

DEFENCE TASMANIA INDUSTRY DIRECTORY

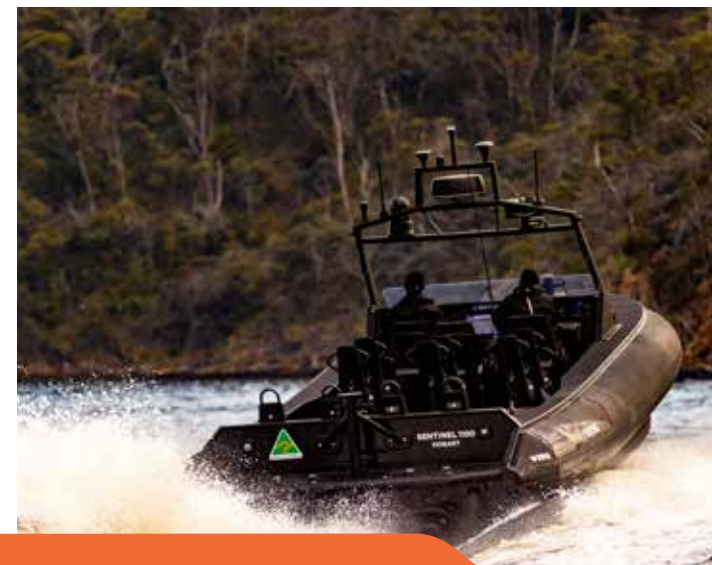




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- Left hand image: Elphinstone Pty Ltd specialist welder.
- Middle bottom image: Penguin Composites panel from the Thales Australia Hawkei Protected Mobility Vehicle – Light (PMV-L).
- Middle top image: Currawong Engineering's Corvid-50 UAV engine.
- Top right image: Australian Maritime College specialist maritime education, training, research and consultancy.
- Bottom right image: Sentinel Boats 1100R tactical HDPE sea boat.

Image right

Maltec Engineering Machinist.



Message from Tasmania's Defence Industry Advocate



Tasmania's defence industry has built a reputation for solving complex challenges, delivering innovative solutions and producing high-quality products and services for some of the world's most demanding commercial and defence environments.

Throughout my career, I have seen the critical role industry plays in delivering and sustaining military capability. Success depends on trusted partners who can innovate, adapt to emerging challenges and consistently deliver to the highest standards. Those qualities are evident throughout Tasmania's defence industry.

This directory showcases the businesses and organisations that form Tasmania's defence industry. They are contributing to major Australian and international defence programs, supporting global supply chains and developing advanced capabilities across the maritime, land, air, space and cyber domains.

Many have built their reputation through decades of success in highly competitive commercial markets before applying those same skills and technologies to defence.

Tasmania offers more than technical capability. Our businesses are collaborative, agile and customer-focused, working closely with Defence, prime contractors and research organisations to develop specialist solutions that meet demanding operational requirements.

This collaborative approach has enabled Tasmanian organisations to establish trusted partnerships across Australia and internationally.

The strategic environment is driving a renewed focus on capability, resilience and industrial readiness. Tasmania's defence industry is well placed to contribute to this national effort through its proven expertise, innovation and collaborative approach.

Supported by strengths in advanced manufacturing, engineering, maritime systems, digital technologies, autonomous and uncrewed systems, professional services, research and innovation, Tasmania has the capability and capacity to help meet Defence's evolving needs.

This capability is already making a difference. Tasmanian companies support major Australian and international defence programs, contribute to global supply chains and provide products, technologies and services to the Australian Defence Force and those of allies and partner nations.

Our long-established maritime expertise is now complemented by growing capabilities across land, air, space and cyber.

The businesses featured in this directory share a commitment to quality, reliability and performance.

Whether you are seeking a specialised supplier, research collaborator, advanced manufacturing capability or an innovative solution to a complex challenge, I encourage you to explore the organisations featured in these pages and connect with Tasmania's defence industry.

I invite you to discover the Tasmanian advantage.

A handwritten signature in blue ink, appearing to read 'Michelle Campbell'.

Michelle Campbell AM

Tasmania's Defence Industry Advocate

Tasmania's defence advantage

Collaboration

Tasmania's manufacturers, research organisations and education institutions are highly collaborative, with proven capability in Australian and international defence markets, particularly in maritime and heavy vehicle sectors.

Industry support

Defence Tasmania, the Tasmanian Defence Industry Advocate and the Defence Science Institute support industry growth, innovation, investment attraction and defence research collaboration.

Global and local supply chains

Tasmanian manufacturers operate within global supply chains while benefiting from strong local fabrication and engineering networks. Combined with modern infrastructure and a skilled workforce, this delivers high-quality precision engineering at competitive costs.

Maritime and vehicle manufacturing

Tasmania is known for high quality shipbuilding and maritime manufacturing, with Tasmanian equipment installed on numerous national and international vessels. Companies also deliver advanced vehicle components and heavy industry maintenance, building on decades of experience in mining and commercial sectors

Industrial precincts and infrastructure

Industrial precincts are located close to key maritime and air freight corridors, supported by shipyards, slipways, maritime precincts, deep-water ports and advanced manufacturing facilities that contribute to major defence land programs.

Skilled workforce

Australian Maritime College, TasTAFE and industry partners provide specialised training in maritime operations, engineering, fabrication, welding and maintenance. Tasmania also hosts a Manufacturing Centre of Excellence and one of only three Simulated Work Environments in the Southern Hemisphere.

Science, research and innovation

Tasmania is home to world-class research institutions including the Australian Maritime College and the University of Tasmania's Defence and Maritime Innovation and Design Precinct. Tasmania also hosts nationally significant infrastructure and capabilities relating to Antarctic science and research, space observation and research and remote and maritime medicine.

Operational experience in remote and extreme environments

Tasmania's proximity to the Southern Ocean and Antarctica provides unique expertise in operating in remote and challenging environments, supporting Australia's interests in the southern region.

Renewable energy

Tasmania generates enough renewable electricity to meet its current needs and has a legislated target to double renewable generation by 2040, supporting sustainable industrial and defence industry growth.



Liferaft Systems Australia Marine Evacuation System deployed from a Royal Netherlands Navy Holland Class OPV.

Capability map



North

Defence assets

- 1 Stoney Head Military Training Area (Stoney Head)
- 2 Defence Science and Technology Group Research Facility (Scottsdale)
- 3 Youngtown Depot (Launceston)

UTAS/AMC assets and facilities

- 4 University of Tasmania's (UTAS) Defence and Maritime Innovation and Design Precinct and Australian Maritime College (AMC)
- 5 AMC Autonomous Maritime Systems Test & Evaluation Centre – Lake Trevallyn Testing Grounds
- 6 AMC Marine Fleet Training Centre and AMC Autonomous Maritime Systems Test & Evaluation Centre – Beauty Point
- 7 AMC Autonomous Maritime System Test & Evaluation Centre – Low Head Testing Grounds
- 8 AMC Firefighting Training Facility – Bell Bay

North West/West

Defence assets

- 9 Kokoda Barracks – Devonport

UTAS/AMC assets and facilities

- 10 AMC Autonomous Maritime System Test & Evaluation Centre – Lake St Clair Testing Grounds
- 11 AMC Autonomous Maritime System Test & Evaluation Centre – Macquarie Harbour Testing Grounds

Other organisations

- 12 TMEC – Tasmanian Minerals, Manufacturing and Energy Council

South

Defence assets

- 13 Buckland Barracks
- 14 Derwent Barracks
- 15 Anglesea Barracks
- 16 Fort Direction Explosive Ordnance Facility – South Arm

UTAS/AMC assets and facilities

- 17 University of Tasmania's Mount Pleasant radio observatory – Cambridge
- 18 University of Tasmania's Bisdee Tier Ground Station and Greenhill Observatory – Melton Mowbray
- 19 University of Tasmania's Institute of Marine and Antarctic Studies

Other organisations

- 20 Centre for Antarctic, Remote and Maritime Medicine including Diving, Hyperbaric and Aerospace Medicine Department – Royal Hobart Hospital

Capability descriptions

Maritime domain includes ship and watercraft construction, port development and ship operations, specialised engineered equipment, undersea and autonomous systems and domain awareness, diving training and diving medicine, and professional services.

Land domain includes specialised vehicle manufacturing, specialised systems and equipment (e.g. signature management and composites), engineering and fabrication, and food technology.

Air domain includes specialised systems and equipment (e.g. power electronics and engine systems), engineering and fabrication, training and aerospace medicine.

Space domain includes space domain awareness, specialised systems and equipment, and aerospace medicine.

ICT and other key enablers includes software development and integration (e.g. artificial intelligence, machine learning, cyber, biometrics and extended reality), systems engineering and professional services.

Research and education includes VET and tertiary training and education (including simulation), and research and development.

Image right

Muir Technical Specialist, assembling VRC1250 Winch, Muir Workshop, Kingston, Tasmania.



Capability index



	Maritime domain	Land domain	Air domain	Space domain	ICT and other key enablers	Research and education	
Access Solutions	✓	✓					10
Action Auto Glass	✓	✓					11
ADEC Kedge	✓				✓	✓	12
AERIUS Marine Australia	✓						13
AJL Heavy Industries	✓	✓					14
APCO Engineering	✓	✓					15
AP Kempe Engineering	✓	✓	✓	✓		✓	16
Astrotec	✓	✓			✓		17
Australian Maritime College (AMC)	✓					✓	18
Biofouling Solutions	✓					✓	19
Blundstone Australia.....	✓	✓	✓				20
Campers Pantry	✓	✓	✓				21
Castings Tasmania	✓	✓					22
CBG Systems	✓	✓			✓		23
CLS Oceania	✓						24
Commercial Dive Academy	✓	✓					25
Cooper Fluid Systems	✓	✓	✓	✓			26
CPT Engineering	✓	✓					27
Crisp Bros. & Haywards	✓	✓					28
Cromarty Automation	✓	✓			✓		29
Currawong Engineering.....	✓	✓	✓				30
Decem	✓				✓		31

Capability index continued

	Maritime domain	Land domain	Air domain	Space domain	ICT and other key enablers	Research and education	
Definium Technologies	✓	✓			✓		32
Delta Hydraulics	✓	✓					33
Direct Edge	✓	✓	✓				34
Diving, Hyperbaric & Aerospace Medicine	✓	✓	✓	✓		✓	35
Echoview Software	✓					✓	36
Ecka Granules Australia	✓	✓	✓	✓			37
Elphinstone	✓	✓					38
ESpy Ocean	✓	✓	✓	✓	✓		39
Finite Elements	✓	✓	✓	✓		✓	40
Fiomarine Industries	✓						41
Forager Foods	✓	✓	✓				42
Fortifyedge.AI	✓	✓	✓	✓	✓	✓	43
Fulcrum Robotics	✓	✓	✓				44
Fusion NDT	✓	✓	✓	✓			45
Geoneon		✓		✓			46
Handbuilt Creative	✓	✓	✓	✓	✓	✓	47
Harbro Engineering	✓	✓	✓	✓			48
HENSOLDT Australia	✓	✓	✓	✓			49
Imbros	✓	✓					50
Incat Tasmania	✓						51
Indicium Dynamics	✓	✓	✓	✓	✓	✓	52
Iso Tech Engineering	✓	✓					53

Capability index continued

	Maritime domain	Land domain	Air domain	Space domain	ICT and other key enablers	Research and education	
Jayben Group	✓	✓					54
Liferaft Systems Australia	✓						55
Lightning Protection International	✓	✓	✓	✓	✓		56
Made By Ignite			✓				57
Maltec Engineering	✓	✓					58
Mirador Capability Solutions	✓	✓	✓				59
Muir Engineering	✓						60
Norfolk Blinds	✓	✓					61
Nortek	✓				✓	✓	62
Novaris	✓	✓	✓	✓	✓		63
Ocean Infinity	✓		✓		✓	✓	64
Offshore Unlimited	✓						65
Penguin Composites	✓	✓					66
Performatec	✓	✓	✓			✓	67
Pivot Maritime International	✓				✓	✓	68
PT Motorsport	✓	✓	✓	✓			69
Seaforce	✓	✓			✓	✓	70
Sentinel Boats	✓	✓					71
Serco Australia	✓	✓	✓	✓			72
SoSub	✓						73
Southland Filtration	✓	✓					74
Storemasta	✓	✓					75

Capability index continued

	Maritime domain	Land domain	Air domain	Space domain	ICT and other key enablers	Research and education	
SubSea Craft.....	✓		✓		✓	✓	76
TasTAFE						✓	77
Taylor Bros	✓						78
Taz Drone Solutions	✓	✓	✓				79
Tidetech.....	✓				✓		80
TMEC Manufacturing Centre.....						✓	81
UTAS Defence & Maritime Innovation & Design Precinct.....	✓	✓			✓	✓	82

MARITIME

LAND

Products and services

- Access Solutions specialises in the design, construction and service of vertical transportation equipment for the commercial and industrial sector of construction in Tasmania.
- Business segments include maritime, health and aged care, education, retail, warehousing and commercial developments.
- Access Solutions' focus is a "concept to completion" approach to all our work. Access Solutions' reputation has resulted in having a long list of projects with many repeat customers.

