



DEFENCE

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OUR BUSINESS

Since 1955, B&R has built a reputation for excellence in the design and manufacture of enclosures. Everything we have learned in that time, we've poured into our products and relationships.

B&R Enclosures was founded by Dick Bridges in 1955, specialising in sheet metal fabrication, including electrical enclosures for domestic metering applications.

With little capital but great enthusiasm for operating his own business and a determination to succeed, Dick commenced operations in his backyard in Adelaide, South Australia.

It was this family determination that has sustained B&R's growth into manufacturing plants in Brisbane, Adelaide and Sydney, 8 locations nationally and an international network of distributors.

As a 100% Australian, family-owned business, B&R champions the virtues of quality, service and value. Combined with our unrivalled industry and application knowledge, we are in a unique position to meet the needs of our clients.

B&R Enclosures encompasses four divisions: Industrial, Data ICT, Hazardous Areas and Residential Commercial. Each division focuses on the unique needs of different market segments. Together, these divisions share the strengths, resources and experience of the founding company to provide attentive customer service, innovative design and superior quality products.

Some of the largest companies around the world use B&R as a major supplier. These include BHP Billiton, Rio Tinto and the Australian Government to name a few.

B&R Enclosures can offer extensive supply chain capabilities featuring supply from stock (ex our national warehouse network), supply of assembled to order solutions with short lead times, value adding services and cooperation with other suppliers to allow for integration of third party products into enclosures, racks or cabinets prior to shipment.



OUR VISION

“ To be a world leader in providing **enclosure solutions, electrical equipment** and **technology packaging** to the defence industry. ”

OUR CORE VALUES

Building Trust

We ensure that our employees are trusted by our customers as a partner who listens to their needs in order to meet their expectations in a reliable and consistent manner.



Participation

Collaboration plays an important role in generating creative thinking and problem solving.



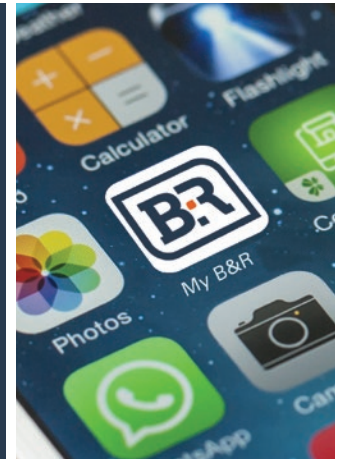
Quality

We ensure we adhere consistently to standards that satisfy customer and user requirements, whilst producing and providing products and services of the highest quality.



Enthusiastic

Empowered to see new opportunities to innovate and improve the B&R experience in today's digital landscape.



Ethical

An honorable approach underpins the core values and decision making made across all areas of the B&R business.



OUR LOCATIONS

B&R's manufacturing capability is constantly changing and we are proud to be at the forefront of manufacturing technology to enable us to compete with the world's best.

Brisbane

- Factory area 18000m²
- Testing facilities, electrical integration, design & engineering, advanced manufacturing

Sydney

- Factory area 1800m²
- Electrical integration, modification centre
- IECEx certified facility

Adelaide

- Factory area 7500m²
- Lean, high output advanced manufacturing facility

With a total investment of over \$30M, our purpose built ISO 9001 certified manufacturing facilities have:

- One (1) automated stud welder, laser punching centre, laser cutter, CNC enclosure modification centre, gasket machine, laser welding cell.
- Two (2) cut to length machines, powercoat lines, regraining machines and automated deburring machines.
- Three (3) automated sheet metal panel benders and electrical equipment integration centres.
- Five (5) automated sheetmetal punching and shearing centres.
- Seven (7) press brakes.
- Ten (10) fabrication cells.
- Thirteen (13) assembly lines.

B&R Enclosures not only manufacture and supply a range of products, but we can create build to print solutions, ready for installation including:

- Electrical technology integration
- Advanced manufacturing
- Electrical integration
- Design & engineering
- Testing & validation
- Supply chain management
- Project management
- Documentation & quality management
- Warehouse & distribution

B&R's research and development team ensure we remain leaders in supplying fit-for-purpose enclosures by utilising:

- Environmental testing facility for ongoing research into climate control of enclosures including cooling solutions for protection of equipment exposed to high ambient temperatures and solar radiation.
- Rigorous in-house testing of enclosure products including temperature rise, impact, IP, type testing, static load, seismic, wind load, salt spray, line inspection and more.
- NATA Certification of all enclosure products to various protection levels including IP66 and IP67.
- IECEx Certification in-house and external testing for hazardous area electrical equipment.
- Enhanced durability of enclosures by the addition of a powdercoat finish involving a multi-stage pre-treatment, epoxy based primer and final powdercoat application.

