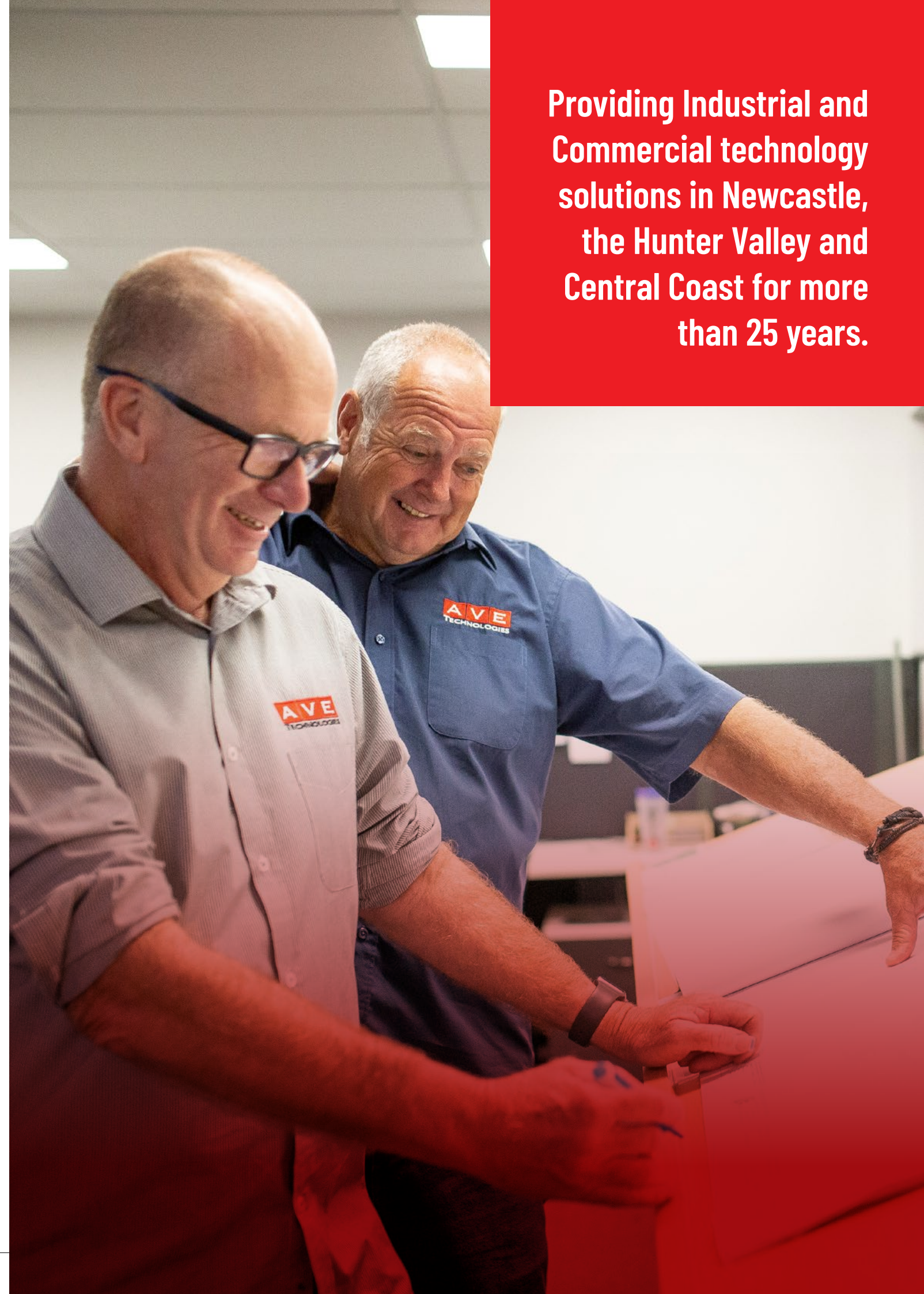
ORICA KI INDUSTRIAL TEAM

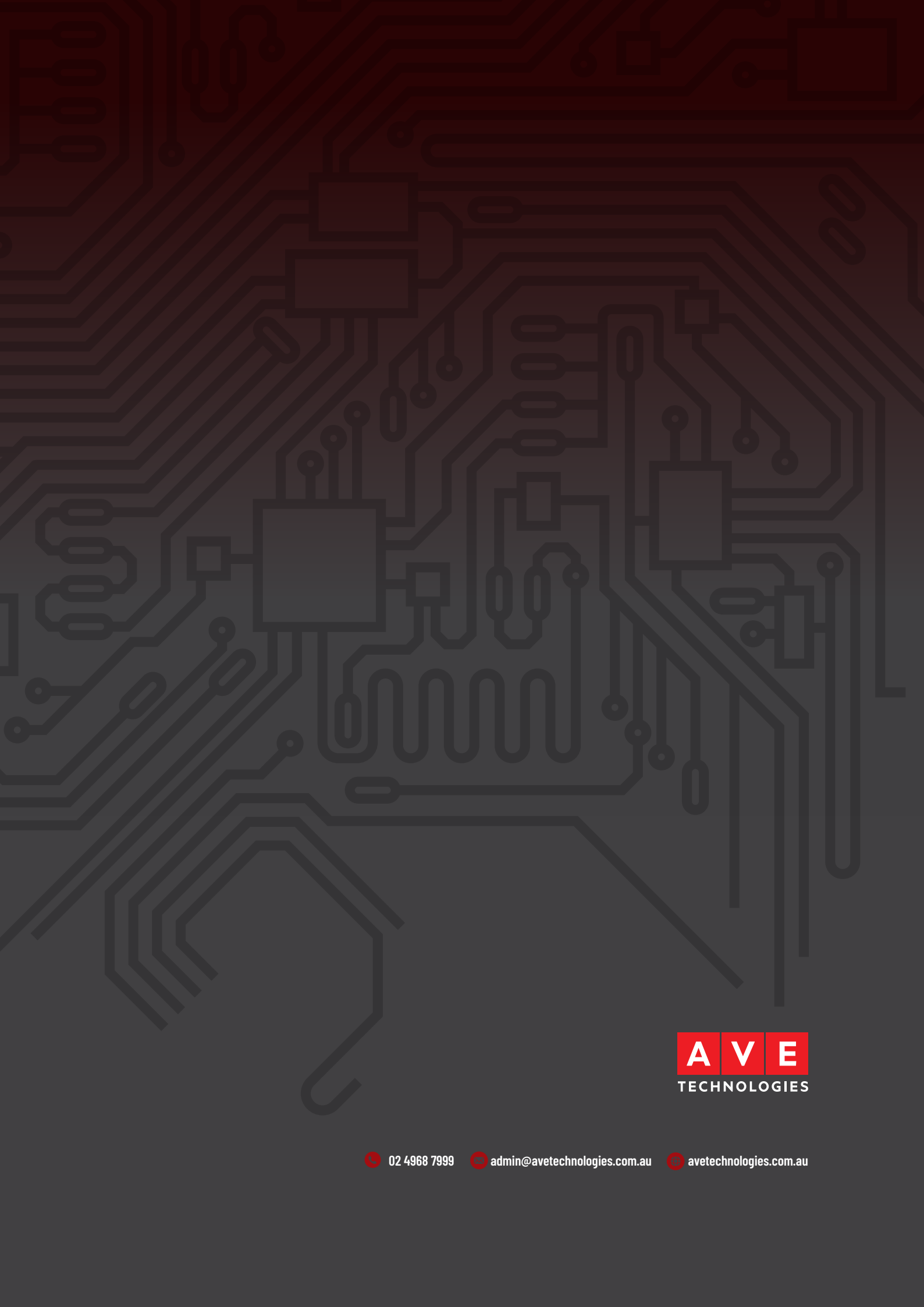
AVE Technologies have a team of 4 – 5 employees onsite at Orica Kooragang island on a weekly basis.

Our services onsite cover all aspects of our core disciplines from site access, boom gates, slide gates, communications, electrical, process control, to instrumentation, lighting, AV and more.



Providing Industrial and Commercial technology solutions in Newcastle, the Hunter Valley and Central Coast for more than 25 years.





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