Capabilities

- Passenger lifts.
- Commercial goods lifts.
- Escalators.
- Duplex, triplex and quadplex lifts.
- Car lifts and goods hoists.
- Full comprehensive maintenance service including competitor lifts.

Competitive discriminators

- Tasmanian owned and family managed.
- 30 years operating.
- Specialise in custom sizing and low headroom.
- 24-hour local servicing team statewide.

Key customers

- Cricket Tasmania
- Department of Education
- Federal Group
- Incat Tasmania
- Kalis Group
- Mona
- Serco Asia Pacific (RSV Nuyina elevator support)
- TFE Hotels
- University of Tasmania

Quality accreditations and awards

- Accredited Building Practitioner
- MBT Specialist Contractor Winner and MBT Supplier of the Year 2023
- NAWIC Crystal Vision Award
- ISO 9001:2015 – Quality Management
- Recognised Employer of Choice
- TAFE Apprentices of the Year 2014 and 2015
- Tasmanian Community Achievement Business Award
- MBT Specialist Contractor of the Year – High Commendation 2022



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MARITIME

LAND

Products and services

Action Auto Glass provides precision CNC waterjet cutting and fabrication of laminated glass, polycarbonate, aluminium and engineered materials.

The company designs and manufactures custom safety glass and aluminium-framed window systems for automotive, heavy vehicles, marine and industrial equipment.

Services include design and manufacture of obsolete components, bespoke fabrication to specification, and supply of flat safety glass for plant and machinery. The business also supports installation, repair and rapid replacement through statewide field service capability.

Capabilities

- CNC waterjet cutting capability up to 152mm thickness with tolerances of $\pm 0.1\text{mm}$.
- Processing of glass, polycarbonate, aluminium, steel, HDPE and composite materials.
- Manufacture and replication of custom and obsolete components to specification.
- Design and manufacture of aluminium-framed window systems for heavy equipment.
- Compliance marking and traceability in accordance with Australian Standards.
- Secure packaging and preparation for domestic and export freight.
- Statewide field service supporting installation, repair and rapid replacement.

Competitive discriminators

- Ability to manufacture or replicate obsolete and hard-to-source components.
- Experience supporting heavy vehicle and industrial equipment platforms.
- High-precision CNC waterjet cutting ($\pm 0.1\text{mm}$) across diverse materials.
- End-to-end capability from design through to fabrication and installation.
- Proven long-term supply relationships with OEM and industrial clients.
- Rapid response capability supporting critical equipment uptime.
- Tasmanian-based manufacturing supporting sovereign supply chains.

Key customers

- Bluestone Mines
- Caterpillar
- Elphinstone Pty Ltd
- Grange Resources
- Mader International
- MMG Rosebery
- Terex

Quality accreditations and awards

- SAI Global Accreditation (Certified to AS 2080)
- ISO 9001:2015 – Quality (in progress)



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MARITIME

ICT

R and E

Products and services

- Marine surveys and compliance.
- Naval architecture.
- Decarbonisation and sustainability strategies.
- Marine technical training.
- Marine incident response.
- Derelict vessel deconstruction.
- Advisory and consultancy services.

Capabilities

- Solid technical foundation and broad capabilities across survey, design, compliance, and training.
- Ability to support unique vessel types.
- Capability to advise on fleet upgrades, compliance risk, and future-readiness.
- Proven track record working with regulators, state bodies, and port authorities.
- Risk and sustainability assessments.
- AMSA and MNZ-accredited inspections and designs.
- Dry dock training.
- Experienced problem solvers.
- ISO-certified management system, ensuring consistency, safety, and environmental compliance.

Competitive discriminators

- Responsive, precise, and capable of performing mission-critical scenarios.
- Integrated systems thinking (naval architecture, marine surveys, sustainability solutions).
- Familiarity with public accountability, compliance frameworks, and contractual obligations.
- Documentation and reporting excellence.

Key customers

- Austal Ships
- Australian Antarctic Division
- Australian Submarine Agency – Department of Defence
- BAE Systems Australia
- Birdon
- Crisp Bros. & Haywards
- Directorate of Naval Engineering
- Institute of Marine and Antarctic Studies – University of Tasmania
- INCAT Crowther
- Richardson Devine Marine
- Sentinel Boats
- Seafood and Maritime Training
- Tasmania Police
- Offshore Unlimited
- Ports Tasmania

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- Marine Surveyors individually accredited by AMSA/MNZ



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AERIUS Marine Australia

Heating, ventilation, air conditioning and refrigeration (HVAC-R) system integrator

MARITIME

Products and services

Aerius Marine Australia is a Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R) system turnkey integrator covering the entire ship's lifecycle, from concept and detail design through to build, commissioning and in-service support.

Capabilities

- HVAC-R system design.
- 3D system modelling.
- Equipment supply.
- System installation.
- Set to work and commissioning.
- ILS documentation.
- In-service support.

Competitive discriminators

- Designer and supplier of the HVAC system for the Hunter Class Frigates across the full scope, inclusive of 3D modelling, equipment, ductwork, installation and commissioning.
- Ability to draw on extensive experience gained in the turnkey delivery of the HVAC system for the Royal Navy's Queen Elizabeth Class Aircraft Carriers.
- A team of Australian engineers, trained internationally, that underpins the engineering capability, enabling the ability to act as a HVAC system design specialist.

Key customers

- BAE Systems

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety



A HEINEN & HOPMAN COMPANY

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AJL Heavy Industries

Transport, shipping, mining, marine, rail, forestry, fuel transportation and earthmoving

MARITIME

LAND

Products and services

- Metal fabrication, repairs, welding and structural steel works including class approved welding repairs.
- In-house design capability.
- General engineering and machining capability.
- Surface preparation and industrial coatings.
- General servicing and maintenance, repairs and rebuilds.
- Dangerous goods work.
- Electrical diagnostics, fitment and repairs.
- AIS vehicle and equipment inspections.
- Fleet maintenance and asset management.
- Parts and accessories supply and fitment.
- Marine propulsion engine and auxiliary engine overhauls, component changeouts, reconditioning and repairs.
- Pump and aux plant engineering services, including pipework.

Capabilities

- Authorised dealer of Mercedes-Benz trucks, Freightliner and Kalmar material handling products.
- Comprehensive maintenance services of heavy equipment, facilities and infrastructure, delivering tailored solutions to extend asset lifespan, maximise production and reduce downtime.
- 16,000kg and 20,000kg overhead gantry cranes workshops.
- AIS approved drive through brake and suspension machine.
- Automated oil and coolant system throughout the workshops.

Competitive discriminators

- State-of-the-art facilities located in Truganina/Port Melbourne, VIC and Burnie/Devonport/Hobart, TAS.
- Multi-diversified skilled workforce of over 130 staff members.

Key customers

- AAT
- Autocare
- De Bruyn's Transport
- Lowes Petroleum (Ocwen Energy)
- MIRRAT
- SCT Logistics
- Searoad
- Straitlink
- Tas Petroleum
- Tasports
- Toll Global Express and associated entities
- TT-Line

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ARCTick Certified



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MARITIME

LAND

Products and services

- Custom cast and machined components for marine industry in ferrous and non-ferrous metals.
- Specialist hydraulic actuators DNV certified for steering and ride control.
- Range of deck hatches and bulkhead seals.

Capabilities

- Foundry: cast metals include steel, stainless steel, cast iron, bronze, aluminium, heat and wear resistant metals.
- Machining includes 5 axis CNC machining on Mazak Integrex I400S as well as large capacity, high speed milling on Mazak FJV-60/120 II.
- Full CAD/CAM capability.

Competitive discriminators

- In-house casting and machining allows us to control the entire manufacturing process from design through to completion, allowing complete control over quality and delivery.

Key customers

- Commercial marine
- Marine grade hydraulic actuators
- Mining
- Power industry
- US Littoral Combat Ship project



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MARITIME

LAND

AIR

SPACE

R and E

Products and services

- Process valves, pumps and accessories.
- Fluid power components, pumps, motor, valving, manifolds, cylinders and electronics.
- Flexible fluid power hose assemblies, TYPE approval DNV, Lloyd and ABS.
- Complete kitted solutions, including long term/custom storage solutions.
- Testing and verification services.
- Largescale projects – turnkey construction.
- High-capacity batteries and ROV platforms.

Capabilities

- Mechanical and fluid power engineering solutions: design, manufacture and installation.
- Service and repair mechanical and fluid power equipment.
- Manufacture turnkey hydraulic, pneumatic, lubrication and fluid transfer systems.
- Specialist in fluid filtration and monitoring solutions.
- Rigid pipes and tubes assemblies, welded, crimped and flared.

Competitive discriminators

- 100% Australian owned family company est. 1983.
- 17 branches nationwide.
- George Town large engineering capabilities.
- Australia largest distributor of Parker Hannifin components.
- Strong partnership with key hydraulic, pneumatic and lubrication OEMs.
- Direct access to deep-seaport, major roads and infrastructure.

Key customers

- Bell Bay Aluminium (Rio Tinto)
- BHP – Olympic Dam
- Cement Australia
- Hanwha Defence Australia
- Hydro Tasmania
- MMG – Rosebery
- Nyrstar
- Pivot Maritime International
- Sentinel Boats
- Serco Defence
- Tasports

Quality accreditations and awards

- ISO 9001:2015 – Quality
- AS/NZs 4801 Health and Safety
- OHSAS 18001 Health and Safety
- ISO 14001:2015 – Environment



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MARITIME

LAND

ICT

Products and services

- High-quality electrical design, installation, maintenance and upgrades to the marine, Antarctic, industrial, commercial and healthcare sectors.

Capabilities

- Installation and maintenance of:
 - shipboard lighting, including searchlights and navigation lights
 - systems designed for Antarctic conditions
 - heating, ventilation and air conditioning (HVAC)
 - general light and power distribution
 - building management systems
 - safety systems and access control
 - data and communications
 - security and closed-circuit television (CCTV)
 - medical electrical systems
 - motors and generators
 - cranes and hoists
 - variable speed drives and soft starters
 - backup generators
 - thermal imaging.
- Maintenance and repair includes:
 - three-phase and single-phase motor and machine repairs
 - preventative maintenance systems
 - 24/7 breakdown and maintenance support.
- Body protection and cardiac protection specialists.
- Power analysis.
- Marina and wharf electrical services.
- Automation and instrumentation.
- Energy consumption monitoring and cost-saving measures.

Competitive discriminators

- Adopt a partnership approach with businesses to assist with reducing workplace risks and increase efficiency and performance.
- Tasmanian owned and operated company with over 30 years' experience installing and maintaining electrical assets.
- Multi-skilled workforce, able to provide tailored solutions in industries such as mining, quarries, concrete plants, aquaculture, water treatment facilities, shipping and gas generation plants.
- Fast response time, professional, solid electrical advice, integrity, work health and safety, competitive pricing, and punctuality.
- Authorised distributor of Helkama marine approved cables.

Key customers

- ASP Ship Management
- Australian Antarctic Division
- Calvary Health Care
- CSIRO
- CYAN
- Heidelberg
- Marine and Safety Tasmania
- Roadways
- Salmon Enterprises of Tasmania
- Serco Asia Pacific
- Taylor Bros



astrotec

ELECTRICAL TECHNICIANS

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Products and services

- The Australian Maritime College (AMC) is the national institute for maritime education, training and research.
- AMC provides maritime-specific undergraduate and postgraduate courses, research and research training, and vocational education and training.
- Training and consultancy services specific to the maritime and Defence sectors are provided through AMC's commercial arm, AMC Search Pty Ltd.

Capabilities

- Specialists in maritime domain R&D, and T&E.
- Renewable energy/power management.
- Naval architecture (stability, structural integrity, manoeuvring), fluid dynamics and fluid-structure interactions.
- Cavitation physics and hydro-acoustics.
- Ship, submarine and autonomous systems engineering and training, operation, and sustainment.
- Port development and maritime safety.

Competitive discriminators

- Diverse maritime education and training programs from AQF Level 1–10, as well as bespoke short courses to meet industry demand.
- Maritime facilities and personnel expertise are unique in Australia.
- Eight specialist maritime facilities on one campus, including towing tank, model test basin, cavitation research laboratory, and simulation centre.
- Access to AMSA regulated sandbox for AUV/USV vehicle development.
- Dedicated survival centre, fireground and waterfront campus with a fleet of vessels for mandatory marine and maritime training requirements.