PRODUCT SOLUTIONS

B&R prides itself on continually searching for the best and most innovative solutions across multiple industries, designing and supplying standard or custom products and engineered solutions into a vast array of applications.







DESIGN.



MANUFACTURE.

OUR CAPABILITIES



BUILD TO PRINT

We work with customers to build products and integrate equipment to their exact specifications and designs. With our team of engineers and industrial designers working closely with our customers, our dedicated production and electrical teams are here to deliver your exact product requirements up to FAT (Factory Acceptance Testing).



ELECTRICAL TECHNOLOGY INTEGRATION

We work with Primes, SMEs, asset owners, specifiers, end users, engineers, project managers and installers to package and deliver fully configured systems and solutions by offering the fitment of additional equipment to fully customised, engineered and off-the-shelf designs. Our value added solutions are fit for purpose and ready to install.



ADVANCED MANUFACTURING

B&R commenced their journey to Industry 4.0, with significant factory digitisation, punching and bending machines. Working with industry leaders and government authorities to create advanced manufacturing environment.



ELECTRICAL INTEGRATION

Offering complete electrical integration services via our team of qualified electricians and electrical engineers allows us to build complete component sub-systems and systems that deliver total system functionality prior to final installation.



INTEGRATE.



DELIVER.



DESIGN & ENGINEERING

B&R's team of designers work with clients on unique engineering challenges to provide innovative, efficient solutions delivered with short-lead times and to complex project specifications.



TESTING & VALIDATION

In-house testing including temperature rise, impact, IP, type testing, static load, seismic, wind load, salt spray, line inspection and more.



SUPPLY CHAIN MANAGEMENT

We manage the complete flow of goods and services, including free issued equipment from point of origin to final execution and site delivery. It involves the active streamlining of our customers supply-side activities to maximize value and giving our customers a competitive advantage.



PROJECT MANAGEMENT

We work closely with customers to define project scopes, objectives and implement mutual action plans to meet their needs. With regular communication and reporting practices we ensure complete project specifications are delivered in a timely and transparent manner.



DOCUMENTATION & QUALITY MANAGEMENT

Full configuration management of build-state and detailed documentation experience with ISO 9001 accreditation.



WAREHOUSE & DISTRIBUTION

Multiple Australian manufacturing and distribution facilities totaling in excess of 30,000sqm with an international distribution network.



OUR MARKETS

B&R are Australia's largest enclosure manufacturer and electrical equipment integrator and have been supplying the Defence industry since 1955.



Defence Infrastructure
& Capital Assets



IT Infrastructure &
Data Centres



Mining



Process Control &
Automation



Telecommunications
and Telecom Networks



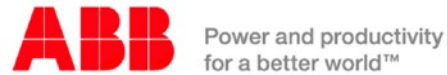
Oil & Gas



Energy, Water, Transport
& Infrastructure



Residential Commercial
Power Distribution



Government
of South Australia

Australian Government
Department of Defence

OUR CUSTOMERS

B&R product solutions are trusted by some of the world's largest companies. B&R's team collaborates with customers to deliver innovative solutions to suit complex specifications.





“ B&R provided quality technical engagement, quality manufactured product, and worked openly and effectively with BDA staff to meet challenging technical requirements and an aggressive schedule. ”

Lee Davis, Boeing Defence Australia Ltd

OUR STANDARDS and ACCREDITATIONS

At B&R, quality and value are just the beginning. We strive to deliver quality products developed and manufactured by a team dedicated to excellence, backed by standards, approvals and industry accreditations.





ISO 9001:2015

Every B&R Enclosures manufacturing facility is externally audited to ensure that the quality of our products meet the stringent ISO9001 standards. B&R's products are carefully inspected at the end of lines during the manufacturing process to ensure that the enclosures will withstand their intended environment and application.