- Expertise in maritime and logistics management, including supply chain resilience and adaptation of Industry 4.0 technologies.

Key customers

- Australian Government – DSTG, RAN
- Commercial SMEs and Defence Primes
- Domestic and International maritime industry – ports and shipping, offshore, shipbuilding and repair sectors
- Port authorities

Quality accreditations and awards

- Defence Industry Security Program (DISP) Member
- Tertiary Education Quality and Standards Agency (TEQSA) and Australian Skills Quality Authority (ASQA) – RTO ID: 60131
- AMSA, Engineers Australia (EA), Royal Institute of Naval Architects (RINA), International Institute of Marine Engineering, Science & Technology (IMarEST)
- Lloyd's Register QMS to ISO 9001:2015

UNIVERSITY of TASMANIA



Australian Maritime College

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MARITIME

R and E

Products and services

- Consultancy services in researching and/or managing biofouling and Invasive Aquatic Species (IAS), including:
 - advisory services
 - vessel inspections
 - likelihood/risk assessments
 - port baseline and surveillance
 - research and development
 - education and training.

Capabilities

- Vessel inspections for invasive aquatic species.
- Advisory and consultancy services.
- Likelihood and risk assessments.
- New and novel antifouling coatings or treatment solutions.
- Development of biofouling management plans and record books.
- Port baseline surveys and ongoing surveillance programs.
- Scientific, research and development services.
- Education and training.

Competitive discriminators

- Staff collectively have over 50 years' experience managing biofouling and invasive aquatic species.
- Conducted over 2,000 inspections including 58 different vessel types in 30 different countries.
- Biofouling Solutions scientists have PhDs in biofouling and/or invasive aquatic species.
- Staff have been involved in over 50 baseline, port surveys and ongoing surveillance programs throughout Australia and New Zealand.

Key customers

- Aquaculture industry
- Commonwealth, state/territory marine biosecurity regulators
- Cruise ship industry
- Defence Science and Technology Group
- International Maritime Organization (IMO)
- Oil and gas industry
- Shipping industry
- Wind energy sector

Awards

- 2020 Accelerating Commercialisation Program Grant – Australian Government Department of Industry, Science, Energy and Resources
- 2018 Australian Export Award – National Finalists of the Environmental Solutions Award
- 2018 Tasmanian Export Award – State Winner of the Environmental Solutions Award
- 2016 Australian Export Award – National Finalists of the Environmental Solutions Award
- 2016 Tasmanian Export Award – State Winner of the Environmental Solutions Award
- 2016 Australian Business Award for Employer of Choice (EOC)
- 2015 Winner of the Excellence in Marine Biosecurity Award – Western Australian Department of Fisheries
- 2014 Finalist Excellence in Marine Biosecurity Award – Western Australian Department of Fisheries
- 2013 State Finalist (Both small business and regional business categories) – Telstra Australian Business Awards



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MARITIME

LAND

AIR

Products and services

Blundstone manufactures a broad range of footwear, including iconic elastic-sided boots, heavy industrial safety footwear, lace-up safety boots for men and women, gumboots and casual boots. The range includes specialist products such as chemical resistant boots, underground mining boots, metatarsal guard and penetration-resistant styles, and airport-friendly footwear designed for safety critical environments.

Capabilities

- Blundstone boots have been keeping Australians safe since 1870.
- Decades of innovative design and manufacturing experience have positioned Blundstone to oversee a global supply chain that brings together leading ideas, components, and materials to support a diverse product range.
- Blundstone footwear is developed by an Australia-based team that leverages the best resources from around the world to continually push the boundaries of footwear innovation.

Competitive discriminators

- Blundstone is a privately owned Tasmanian company, with its head office and product design centre located in Hobart. This provides customers with a unique opportunity to engage directly with the product development team at a local level.
- Blundstone researches, develops, and designs new products using global resources, enabling the company to respond to market needs while delivering continual improvements in comfort, protection, performance, and aesthetics.
- Blundstone is a pioneer in enhancing comfort in work and safety boots and today collaborates with world-leading partners to develop next-generation footwear for the modern worker.

- Blundstone is committed to ensuring that all people involved in its footwear production are ethically employed and free from exploitation. Locally, this means employment standards within its supplier network exceed the minimum government-prescribed requirements in each country of operation. Built on values that have stood the test of time, Blundstone ensures legal, ethical, and responsible policies, practices, and processes are consistently adopted and implemented throughout the organisation.

Key customers

- Blundstone supplies footwear to most major mining and construction companies across Australia.

Quality accreditations and awards

- ISO 9001:2015 – Quality
- Safety footwear manufactured and accredited to Australian Standard AS 2210.3:2019 and ASTM F2413-19
- 2019 Good Design Award Gold Winner (Design Strategy category), recognising outstanding design integration and strategy



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MARITIME

LAND

AIR

Products and services

- Lightweight, long-life freeze-dried meals (up to 5+ year shelf life).
- Fully cooked meals before freeze-drying for superior taste, texture and nutrient retention.
- Customisable meal profiles to Defence P-F-C requirements (e.g. 15-20-65 high energy rations).
- Breakfast, lunch, dinner, dessert and snack solutions for field operations.
- Real meat, vegetables and clean ingredients.
- Modular ration pack assembly and custom menu configuration.
- Bulk catering for groups and remote operations.
- Individually portioned or scalable serving sizes to suit mission requirements.
- Contract packing and rapid product development for Defence-specific applications.

Capabilities

- Proven supply of freeze-dried meals into Defence and operational field environments.
- Agile manufacturing model enabling rapid product development, menu adaptation and custom Defence solutions.
- End-to-end supply chain across Australia.
- Scalable production from small batch runs to large volume contracts.
- Shelf-stable food systems designed for extreme environments and remote deployment.
- Maintains security stock levels to support rapid deployment for Defence operations, disaster response and remote field requirements.

Competitive discriminators

- Designed specifically for field-use – eat direct from pouch with minimal equipment and no clean-up.
- Developed with an understanding of operational feeding requirements across land, maritime and remote environments.
- Flexible production capabilities without reliance on single, large-scale facilities.
- Proven ability to customise meals, formats and ration systems to client requirements.
- Focus on real ingredients and clean-label formulations aligned to modern nutrition standards.
- Integrated product ecosystem including meals, snacks, bulk catering and field-use accessories.

Key customers

- Australian Antarctic Division
- Commercial expedition and remote field operators
- Government and institutional supply
- Outdoor Education Group
- Retail including Anaconda and BCF
- Schools, camps and outdoor education providers

Quality accreditations and awards

- HACCP-aligned production
- Packing and quality control through Endeavour Foundation facilities
- X-ray inspection and quality assurance processes applied to packed products
- Compliance with Australian food safety standards and labelling regulations



CAMPERS PANTRY

REAL FOOD • REMOTE PLACES

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MARITIME

LAND

Products and services

- Quality Australian made steel and iron castings at competitive prices with short lead times.
- Rail and truck components.
- Axle housings.
- Bearing housings.
- Gear blanks.
- Crusher and mill liners.
- Heavy equipment track links.
- Apron feeder pans.
- Rotary breaker liners.
- Scrap shredder hammers and liners.

Capabilities

- Capacity: 3,500 dressed tonnes per annum.
- Metal types:
 - Carbon and low alloy quench and tempered steels
 - Manganese steel
 - Stainless and heat resisting steels
 - Alloy white irons
 - Grey and SG iron.
- Solidification simulation before casting using SOLIDCast simulation software or Magmasoft.
- Mass of finished castings range from 50kg to 3 tonne for steel and 4.5 tonne for iron.
- Fast loop moulding – maximum mould size 2.3m x 1.8m – minimum mould size 1.5m x 1.0m.
- Jobbing moulding – maximum mould size 3.3m x 2.7m.
- Induction furnaces – 1 x 5 tonne; 2 x 3 tonne.
- Heat treatment furnaces – 3 x 10 tonne – normalising, water quench and temper, polymer quench and temper.

- In-house non-destructive testing – magnetic particle inspection (including fluorescent particles), ultrasonic testing.
- Access to local subcontractors for NATA certified non-destructive testing including radiography.
- State-of-the-art subcontract CNC machining facilities.

Competitive discriminators

- Modern plant due to extensive capital expenditure program.
- Stable workforce of 75 employees, many with 20–30 years of experience in the foundry industry.
- Flexible workforce allowing response to urgent requirements.

Key customers

- Bekaert Wire Rope
- Bluescope Steel
- Elphinstone
- FLSmidth
- GFG Liberty
- Grange Resources
- Rio Tinto Aluminium Bell Bay
- Tomago Aluminium Company

Quality accreditations

- ISO 9001:2015 – Quality
- ISO 45001:2018 – Safety
- ISO 9001:2018 – Environment



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MARITIME

LAND

ICT

Products and services

- Thermal insulation and passive fire protection systems:
 - Rapid Access Composite Plus (RAC Plus), a lightweight A60 structural fire protection system
 - Rapid Access Stainless (RAS) – a lightweight A60 structural fire protection system
 - A60 or A30 fire protection profile wrap
 - Thermal insulation wrap
 - C-Class division interior fit out systems.
- B-15 Lite – a lightweight panelised partition and ceiling system
 - Exhaust and engine insulation systems
 - Fire doors and fire dampers.
- Moonraker HF, UHF, Multi-band, MF and VHF antennas.
- Moonraker lightning protection products.
- Multispectral camouflage solutions, including mobile camouflage, nets and personnel camouflage.

Capabilities

- Over 40 years' experience in thermal insulation and passive fire protection and design and manufacture of antenna systems.
- Diverse product range combined with R&D capability, flexible manufacturing facilities and short lead times allows fast response and development of customised solutions to complex challenges.

Competitive discriminators

- Australian made products and services, with a team of highly skilled technicians with experience in commissioning projects worldwide.
- Established track record and assurance of continued lifetime support for all our products. Quality manufacture ensures long service life in extreme environments.

- Design service and support to produce customised solutions to meet customer specifications.
- Experienced defence supplier within Australia and overseas.

Key customers

- | | |
|--------------------|-------------------------|
| • ACMA | • Hanwha Defence |
| • ASC | • L3 Harris |
| • Austal | • Leonardo/Selex ES |
| • Australian Army | • Navantia |
| • BAE Systems | • Raytheon |
| • Damen | • Rheinmetall |
| • Datron | • Rohde and Schwarz |
| • Elbit | • Royal Australian Navy |
| • Fincantieri | • Saab |
| • General Dynamics | • Thales |

Quality accreditations and awards

- ISO 9001:2015 – Quality
- Marine Equipment Directive (MED)
- US Coast Guard (USCG) approved products
- Transport Canada
- 2018 Tasmanian Export Awards – Exporter of the Year
- 2022 Indo-Pacific Innovation Award
- 2022 Tasmanian Defence Industries Exporter of the Year



CBGSystems

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MARITIME

Products and services

- Maritime and metocean consulting services, equipment suppliers and monitoring software specialising in environment and climate monitoring, oceanography, maritime security and fisheries management services.
- Equipment Supplied:
 - CLS France: type approved fishing vessel monitoring systems (VMS), oil spill buoy (surface drifters)
 - Ground Control UK: satellite modems and OEM
 - Axys Technologies: manufacture of wave, current and meteorological buoys
 - Deep Water Buoyancy: subsea buoyancy flotation devices for the deployment of oceanographic instruments
 - Biosonics: scientific echo sounder systems for biomass estimation and habitat mapping
 - EdgeTech: specialised acoustic release systems as well as USBL navigation, side scan, sub-bottom and bathymetric sonar systems
 - Nautilus Marine Services: specialised glass flotation and instrument spheres, specialising in deep water applications
 - RTsys: AUVs, underwater acoustic recorders and seafloor classification systems
 - RADAC: high-quality radar wave, water level and tide monitoring systems
 - Zebra Tech: instrument wipers for use on oceanographic sensors and underwater camera systems.
- Satellite airtime services:
 - Satellite IOT: Argos/Kinies, Iridium (SBD, RUDICS, CSD, CERTUS) for compliance monitoring and reporting e.g. VMS, SSAS, LRIT
 - Satellite AIS: various

- Satellite surveillance/monitoring/images: Synthetic aperture radar and Interferometric Synthetic Aperture Radar (subsidence detection), satellite optical, satellite RF detection.
- Geointelligence Software as a Service:
 - THEMIS Thematic Maritime Information System Data Fusion platform for:
 - Maritime Awareness System including oil spill modelling and response planning
 - Search and Rescue (International Aeronautical and Maritime Search and Rescue standards).

Competitive discriminators

- 40 years expertise in the provision of marine, maritime and ocean applications for environmental monitoring and maritime security.