AS/NZS4801

An externally audited Occupational Health and Safety Management System.



ISO 14001

Sets out the criteria for an environmental management system. It maps out a framework that a company or organisation can follow to set up an effective environmental management system.



Security Construction and Equipment Committee (S.C.E.C)

A standing inter-departmental committee responsible for the evaluation of security equipment for use by Australian Government departments and agencies.



IECEx Certification

An internationally recognised scheme for the certification of hazardous area electrical equipment. The IECEx system is designed to facilitate international trade in equipment and services for use in hazardous areas, while maintaining the required level of safety.



Lloyd's Register

Lloyd's Register is a global organisation which provides independent assurance to companies operating high-risk, capital-intensive assets in the energy and transportation sectors, to enhance the safety of life, property and the environment.



CE Mark

The CE marking is a European proof of conformity that allows manufacturers and exporters to circulate products freely within the European Union.



RoHS

The RoHS directive aims to restrict certain dangerous substances commonly used in electronic and electronic equipment. Any RoHS compliant component is tested for the presence of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE).



ASSDA

The Australian Stainless Steel Development Association provides comprehensive technical information on stainless steel. This includes information for users, equipment manufacturers and stainless steel suppliers.



Achilles

Our global networks of industry communities serve buyers in supplier pre-qualification, supplier risk management and compliance, and supplier visibility.

OUR PEOPLE

B&R is committed to being a learning organisation, continually striving to improve employee work related skills, knowledge and competencies.

B&R Enclosures prides itself on being a family owned and operated business that has been in operation for over 60 years. With a strong culture and a friendly working environment, B&R offers challenging and rewarding roles with long term career development.

At B&R, we believe in:

- You becoming part of an organisation that places a premium on leadership.
- Having a passion for understanding and exceeding our customers expectations.
- Pursuing innovation and value "out-of-the-box" thinking.
- Putting the highest priority on recruiting, developing and retaining outstanding people.

B&R employ a variety of skilled employees working within a number of fields including:

- Electrical Design
- Industrial Design
- Mechanical Engineering
- Procurement
- Supply Chain
- Bid Estimating
- Technical Services
- Project Management
- Health, Safety, Environment, Quality Management
- Marketing
- Manufacturing

Providing breakthrough solutions and products since

1955

100% Australian family owned and operated.



B&R employ over

400

brilliant people.





B&R DEFENCE

Our commitment to supplying the Defence industry
with highest quality products designed and
developed with our customers for their mission.



SEA

Surface, underwater and shore infrastructure solutions for a variety of platform, communication and combat systems.



LAND

Ruggedised vehicle, surveillance, battlespace communications and base facility solutions.



AIR

Communication infrastructure, surveillance and ground support solutions.



OUR PROJECTS



© Commonwealth of Australia

Collins Class Submarine Build – Royal Australian Navy (RAN)



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Land 2072 Phase II & III Currawong Battlespace Communications 2015-2018 – Australian Defence Force (ADF)



© Commonwealth of Australia

JP2025 Phase II A & B Jindalee Operation Radar Network Construction – Defence Science and Technology (DSTO)



© Commonwealth of Australia

Air 5349 Phase III Growler Support Facilities 2016-2018 – Royal Australian Air Force (RAAF)



© Commonwealth of Australia

Air 8000 Phase II Battlefield Airlifter Facilities 2017-2018 – Royal Australian Air Force (RAAF)



© Commonwealth of Australia

Air 5431 Phase II & III Air Traffic Management and Control System Facilities – Royal Australian Air Force (RAAF)

INFRASTRUCTURE and SUSTAINMENT

B&R Enclosures is committed to delivering safe, accessible infrastructure solutions including the extension of life and capability for defence assets. When projects are due to be updated with the latest technologies, B&R have suitable solutions that are available off-the-shelf or designed to meet specific form and function requirements.

With our team of engineers and industrial designers working closely with our customers, our dedicated manufacturing and electrical teams are here to deliver your exact product requirements.

B&R's design engineers are committed to finding the best solutions for an application by working with customers throughout the entire design and manufacturing process.

Our clients have come to rely on our breadth of knowledge to ensure safety, longevity and optimum performance.



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