Key customers

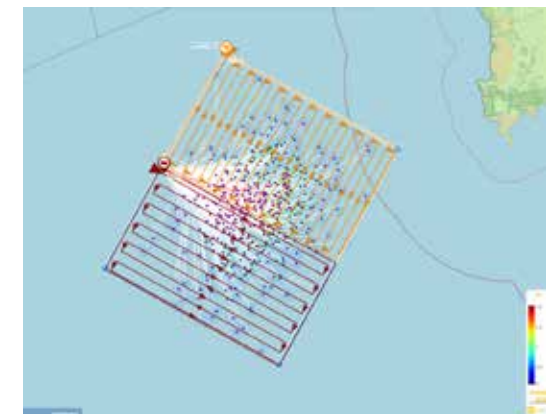
- Aquaculture
- Education, science, environment and research organisations
- Fisheries authorities – Federal, State, Regional
- Law Enforcement
- Marine/hydrographic surveyors
- Maritime Rescue Coordination Centre
- Mining, oil and gas/offshore renewables sectors
- Port and harbour authorities
- Royal Australian Navy
- Seismic acoustic monitoring end users



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Commercial Dive Academy

Internationally accredited offshore mixed gas and air commercial diver training

MARITIME

LAND

Products and services

- Diver training, SCUBA, surface supplied air, mixed gas surface supplied diver training, accredited through Australian Diver Accreditation Scheme (ADAS) and International Marine Contractors Association (IMCA).
- Closed Bell/Saturation Diver Training (ADAS, IMCA and ADCI).
- All levels of supervisor training, onshore and offshore (ADAS and IMCA).
- Diver Medic Technician, Assistant Life Support Technician and Chamber Operator certifications (ADAS and IMCA).
- Verification of Competency (VOC).

Capabilities

- Fully equipped saturation diving system with 100m of water in Tasmania.
- Approved for remote site training, nationally and internationally.
- Dynamic mobile rapid deployment air diving system.
- Deployable infrastructure.
- Onshore training locations in Collie, WA and Brisbane, QLD.

Competitive discriminators

- Very experienced staffing with English second language students. 40% of students are English second language.
- International staff with tutors from Egypt, Malaysia, Singapore, Scotland, South Africa, Chile, Australia and New Zealand.
- International recognition for all qualifications, including certification through ADAS, IMCA and ADCI.
- Flexible training with online theory for certain courses.

Key customers

- Australian Institute of Marine Science
- Australian Navy
- Boskalis
- Drass
- Franmarine
- Great Barrier Reef Marine Park Authority
- Hydropro Pty Ltd
- James Cook University
- James Fisher Defence
- Kruze Subsea
- Ocean Works Asia
- SMIT Salvage
- T&T Salvage
- Western Australian Police

Quality accreditations and awards

- Australian Diver Accreditation Scheme (ADAS) accredited
- Association of Diving Contractors International (ADCI) Member
- International Marine Contractors Association (IMCA) member
- CDAS Commercial Dive Association Singapore
- SAI Global Hydro Test Station
- Spirit Tasmania Business Awards (Excellence in Export) winner in both 2020 and 2021



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Cooper Fluid Systems

Specialists in design, manufacturing and maintenance of fluid power systems

MARITIME

LAND

AIR

SPACE

Products and services

- Fluid power components including pumps, motors, cylinders, valving and electronics.
- Hydraulic hose assemblies.
- Rigid tube and pipe assemblies.
- Testing and verification services.
- Manufacturing stainless steel ratchet cargo strap for Australian and New Zealand Defence Forces.

Capabilities

- Design, installation, service and repairs – end-to-end project solutions, engineering and system design, installation and commissioning, manufacturing of specialised hydraulic, lubrication and fluid transfer items, on-site maintenance and shutdowns.
- Hydraulics – hoses and fittings, pumps, motors, valves and accumulators, filtration, power units and systems.
- Lubrication equipment and systems – pumps (pneumatic, electric and hydraulic), filtration systems, controllers and diagnostics.
- Industrial hose and fittings – rubber, plastic and specialty hose, hose clamps and clips.
- Pneumatics – cylinders, pumps, motors, tube and fittings, valves, filters, regulators and lubricators, dryers and control cabinets.

Competitive discriminators

- Local design, manufacturing and service capabilities.
- National support through Cooper Fluid Systems.
- Global expertise through our key partners.
- Large, modern and flexible manufacturing facility.
- Overhead gantry crane, drive-through access, large secure concrete yard.

Key customers

- Australian Antarctic Division
- Caterpillar
- Cement Australia
- Elphinstone Pty Ltd
- Hydro Tasmania
- Terratec Australia Pty Ltd

Quality accreditations

- ISO 9001:2015 – Quality



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MARITIME

LAND

Products and services

CPT Engineering delivers advanced manufacturing and fabrication solutions to support defence, infrastructure, and complex industrial programs.

- End-to-end delivery: design, engineering, fabrication, assembly and installation.
- Advanced manufacturing technologies including 2D/3D laser cutting, CNC machining and automated fabrication.
- Capability across precision components, structural assemblies, and specialised fabrication.
- Proven ability to support both prototyping and scalable, repeatable production.

Capabilities

Sheet Metal and Fabrication

- Laser cutting, CNC punching, panel bending press brake, powder coating and custom pressing.

Laser Cutting

- 3D Tube Laser and 2D Fibre Laser.

Robotic and Manual Welding

- Robotic welding, qualified welders to relevant Australian and international standards.

Precision Machining

- CNC milling and turning, manual machining capability for flexibility and specialised work.

Tube Processing

- CNC tube bending.

Design and Prototyping

- In-house design and drafting capability.

Competitive discriminators

- End-to-end capability – single partner from concept to delivery.
- Advanced automation – improves consistency, efficiency and lead times.
- Flexible production model – supports both high-volume and complex one-off work.
- Experienced workforce – multi-skilled teams with deep fabrication expertise.
- Reliable supply – proven delivery into demanding industrial sectors.
- Integrated, multi-disciplinary manufacturing across three Australian facilities.
- Scalable production with automation supporting both short and long runs.
- Built-in redundancy across key processes to ensure continuity of supply.
- Strong focus on quality, safety and delivery performance.

Key customers

- ARB
- AusNet
- DUX
- Fiomarine
- RESiLIFT
- Rinnai
- Rio Tinto
- TasNetworks

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 45001:2018 – Safety



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MARITIME

LAND

Products and services

- Deliver unsurpassed structural steel fabrication for marine and civil projects across four operational sites (Hobart shipyard, Kinds Meadows, Western Junction and Wynyard).
- Shipyard facility has experience, capabilities and resources to undertake construction of new vessels, including design, manufacture (steel, aluminium and stainless steel), fit-out, mechanical, electrical and sand blasting/painting. Also undertakes shipping, survey, maintenance and general repairs.
- Projects include plate bridge girders, wind towers, sports stadiums, pressure vessels, tanks, bins and hoppers, conveyor systems, underground crushing plants, fabrication of structural steel buildings, manufacturing of equipment, stainless steel and aluminium fabrication and general structural steelwork in architectural applications.

Capabilities

- Hobart shipyard 8,070m² consisting of a separate fabrication hall with complete overhead gantry crane coverage of 13x5 tonne cranes; dedicated enclosed blasting/painting bay; separate outfitting hall; 15 tonne per metre capacity slipway, 125m long and capacity to slip vessels with 3.95m draft; 25 tonne capacity wharf 63m long with 8.7m water depth at end of wharf; boat ramp.
- Kings Meadows site 4,500m² total fabrication space, Haywards Western Junction total 11,000m² fabrication facility and 300m² prep area, Wynyard has a total 1,485m² fabrication space plus 300m² prep area.
- Steel detailing, surface treatment and site construction/erection in complex and difficult projects.
- Other services and capabilities include electrical and hydraulic design, installation and servicing and surface preparation – blasting, painting and galvanizing, vessel outfitting and mechanical installation and servicing.

Competitive discriminators

- Well-earned reputation for quality workmanship and delivering difficult projects in tight timeframes.
- Professional management of projects from the initial design stage through to final installation and commissioning.
- Assisting clients during conceptual project stage.
- Providing practical solutions and innovative design ideas using up-to-date construction methods.
- Providing insight into project planning and budgeting.
- Professional approach and determination to provide personal customer services, no matter the size of the project at hand.
- Owned and operated by a team of passionate shareholders and managers.

Key customers

- Aquaculture industry for Australia and New Zealand
- Cruise vessels
- Ferries
- Offshore shipping

Quality accreditations

- ISO 9001:2015 – Quality
- AS/NZS 4801:2001 – Safety
- AS/NZS ISO 3834 Part 2 – IIW Manufacturer Certification Scheme
- SCA-099 – Steelwork Compliance Australia



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MARITIME

LAND

ICT

Products and services

- Electrical and operational technology solutions.
- Automation and reporting systems.
- Cyber security compliance.
- Risk Assessment and Vulnerability Management.
- Customisable solutions.
- Renewable Energy Automation – BESS, BoP.
- Ship information management systems.

Capabilities

- DCS/SCADA/PLC automation systems design and programming.
- Instrument and electrical design.
- Renewable energy (AEMO semi dispatch).
- Manufacturing Execution Systems (MES).
- Radio/Telemetry/WAN communications.
- Hazardous Area, Machine Safety and LV Arc Flash and Electrical Compliance.
- Plant upgrade projects in automation and control.
- Turnkey project capability.

Competitive discriminators

- Over 35 years in Tasmania.
- Offices on mainland Australia.
- Skilled and experienced electrical engineers and technicians.
- Reputation for delivering quality results.
- Maintains strong relationships with industry.
- In-house 24/7 support capability.
- Advanced data analytics.
- Ethical values.

Key customers

- Australian Antarctic Division
- BioMar
- Dulux
- Extractas Bioscience
- Huon Aquaculture
- Hydro Tasmania
- Incat Tasmania
- Lion Nathan
- North Queensland Gas Pipeline
- Nyrstar
- Original Energy
- Rio Tinto
- Ross River Solar Farm
- Simplot
- Skretting
- Tasmanian Irrigation
- Tas Water
- Waterloo Wind Farm

Quality accreditations

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- ABB value provider (instrument, drives, UPS)
- DNV
- Ignition Premier Integrator
- PILZ Safety Systems Partner
- Rockwell Recognized System Integrator
- Schneider Electric Master Alliance Partner
- Siemens System Integrator



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Hobart | Launceston | Devonport

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MARITIME

LAND

AIR

Products and services

- Currawong is a world leader in engines and power electronics for unmanned aerial vehicles (UAVs).
- Currawong's products include the Corvid-50 engine, the Cortex-50 hybrid engine, the Velocity range of ESCs (Electronic Speed Controllers) and the CHPS (Cortex Hybrid Power Supply) for power management.
- Currawong engines offer customers a high-reliability powertrain solution with world leading EFI (electronic fuel injection) and telemetry in a complete turnkey solution for integration to unmanned aircraft.
- Currawong power electronics for motor control and hybrid engine platforms offer class-leading power density and reliability. To date over 5,000 ESCs have been sold locally and internationally.

Capabilities

- With a team of highly trained technicians and a well-equipped factory including three 5-axis milling machines and a full electronics assembly line, Currawong can design and manufacture its products in-house in a timely manner.
- Currawong machines aerospace grade metal parts for its own products as well as providing contract machining services to external customers.
- Currawong's talented engineers have a strong focus on research and development to both respond to customer requests and to create innovative new products.
- Currawong offers integration support for all its products including a custom tuning service where customers are provided the optimum ESC settings for their chosen motor and propeller combination.

Competitive discriminators

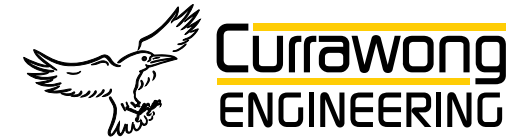
- Sold 250+ engines, 1,800+ engine control units, 1,500+ fuel pumps and 5,000+ ESCs to a large number of Defence and commercial customers.
- World leader in motor control and power electronics technology.
- A machining workshop with three 5-axis milling machines, two 3-axis milling machines, a CNC lathe and a CNC grinder.
- An electronics production facility including an automated solder paste printer, three pick and place machines, two reflow ovens and automated optical inspection and testing for PCB assembly.
- Established long-term customer base.
- A focus on technical support with our extensive documentation portal and powerful software.

Key customers

- Aerovironment (USA)
- Baykar (Türkiye)
- C2 Robotics (Australia)
- Fuji-Imvac (Japan)
- HFE International (USA)
- HoodTech Mechanical (USA)
- Insitu – A Boeing Company (USA)
- Taiwan UAV (Taiwan)
- Viettel (Vietnam)

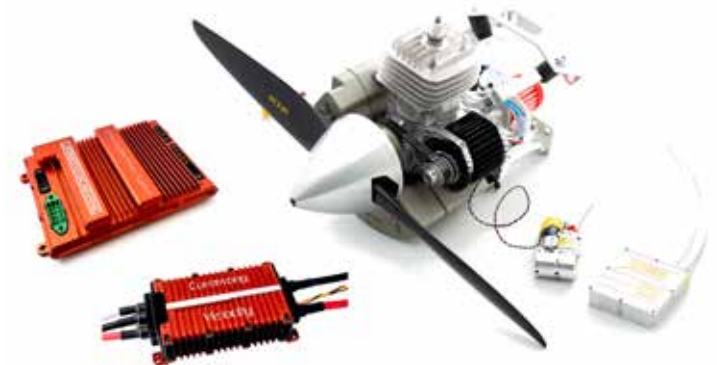
Quality accreditations and awards

- IPC trained technicians
- Tasmanian Defence Exporter of the Year 2023
- Tasmanian Manufacturing Export Award 2023, 2022, 2010, 2009



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MARITIME

ICT

Products and services

- Professional services: Decem specialises in matching highly qualified professionals with the defence sector's unique needs. Drawing from a pool of experienced candidates across Australia, we are able both to support defence forces directly and the defence industry to deliver projects.
- Integrated logistics support: Using bespoke software, Decem assists defence industry companies deliver integrated logistics support and technical data in a defence-compliant format to meet their contractual requirements. Decem's software is scalable and able to support projects of all sizes, from large shipbuilding programs to smaller sustainment contracts.
- Supply chain management: With a skilled integrated logistics support workforce, Decem is a trusted supplier of offshore patrol vessel spares. Decem works to Australianise the supply chain, building local capacity and supply chain reliance.

Capabilities

- Project management.
- Defence contract management.
- Tender preparation.
- Marine engineering.
- Software engineering.

Competitive discriminators

- Experience above and below the line for both defence forces and the defence industry.
- Understands the drivers and constraints of both sides, and how to deliver effective, pragmatic solutions.
- 100% Australian, veteran-owned small-medium enterprise.
- History of Australian defence contracting (ASDEFCON) compliant deliverables for defence industry clients.
- Value-for-money solutions for defence.

Key customers

- Australian Geospatial-Intelligence Organisation
- Department of Defence – Capability Acquisition and Sustainment Group
- Downer Engineering
- JEDS
- Leonardo
- Luerssen Australia
- Naval Shipbuilding and Sustainment Group
- Nova Systems
- Skeiny Projects

Quality accreditations and awards

- Australian Maritime College Engineering Our Future Supporter
- Defence Industry Security Program Level 1 Member
- ISO 9001:2015 – Quality
- NCAGE – 9T8N2
- Sam.gov ID – KZT5PZ7BMX85



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MARITIME

LAND

ICT

Products and services

- Design and manufacture of high-specification, high-reliability, custom electronics solutions for deployment in harsh industrial environments.
- Legacy systems enhancement with remote monitoring and control, or replacement with bespoke modern system.
- Rapid prototyping for cost effective proof of concept validation, with in-house manufacturing shortening design-for-manufacturing cycle time.
- Custom software development to customise product behaviour.
- Large or small volume contract manufacturing of complex printed circuit board assemblies and complete products.
- Secure remote telemetry systems for high-value industries.
- Remote sensing solutions for process automation and control systems.
- Site-wide radio network solutions for robust sensing networks using LoRaWAN.
- Dozens of sensing and communications product designs which can be quickly adapted to suit almost any application.

Capabilities

- Fully automated surface mount electronics assembly line capable of high-volume and high-precision.
- Automated optical inspection and x-ray inspection machines for internal process control and quality management.
- In-house hardware design and software development teams for reduced product development cycle time.
- High-volume electronics assembly with in-house mechanical workshop for complex product assemblies.

- Industrial design of enclosures suited to harsh environments, with multiple existing field-tested options.

Competitive discriminators

- Completely in-house hardware and software design and manufacturing.
- Focus on low-volume, high-reliability design and manufacturing.
- Rapid turnaround from concept to prototype to production.
- Field operations team for real world testing and validation.
- Extensive experience with all types of IoT technologies with thousands of custom-made devices in the field.

Key customers

- Airside Equipment
- Boyer Corporation
- Boyne Smelters
- Brunstedt and Lambert Systems, USA
- Currawong Engineering, Australia
- Hydro Tasmania
- ICT International, Australia
- Invision Sales
- NZAS
- ResiLift
- Rio Tinto (Pacific Aluminium)
- Smart Building Services
- Tas Rail
- Tomago Aluminium
- Whelen Engineering



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MARITIME

LAND

Products and services

- Hydraulic cylinders.
- Double and single acting telescopic hydraulic cylinders.
- Annular ported double acting telescopic hydraulic cylinders.
- Intelligent hydraulic cylinders with velocity and position sensor feedback.
- Hydraulic manifolds.
- Hydraulic hoses.

Capabilities

- Hydraulic cylinders: 2D and 3D design, metal cutting, friction welding and rotary welding a wide range of metal types in solid and hollow bar, CN lathe and milling machining, manual lathe machining, gun drilling internal ports, skiving and burnishing of metal tube, metal grinding, induction hardening of a wide range of metals, hard chrome plating, ceramic chrome treatments, fitment of velocity and position sensors.
- Hydraulic cylinder assembly and testing, clean room assembly and testing of cylinders and manifolds, painting, quality gates in all processes.
- Hydraulic hoses: design cut rubber hose, skive rubber hose, clean, orient hydraulic couplings, crimp hydraulic couplings, quality gates in all processes.

Competitive discriminators

- 100% in-house end-to-end manufacturer of hydraulic cylinders and related products, from design, prototyping and manufacture.
- Ability and willingness to undertake specialist customised low volume products.
- Clean room assembly of hydraulic cylinders and manifolds.

- Significant capability and experience in the manufacture of hydraulic cylinders to operate in harsh environments such as mining, shipbuilding, oil and gas exploration and waste management.

Key customers

- ASC Pty Ltd (formerly Australian Submarine Corporation)
- Austal
- Bucher Municipal
- Caterpillar Inc
- Caterpillar (Thailand) Ltd
- Hercules Engineering
- Hydro Tasmania
- JJ Richards
- Komatsu Mining Corp
- Roc Services
- Sandvik
- Superior Pak Pty Ltd
- Thales Australia
- TMJ Marketing Pte Ltd (on-sold to Minister of Defence, Singapore)
- Transport Hydraulic Solutions (New Zealand)

Quality accreditations

- ISO 9001:2015 – Quality
- ASC accredited clean room
- Caterpillar Bronze SQEP (Supplier Quality) certified for hydraulic cylinders and Caterpillar Silver SQEP certified for hydraulic hoses



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MARITIME

LAND

AIR

Products and services

- Direct Edge is a national leader in sophisticated sheet metal manufacturing. Utilising machinery such as the world's fastest three-dimensional sheet metal processor we provide an unparalleled cut, fold, punch, fabricate and powdercoat/painted service at extremely competitive rates.
- Development and maintenance of systems, processes and capabilities to manufacture, weld and process components for Defence enables Direct Edge to supply sheet metal brackets, cabinets, enclosures and any associated components for integration into new platforms including the Rheinmetall Boxer CRV.
- Servicing the defence, mining, emergency vehicles, marine and food industries; cutting edge technology delivers world class optimal and cost effective solutions along with a certificate of compliance.

Capabilities

- With modern technology and adaptable production capabilities available Direct Edge are in the position to add value and drive competitive advantage into any supply chain.
- Specialists in working with mild steel, stainless steel, aluminium, galvanised steel, titanium, copper, brass, timber, acrylics, polyethylene, polycarbonates, rubber and aluminium composite.
- Employing a fully integrated enterprise resource planning system to control quality, workflow, product identification, delivery and resource allocation, Direct Edge's production line and workflow has been built around creating multiple products with various batch quantities whilst still providing a quality product on time into a global market.

Competitive discriminators

- Fully integrated ERP system to control quality, material, flow, product identification and resource allocation.
- Low to high volume production batches.
- Latest CNC automated technology ensures reduced lead time and guaranteed precision (laser, punch, waterjet, router, press-brakes).
- Diverse range of finishes including painting, powder coating, galvanised plating, engraving or electro polishing.
- International welding specialist and welding inspectors onsite.
- Welding of sheetmetal to ISO 3834-2 and DIN 2303:2007.

Key customers

- CAT Underground Mining, CAT MDC and CAT Thailand
- Mader International
- Marand Precision Engineering
- Rheinmetall
- Taylor Bros

Quality accreditations

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- DIN 2303:2007
- ISO 3834 Part 2



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MARITIME

LAND

AIR

SPACE

R and E

Products and services

The Department of Diving, Hyperbaric and Aerospace Medicine at the Royal Hobart Hospital (RHH) provides 24/7 statewide consultation services for diving and hyperbaric emergencies, assessment and management of diving-related illnesses and injuries; provision of hyperbaric oxygen therapy for appropriate diving and medical conditions e.g. complex wounds, trauma, radiation injury; acute and chronic wound care; diving and aviation medical examinations; technical support for forensic investigation of diving deaths; education and training for medical, nursing and technical personnel and research in human physiological responses to extreme environments.

Capabilities

- Dual-function hyper/hypobaric chamber.
- Operational pressure range from 608kPa (6 atmospheres) to 1kPa (0.01 atmospheres).
- Transcutaneous oximetry and other physiological monitoring, and full resuscitation and intensive care life-support capabilities.

Competitive discriminators

- The only human-rated, dual-function hyper/hypobaric chamber in the Southern Hemisphere.
- Extensive clinical experience in diving, maritime, Antarctic, aviation and wilderness expedition medical operations.
- Military, civilian (commercial and scientific), and humanitarian operational expertise.
- PEGASUS EnviroLab (the Physiology of Extreme Geographic, Aviation, Space and Under Sea Environments Laboratory) – multi-environment simulation (pressure, temperature, isolation and confinement, circadian rhythm, microgravity) existing or in development.

Key customers

- Australian and New Zealand College of Anaesthetists
- Australian Antarctic Division
- Australian Defence Force
- Centre for Antarctic, Remote and Maritime Medicine
- Commercial and scientific diving industries in Tasmania
- Hyperbaric Technicians and Nurses Association
- South Pacific Underwater Medicine Society
- University of Tasmania

Quality accreditations

Accredited to provide the following training:

- Advanced Certificate in Diving and Hyperbaric Medicine (ANZ College of Anaesthetists)
- Diploma of Diving and Hyperbaric Medicine (South Pacific Underwater Medicine Society)
- Special Skills training in Diving and Hyperbaric Medicine (ANZ College of Anaesthetists, Australian College for Emergency Medicine, Australian College of Rural and Remote Medicine, Royal Australian College of General Practitioners)
- Monoplace Hyperbaric Chamber Operator Course (Hyperbaric Technicians and Nurses Association)
- In-Chamber Nurse Attendant Course (Hyperbaric Technicians and Nurses Association)

TASMANIAN
HEALTH
SERVICE



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MARITIME

R and E

Products and services

- Echoview®, the world's leading software for processing and analysing active hydroacoustic data for the study of aquatic life and other objects in the water column.
- Bespoke hydroacoustic applications and processing workflows.
- Hydroacoustic consulting and services.
- Training in echosounder theory and data analysis.

Capabilities

- Software and services for active acoustic data analysis and reporting.
- Advanced scientific solutions for aquatic industries.
- Technology for autonomous data processing for AUVs, SUVs and fixed platforms.
- Hydroacoustic expertise in:
 - target detection and classification
 - autonomous fish counting, biomass determination
 - wideband processing, signal identification
 - vegetation mapping and gas seep detection.

Competitive discriminators

- Trusted brand and benchmark products – the industry standard.
- Thirty years' experience delivering advanced scientific software and services to governments and businesses in over 70 countries.
- Globally respected scientists in a workforce of highly educated and skilled people.
- Hardware agnostic – supporting over 75 hydroacoustic data formats and all major hardware brands.

Key customers

- Australian Antarctic Division
- CSIRO, Australia
- Department of Fisheries and Oceans, Canada
- Exail SAS, France
- Kongsberg, Norway
- National Institute of Fisheries Science, Korea
- Nippon Kaiyo, Japan
- NOAA Fisheries, USA

Quality accreditations and awards

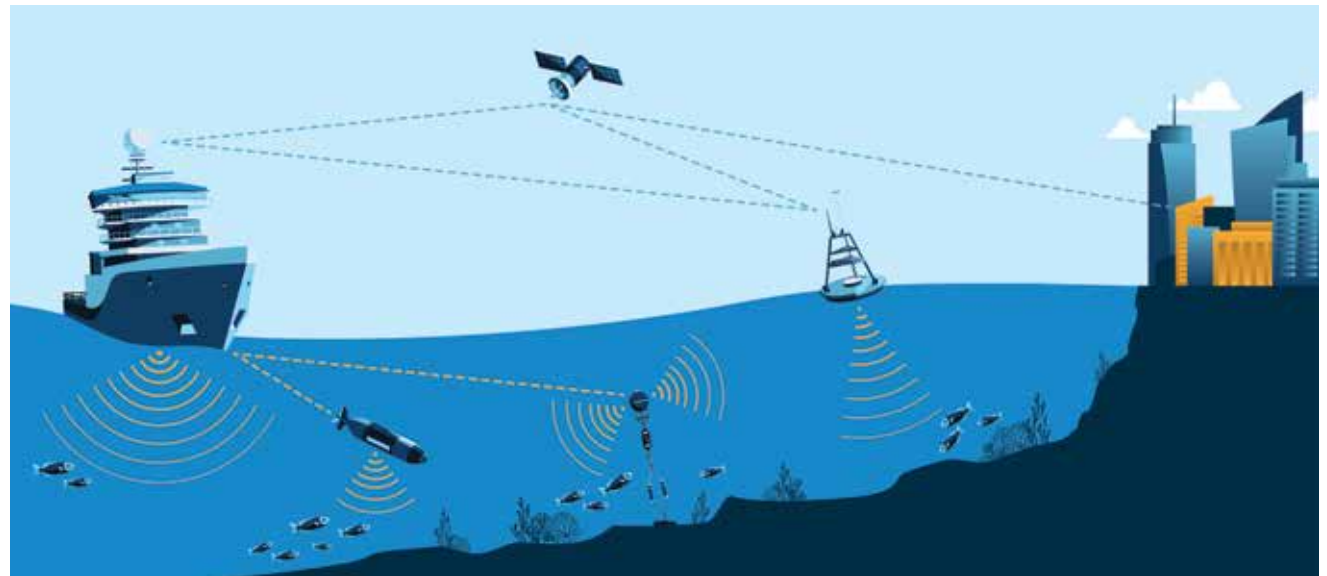
- Australian Exporter of the Year in Digital Technologies in 2018



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MARITIME

LAND

AIR

SPACE

Products and services

Ecka Granules Australia, part of Kymera International, is an Australian manufacturer of aluminium powders and granules supporting defence, aerospace and advanced manufacturing industries.

Located in Bell Bay, Tasmania, EGA provides sovereign manufacturing capability for critical materials including rocket propellant applications, additive manufacturing and specialised industrial processes. Backed by Kymera International's global network and powered by renewable Tasmanian hydropower, EGA delivers reliable, low-carbon advanced material solutions to domestic and international markets.

- Manufacture of aluminium powders and aluminium granules.
- Superfine, fine and coarse aluminium powders.
- Particle sizes from <2 micron to 1,500 micron.
- Aluminium granules ranging from 5–15mm.
- Rocket propellant material supply capability.
- Additive manufacturing feedstock products.
- Metal deoxidation and industrial additives.
- Packaging in FIBCs, drums and paper sacks.

Capabilities

- Australian-based advanced materials manufacturing.
- Custom particle size distribution capability.
- Advanced powder classification and blending.
- Defence and aerospace application support.
- Hazardous materials handling expertise.
- Domestic and international export capability.
- Low-carbon aluminium processing.
- Aluminium Alloying.

Competitive discriminators

- Only Australian based aluminium powder producer.
- Powered by renewable Tasmanian hydropower.
- Strong defence and aerospace market alignment.
- Flexible product customisation capability.
- Global support through Kymera International.
- Established advanced materials manufacturing expertise.
- Strategic Tasmanian manufacturing location.

Key customers

- Propellants
- Pigments
- Chemical
- Coatings
- Extrusions
- Metal Deoxidation
- Metal Matrix Composites
- Powder Metallurgy

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environmental
- ISO 45001:2018 – Safety
- 2025 EcoVadis Silver Medal Award Winner



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MARITIME

LAND

Products and services

- Elphinstone is an experienced Australian manufacturer, specialising in large-scale vehicle, machine, equipment and component manufacturing for local and global markets.
- Industries include defence, underground and surface mining, tunnelling and the public sector.

Capabilities

- Fabrication for light, medium and heavy applications – mild steel, stainless steel, hardened steel and armour steel plate.
- 5-axis Machining Centre – max workpiece 4.0m (H) x 4.5m (W) x 10.0m (L), 50 tonnes.
- First operations – plasma cutting and pressing (up to 1,000 tonnes).
- Abrasive blasting and painting.
- Non-destructive testing.
- Mechanical assembly – powertrain, hydraulics, electrical systems.
- Vehicle body fitout.
- Electrical harness manufacture – all plugs and cables, sheathed or braided.

Competitive discriminators

- 100% Australian owned and operated, headquartered in North West Tasmania.
- 45+ years' experience supplying and supporting equipment across the globe.
- Qualified and certified tradespeople.
- Embedded LEAN methodologies to maximise quality, repeatability and efficiency.
- Dedicated Defence team.
- Highly effective local and global supply network.

Key customers

- Hanwha Defence Australia – Hull and Turret fabrication for Huntsman FOV under LAND8116
- Hanwha Defence Australia – Hull fabrication for Redback FOV under LAND400 P3
- Jetcrete – Underground Mining Equipment
- Metro Tasmania – Passenger Buses
- Newmont – Underground Mining Equipment
- Orica – BM7 Mobile Mixing Unit

Quality accreditations and awards

- ISO 9001:2015 – Quality
- Member of Australian Defence Industry Security Program (DISP)
- Approved subcontractor for LAND 8116 Phase 1

ELPHINSTONE

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MARITIME

LAND

AIR

SPACE

ICT

Products and services

ESpy Ocean is a satellite image analysis company. Our primary focus is on the detection of covert marine vessels; surface, semi-submerged and submerged.

We also specialise in marine environment analysis and have created a successful White Shark behavioural prediction tool as well as waterways health analysis tools for various clients.

Our proprietary artificial intelligence systems are designed and developed entirely in-house, enabling us to create tailored solutions for complex detection, classification and behavioural prediction challenges across maritime and remote sensing applications.

Our three primary tools are;

- DarkChess – Vessel detection
- SharkChess – Behavioural prediction
- TunaChess – Pelagic fish detection and habitat identification.

Capabilities

- In-house AI development in detection, analysis and prediction.
- Anomaly detection including;
 - Covert marine vessels, surface, semi-submerged and submerged.
 - Marine spillage and contaminant detection.
- Pelagic fish detection and habitat identification, including predicted school movement.

Competitive discriminators

- Agile, innovative company.
- Bespoke solutions to specific problems.
- Proven technology born out of long-term partnerships with industry and universities.

Key customers

- Compliance agencies
- Fisheries companies
- Marine infrastructure managers

Quality accreditations and awards

Space Connect, Australian Space Industry Awards:

- Earth Observation program of the year 2024
- Earth Observation program of the year (finalist) 2025
- Innovator of the year (Finalist) 2021



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MARITIME

LAND

AIR

SPACE

R and E

Products and services

- Inventive mechanical engineering consultancy.
- Advanced computer-based engineering analysis and design.
- Documentation and specifications.
- Specialised composite material and product design.
- Development of registrable intellectual property.
- License to use novel designs and methods of manufacture.
- Re-imagined 3D printed design, components and prototypes.
- Technical feasibility assessment and management decision support for engineering project investment.
- Engineering project management.

Capabilities

- Expert advice to projects with high technical risk.
- Skilled project managers and engineering mentors.
- Accomplished complex project integrators and communicators.
- High-performance computing ANSYS Enterprise level finite element and computational fluid dynamics analysis.
- Purpose-built high-performance computing facility.
- Autodesk Inventor 3D CAD modelling.
- Design for 3D printing.
- Delta 3D Printer – 200 diameter x 400 high print volume for thermoplastic TPU, and wide variety of other plastics.
- Established manufacturing support networks.

Competitive discriminators

- Vertically integrated engineering project management through analysis and design to advanced manufacture and commissioning.
- Unique knowledge and experience across industries and materials with expert computer analysis and small team agility.
- World leading engineering designer of first ever successfully deployed solo manned submersible to the deepest place on earth, 11km deep – Deepsea Challenger submersible.
- World-leading engineering designer of patented Isofloat foam for human use at full ocean depth and unique composite skin for Deepsea Challenger.

Key customers

- Aquaculture farms and equipment suppliers – rugged design
- Australian Antarctic Division – extreme temperature design
- Deepsea Challenger – extreme depth design
- Metals processing, mining, oil and gas – Ecka Granules, Nyrstar, BHP, Temco, RSA, Terratec, MMI Texas, novel industrial cyclones, chiller chambers, heat exchangers, etc
- Renewable Energy – novel system design and engineering for small and large hydro, wind and solar

Quality accreditations and awards

- 2012 Australian international Design of the Year Award for engineering design of Deepsea Challenger submersible
- Engineering Simulation quality system based on: NAFEMS QAA 001:2007 supplement to ISO 9001-2008



Contact details

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Director

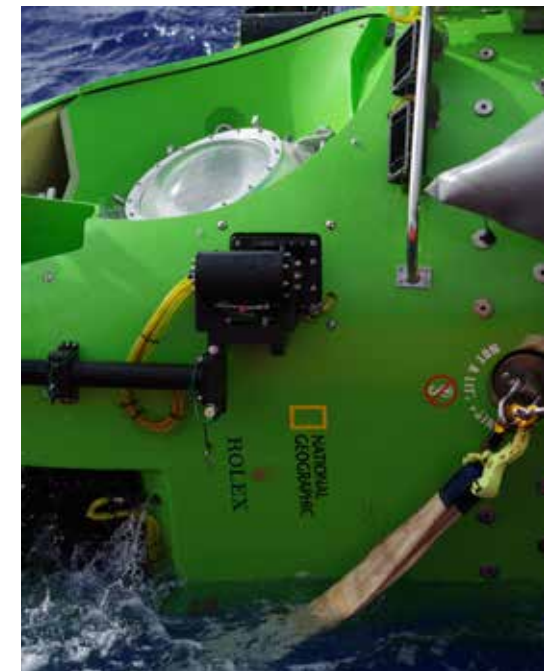
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Finite Elements

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MARITIME

Products and services

- Fiomarine manufactures and markets worldwide the 'Fiobuoy®', a robust submersible marine marker buoy and retrieval system specifically designed for military and research applications where sensitive or valuable equipment needs to be deployed underwater without a telltale surface marker, diver or an ROV for retrieval.
- Fiobuoy is security coded, programmable and deployable to depths up to 200m. It can be triggered into action by preset time/date or via coded acoustic command signal. At that time, it releases from its underwater mooring or payload mass and floats unwinding its way to the surface to fulfil its marking function.
- Fiomarine also acts as representative in Australia and New Zealand for International Submarine Engineering (ISE) based in Canada. ISE is a world leader in the design and integration of autonomous and remotely operated robotic vehicles and terrestrial robotics for military, research and general markets.

Capabilities

- Fiomarine can tailor Fiobuoys to meet the emerging needs of its clients.
- Its hollow casing makes it possible for it to become a subsea equipment platform where a customer's equipment can be incorporated inside e.g. data-loggers, environmental sensors, acoustic communications networks or homing beacons and listening devices.
- The technology can be configured to interact with a customer's payload equipment.
- Assistance can be provided in developing new concepts in ocean equipment retrieval which is normally sacrificial or too costly.
- Fiomarine is currently developing a small version of the Fiobuoy suitable for deployment by divers.

- Two way hydro-acoustic communication system incorporated into the Fiobuoy which is one of the smallest, with the lowest power requirements in the world. It can be modified to suit the customer's application and requirements also.

Competitive discriminators

- An all-in-one retrieval device combining acoustic-release, timer-release, flotation, surface marker, retrieval line and line storage and anti-tangle pay-out into one complete subsea retrieval solution.

Key customers

- Belgian Navy
- Customisable subsea equipment platform
- Hydrographic sector
- Mine countermeasures
- Royal Australian Navy
- Singapore University
- US Navy

Quality accreditations

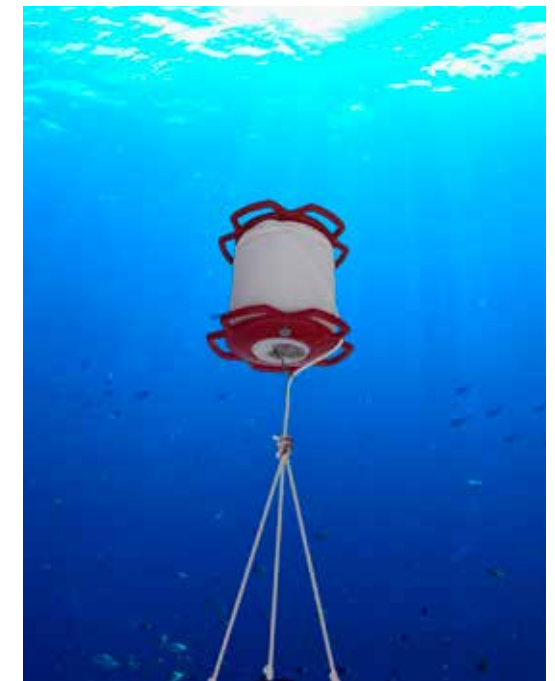
- Australian Defence recognised supplier



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MARITIME

LAND

AIR

Products and services

- Ready-to-eat meals.
- Ready-to-eat ingredients – meat, vegetables, fruit and dairy.
- Functional foods and ingredients.

Capabilities

- Leading Australian freeze drying business.
- Capacity to produce 500 tonnes of freeze dried product per annum.
- Processing, freeze drying, portion or bulk packing.
- Ambient, chilled and frozen food storage in 7,300m² facility.

Competitive discriminators

- Forager Foods has a vast network of skill sets including chefs, product developers, nutritionists, engineers and research facilitators.
- Inaugural member of the steering committee that set up and advises the Centre for Food Innovation, a joint venture between the University of Tasmania, CSIRO and Department of Defence.
- Utilising its vast network, Forager Foods has embraced the principle of continuous improvement, which drives all its product development and manufacturing programs.
- Diverse secure supply chain procuring from local, interstate and global suppliers.
- Established logistics providing secure and effective delivery globally.

- Freeze dried foods are lightweight, have long shelf life with very little degradation of the product over time, are shelf stable (can be held at any temperature) and upon rehydration, retain all nutrients and flavour of the fresh product.
- Freeze dried food products have potential uses for Defence across Army, Navy and Air Force.

Quality accreditations

- Export Registration – Dairy
- HACCP accreditation – Certificate FSAU17/9236
- Kosher – Certificate KC#226573
- Meat Processing Certificate
- NASAA Organic Registration – 7136P
- Organic Certification – ACO
- SQF certification



redefining the food experience

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MARITIME

LAND

AIR

SPACE

ICT

R and E

Products and services

- FrontlineOS™ human-state intelligence platform for wearable edge AI.
- Move-ID™ continuous biometric authentication and anti-spoofing.
- Predict-ID™ workload, fatigue, heat, noise and readiness risk.
- Duress-ID™ silent distress alerts, pin-drop location and escalation.
- Noise-ID™ hazardous noise detection and safety analytics.
- FortifyManage™ dashboard and Tactical CoPilot™ for AAR and decision support.

Capabilities

- On-device Edge AI and multimodal fusion from HR/HRV, skin temperature, IMU, pupillometry, audio, video and location.
- Offline-first, store-and-forward operation for DDIL and tactical environments.
- Human-State World Models™ for personalised baselines, anomaly detection and predictive risk.
- Samsung Galaxy Watch, Knox, Privileged Health SDK and WearOS integration.
- XR/simulation, xAPI learning records, dashboards and mission-system integration.

Competitive discriminators

- Human-state data layer bridges live operations, training and enterprise safety systems.
- Edge AI works when cloud connectivity is unavailable.
- Wearable-first deployment on commercial hardware managed with Samsung Knox.
- Individualised models learn each operator's baseline rather than generic thresholds.

- Validated through HTX Singapore, US Navy, Boeing and defence innovation programs.

Key customers

- Australian Space Agency
- BAE Systems Australia
- Boeing Australia
- HTX/HATCH Singapore
- Thales Australia
- US Air Force
- US Navy

Quality accreditations and awards

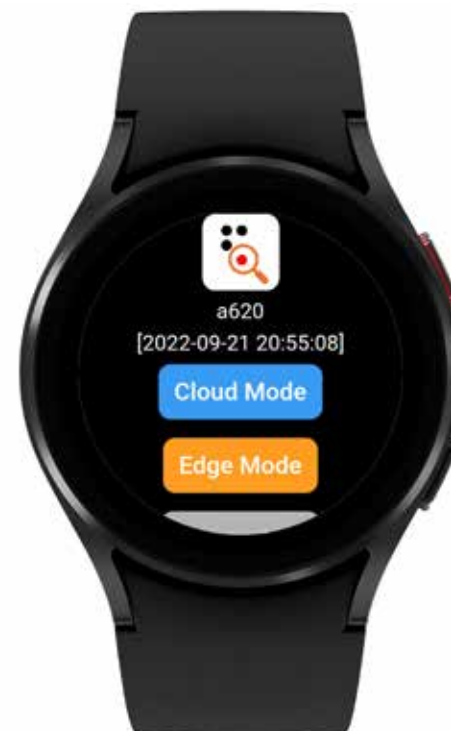
- TASICT Best ICT Partnership 2023
- AIIA iAwards 2023 - Finalist
- Australian Space Awards 2023 - Start-up of the Year Finalist
- NIST Public Safety Communications Research Award - Winner
- Siemens MindSphere Future Industry World Series - Finalist

Fortifyedge

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MARITIME

LAND

AIR

Products and services

- Leaders in the unmanned system and sensor industry with this experience extending capabilities into the defence manufacturing and services sector.
- Designers and operators of custom remotely operated robotic systems for industrial, environmental and military applications.
- Leaders in the deployment of remote operated vehicles (ROVs), uncrewed ground vehicles (UGVs) and uncrewed aerial vehicles (UAVs) undertaking 100,000 inspections per annum, deploying and training unmanned systems and sensors across all applications.
- Complete comprehensive environmental and asset inspections as well as condition assessments in maritime, aerial and terrestrial environments.
- Bathymetry surveys using multi- and single-beam sonars and structural scanning sonar.
- Industry-leading laser scanning of tunnels and confined spaces using LiDAR and other remote sensors.
- Development of highly accurate digital twins using aerial LiDAR, high-def sonar, 3D models, thermal and multi-spectral imaging.
- Tactical sedimentary management and robotic dredging capabilities.

Capabilities

- Air: CASA licensed and accredited providing a fleet of UAVs that perform industrial aerial inspection, thermal imaging, photography, 3D modelling and mapping.
- Land: Australia's largest and diverse range of UGVs, currently capable of distances exceeding 1,000m.
- Sea: Comprehensive fleet of ROVs, subsea sensors and commercial vessels in commercial survey.
- Confined space: Mobile robotic inspection systems that are compact, waterproof, airborne, climbing, tracked and magnetic.

- Terrestrial, aerial and marine laser scanning: State-of-the-art remote sensing technology transforming spatial data into practical knowledge.
- Internet of Things (IoT) and tracking: In-house capability to monitor and track assets, using distributed IoT sensors, networks and custom software.
- Distributor: Manufacturer and distributor for many custom robotic solutions.

Competitive discriminators

- Australian in-house designers, engineers and scientists.
- Safety and efficiency focus: Remote access via robotic technology that is safer and more cost-effective than conventional services.
- Rapid scalability.
- Staff diversity and industry expertise: In-house aeronautical and mechatronics engineers, geospatial and environmental scientists and tradespeople.
- Advanced technology: Internal AI/machine learning capability, software and mechatronics engineers.

Key customers

- Agriculture and aquaculture
- Private sector asset owners
- Environmental compliance
- Resource industry
- EPA/Regulators
- Scientific research
- Forestry
- Surveyors
- Generation and distribution
- Telecommunications
- Government
- Universities
- Ports and marine asset owners
- Water utilities



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MARITIME

LAND

AIR

SPACE

Products and services

- Fusion NDT provides Non-destructive testing (NDT) and mechanical testing services, ensuring the quality, safety and performance of assets.
- Expert advice and technical support tailored to project specific testing and inspection needs.
- Custom development and auditing of NDT procedures to meet industry standards and project requirements.

Capabilities

- Structural Integrity Inspection:
 - Defect Detection, identifying defects early to prevent failures and extend asset life.
 - Customized testing programs for optimal results.
- Decision Support:
 - Detailed Reporting, Comprehensive reports with actionable insights aid informed decision-making
 - Tailored advice and technical support for project specific needs.
- Welder quality assurance development:
 - Mechanical testing support for Procedure and Welder Qualification.

Competitive discriminators

- Certified technicians with extensive experience in NDT and mechanical testing.
- Utilising the latest technology and equipment to provide accurate and reliable testing results.
- Flexible, customised testing solutions aligned to each project's specific needs.
- Quality control processes ensure that every test is performed with the utmost precision and reliability.

Key customers

- Manufacturing
- APCO Engineering
 - Castings Tasmania
 - CPT Engineering
 - Crisp Bros. & Haywards
 - Delta Hydraulics
 - Direct Edge
 - Elphinstone
 - Incat Tasmania
 - ISO Tech Engineering
 - Jayben
 - Muir Engineering
 - Storemasta
 - Taylor Bros

Resources

- Bluestone Tin
- Grange Resources
- MMG
- Rio Tinto

Utilities

- Hydro Tasmania
- Tas Networks
- TasWater

Quality accreditations and awards

- ISO/IEC 17025 – Testing, NATA accredited



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LAND

SPACE

Products and services

Geoneon specialises in Earth Observation, AI and data fusion to map climate risk and vegetation at scale.

For vegetation monitoring, Geoneon uses satellite data and deep learning to map extent, estimate height, calculate density and foliage cover, and track change over time. Government agencies, utilities and international organisations use these insights to detect illegal deforestation, vegetation recovery and encroachment across Australia and the Pacific.

For wildfire risk, Geoneon combines satellite-derived fuel mapping, topography and weather to compute bushfire severity and asset exposure indices. Its platform updates daily hazard intelligence for operational decision-making.

Capabilities

- AI powered satellite imageries analysis.
- Vegetation extent, height, density and foliage cover mapping.
- Bushfire severity and asset exposure assessment.
- Daily wildfire hazard monitoring and update capability for decision-support.
- Large-scale automated geospatial data processing.
- Climate, vegetation and natural hazard risk mapping.

Competitive discriminators

- Proprietary satellite-derived fuel and vegetation mapping.
- Scalable monitoring across large regions and remote areas.
- Supports daily operational and strategic decision-making.
- Proven use by government, utilities and international organisations.
- Deep domain expertise.

Key customers

- APA Group
- Asian Disaster Preparedness Centre
- Department of Fire and Emergency Services
- Federal Government of Australia
- Marinus Link
- Pacific Community
- Tasmanian Forest Product Authority
- World Bank

Quality accreditations and awards

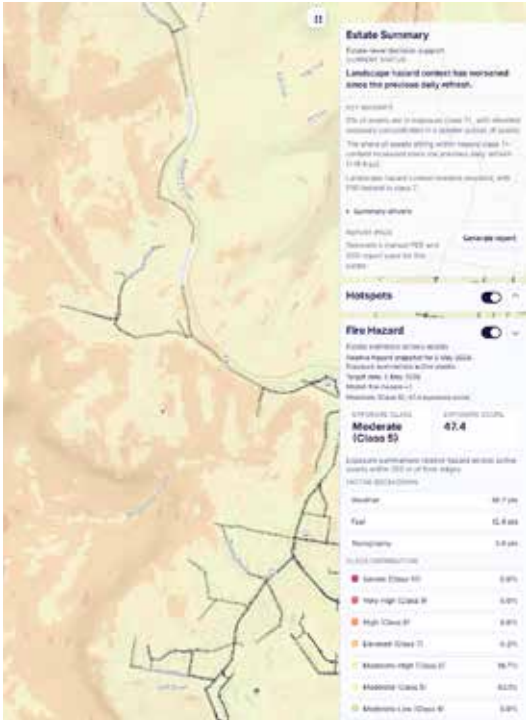
- 2023 Tasmanian Export Awards – Emerging Exporter
- 2024 Tasmanian Export Awards – Emerging Exporter
- 2024 Swiss Business Awards – Rising Star
- 2025 Australian Space Awards – Start-up of the Year
- 2025 Tasmanian Export Awards – Technology
- 2026 Australian Space Awards – Finalist, Earth Observation Program
- 2026 Australian Space Awards – Finalist, SME of the Year
- 2026 Australian Space Awards – Finalist, Female Space Leader of the Year — CEO



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MARITIME

LAND

AIR

SPACE

ICT

R and E

Products and services

- Vast (> 1,000km²) photorealistic synthetic environments for mixed reality (MR) and virtual reality (VR).
- Next-gen situational awareness and decision-making tools.
- Instant rapid response, incident simulation and training.
- Next-gen 1:1 scale MR mission rehearsal systems.
- Real-time scenario visualisation with on-the-fly data feeds.
- Customisable, spatial 3D user interfaces with dynamic video feeds for MR/VR headset deployment.
- Orbital, deep space and planetary surface visualisation.

Capabilities

- MR/VR/augmented reality (AR) ideation and software development.
- MR/AR consultancy.
- Industry-defining photorealism.
- User experience design core for instant (intuitive) immersion.
- Geo-persistent placement of extended reality (XR) scenes in real-world locations.
- 3D terrain mapping for MR/VR development.
- Remote XR-based collaboration tools with spatial personas.

Competitive discriminators

- Australia's most advanced mixed reality developer.
- World-leading, massive-scale photorealistic environments for virtual/mixed reality at millimetre level of detail.

- Dynamic streaming of 3D content for near-infinite (continuous) VR and mixed reality MR experiences.
- Instant access to any real-world location in photorealistic 3D.
- XR mode-switching for unique user-controlled viewports.
- Industry-defining XR optimisation for off-the-shelf hardware, allows for enabling affordable and rapid deployment.
- Strong industry ties to Silicon Valley elite.

Key customers

- Australian Defence Force (DSTG/SOCOMD)
- Australian Army
- PwC
- State and territory governments including (ACT, NSW, VIC, TAS)
- Telstra

Awards

- 25+ international awards
- 4x Honoree at Webby Awards (International)
- Telstra Business Awards winner (National)
- 5x Summit Creative Awards winner (International)
- 3x W3 Awards winner (International)
- 4x Communicator Awards winner (International)

handbuilt.

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MARITIME

LAND

AIR

SPACE

Products and services

- Manual and CNC machining, welding and fabrication.
- CNC waterjet cutting, and gas profile cutting.
- 3D printed fibre reinforced and composite plastics.

Capabilities

- Haas VF 3 and VF 4 CNC vertical mills (dimensional capacity up to 1,100 X 600 X 550).
- Haas ST-30SSY and SL-30 CNC lathes (300mm chuck and 760mm swing).
- Omax Maxiem 1530, 5 axis CNC waterjet cutter (3,000mm x 1,500mm and 0°– 60° angle cutting).
- Durma AD-S 30135 9 axis press brake (135 tonne, 3,000mm bed, 450mm throat).
- CNC tube bender (up to 80mm diameter).
- MMA, MIG, TIG and low hydrogen welding and silver soldering.
- Pressure testing up to 6,000 PSI.
- 3D printed composite plastics (up to 350 x 320 x 325 print volume).
- 3D printed continuous fibre reinforced composite plastics (up to 330 x 270 x 200 print volume).
- Product design, development and modelling.
- 3D scanning and reverse engineering.

Competitive discriminators

- Comprehensive manual and CNC machining capabilities.
- Comprehensive metal fabrication capability.
- A one-stop-shop for metal machining and fabrication.
- Cutting edge 3D printing capability and material selection suitable for prototyping, component validation and production.

Key customers

- Caterpillar Machinery in Australia, Thailand, India and United States of America
- Elphinstone Pty Ltd
- Harvest Moon
- Huon Aquaculture
- Interdiction Logistics
- PCR Engineering
- Premium Fresh Tasmania Pty Ltd
- SED Manufacturing Services
- Sewell Sweepers

Quality accreditations

- Working towards ISO 9001:2015 – Quality



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MARITIME

LAND

AIR

SPACE

Products and services

- Passive RF Space Domain Awareness capability.
- Electronic Warfare.
- Signal and Communication Intelligence.
- Radar portfolio (Land, Sea, Air, Space).
- C-UAS.
- Software Systems (C2, Mission Management, CMS).

Capabilities

- System Integration and Engineering Services.
- Design, manufacture and assembly.
- Sustainment Services.
- Certified training.
- Repair, overhaul and calibration services.

Competitive discriminators

- Sovereign business operations and control.
- Innovation incubator and commercialisation.
- Project Management.
- Supply support, warehousing and procurement.
- Field service operators, technicians and maintainers.
- Third party repairs.

Key customers

- Australian Defence Force
- Australian Government Agencies
- New Zealand Defence Force
- New Zealand Government
- Private Industry
- United States Space Force

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 45001:2018 – Safety
- ISO 14001:2015 – Environment
- DISP Accredited



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MARITIME

LAND

Products and services

- Supply and support of scientific instrumentation, equipment and consumables.
- Provision of a wide range of laboratory equipment and supplies to government, research, industry and academia.
- Specialist supplier of subsea instrumentation for defence, oceanography, coastal and marine science, environmental monitoring, industry, research and academia.
 - Precision surface and subsea measurement instrumentation for physical, acoustic, optical, chemical, gaseous, optical radiation and nuclear radiation parameters.
 - Subsea acoustics and navigation solutions for communications and data telemetry, detection, and navigation in GPS-denied environments.
 - Bespoke surface data buoys and water column moorings with custom measurement parameters and data telemetry.
 - Uncrewed, remote and autonomous surface and subsea vessels designed for a broad range of applications.
 - Underwater cabling solutions including electro, electro-mechanical and optical cables for static and dynamic applications.
 - Ship winches and launch and recovery systems for scientific instrument suites, towed systems, remote or autonomous vehicle deployment and recovery.
 - High-resolution underwater imagery and lighting - video and still camera systems.

Capabilities

- Full in-house engineering, support and calibration services.
- Ongoing training, support and maintenance contracts to ensure confidence in your data, with remote and on-site services available.
- Instrumentation and integration specialists providing bespoke designs and reliable, end-to-end solutions.
- Cable design and manufacture, including connector moulding.

Competitive discriminators

- Privately owned Tasmanian company with office and engineering facilities in Hobart.
- Continuous operation in Australian scientific fields for over 50 years, offering only highest-level equipment.
- Supporting customers throughout Australia, New Zealand and Southeast Asia.
- Facilitation of factory-based training for sales and engineering staff to ensure up-to-date knowledge.

Key customers

- Department of Defence, RAN Hydrographic office.
- Defence Science and Technology Group.
- Port Authorities nation-wide and internationally.
- Private environmental consultants throughout Australia and New Zealand.
- Research organisations including the Australian Antarctic Division, Australian Institute of Marine Science, SARDI, Cawthron Institute, Earth Sciences and CSIRO.
- Universities across Australia and New Zealand.



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MARITIME

Products and services

Incat Tasmania is a global leader in the design and construction of aluminium passenger and vehicle ferries. For the past four decades, Incat has been at the forefront of innovation in the shipbuilding industry and is now leading the world in the transition to low emission maritime transport and constructing the world's largest battery electric ferries.

Capabilities

- In-house design and construction.
- Lightweight aluminium vessel construction.
- Range of vessel configurations, fit-out and performance variations.
- Wave piercing catamaran design resulting in a smoother ride overall.
- Only shipyard in Australia capable of producing zero emission ships in a net zero state.
- Capacity to produce multiple vessels every year.

Competitive discriminators

- Strong reputation for innovation and excellence in the shipbuilding industry.
- Over 40 years of experience in designing and constructing aluminium vessels.
- Largest commercial shipyard in Australia – 5 construction halls and more than 70,000m² of undercover production area.
- Entire vessel built in Australia.
- World renowned for vessel quality, reliability, and longevity.
- Around 100 Incat-built vessels in operation across the globe.
- Delivering the world's most advanced aluminium electric shipbuilding program.

Key customers

- Commercial Ro-Pax ferry operators
- Military/Defence
- Off-shore support operators

Quality accreditations and awards

- Australia's Best Managed Company Award 2023 and 2024 – Deloitte Private's Best Managed Companies Program
- First Large High-Speed Ferry Powered by LNG – Shippax Awards
- Large Employer of the Year 2022 – Tasmanian Training Awards
- Outstanding Contribution in Industry and Commerce – Advance Australia Awards
- Ship of the Year 2020, High Speed Ferry – Cruise and Ferry Awards
- Winner of eight Exporter Awards – Tasmanian Export Awards
- Winner of prestigious Hales Trophy 3 times – Fastest Atlantic Crossing by a Commercial Passenger Vessel



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MARITIME

LAND

AIR

SPACE

ICT

R and E

Products and services

- Indicium Dynamics provides AI-powered environmental monitoring solutions that integrate sensors, cameras and real-time data into a single platform for rapid, rugged and intelligent decision support:
 - Real-time data integration platform (INDICIUM Stack)
 - AI-powered situational awareness
 - Sensor and camera networks for rugged, remote deployments
 - Custom integrations for common operating platforms
 - Mobile platform for rapid field deployment.

Capabilities

- Rapid deployment of scalable, secure monitoring systems.
- Integration of diverse sensor, camera, and telemetry data.
- AI and analytics for predictive insights and early warning.
- Operates in low-power, low-connectivity and harsh environments.
- Experience with public sector, utilities, and natural resource clients.

Competitive discriminators

- Offers a complete, modular system: from sensor deployment to AI analytics dashboard visualisation and systems integration.
- Proven ability to deliver mobile, off-grid monitoring systems that perform reliably in remote, harsh, or low-connectivity settings.
- Advanced analytics and computer vision provide real-time alerts for critical risks such as fire, environmental hazards, or defined anomalies.

- Designed to integrate with a wide range of hardware, communications networks and legacy platforms, supporting seamless interoperability across defence assets.
- Technology scales from compact field units to facility-wide or regional deployments, supporting diverse operational needs across land, sea and infrastructure contexts.
- Tasmanian-based team with on-ground knowledge and experience delivering critical monitoring solutions nationwide, supported by secure Australian-hosted cloud infrastructure.

Key customers

- Break O'Day Council
- Devonport City Council
- Enernet Global (USA)
- Hobart Airport
- Hobart City Council
- Launceston City Council
- Parkes Shire Council
- Powerco (New Zealand)
- Sustainable Timber Tasmania
- Tasmanian Irrigation
- TasWater
- University of Tasmania

indicium
dynamics

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MARITIME

LAND

Products and services

- Specialists in CNC machining, manufacturing components from a range of materials for various industries including food processing, mining (part of Caterpillar's supply chain), aquaculture, marine and transport.
- Products and services include: CNC and manual machining; flame type profile cutting of plate; fabrication of small to medium parts and painting.
- Finished components are packaged to customer specifications including VCI to enable long shelf life and protection during transport and storage.

Capabilities

- CNC vertical machining centres have a 4-axis milling envelope of: X – 1,300 mm; Y – 670mm and Z – 625mm.
- CNC horizontal live tool lathes have a 3-axis operating envelope of: maximum turning diameter – 460mm (X); maximum turning length – 658mm (Z); and bar working diameter – 81mm.
- Profile cutting – Oxy fuel profile cutting of plate from 16mm to 230mm.
- Fabrication – MIG and TIG fabrication of small-to-medium components to requirements, weld procedures and pre-heat processes.

Competitive discriminators

- Triple ISO certified for Quality, Environment and Safety.
- Management team has a combined 70 years of experience in the CNC manufacturing space with an additional 10 years of experience in quality systems and data management.
- On time ship and rejected parts per million statistics for the past 12 months for a major global customer: On time ship = 93%, rejected parts/million = 0.

- Team is committed to a safe work culture with over 4,000 days lost time injury free.
- Reputation for achieving complex multi-process manufacturing projects that others simply will not attempt. Developed strong relationships with partners offering hardening, plating, chroming and cylindrical grinding of parts produced.
- Utilise the latest Fusion 360 modeling and manufacturing software.
- Developed own in-house ERP and compliance software systems, providing a competitive advantage as no need to conform with off-the-shelf systems. Ability to adapt software hand in hand with business processes.
- Proactively manage continuous improvement and eliminating waste.

Key customers

- Castings Tasmania
- CAT
- Direct Edge Manufacturing
- Elphinstone
- Simplot
- SRX Energy Solutions

Quality accreditations

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety



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MARITIME

LAND

Products and services

The Jayben Group is a leading OEM and AFM business specialising in powertrain products and light to medium industrial plant and equipment. With an integrated approach, we deliver excellence through cutting-edge R&D, precision engineering, global distribution, and continuous improvement. Our advanced manufacturing processes, including ISO 3834-certified fabrication, precision machining, and rigorous quality testing to ensure exceptional reliability and performance. Driven by innovative technology and deep expertise, we transform ideas into high-performance solutions that power industries worldwide.

Capabilities

- Precision fabrication of structural and mechanical components.
- CNC machining for high-accuracy parts.
- Wire EDM cutting (+/- 0.005mm).
- Custom fitting and assembly of mechanical and electrical systems.
- Pump rebuilds, equipment overhauls, refurbishment and testing.
- Integration of control systems, harnesses, and painted finishes.
- Welding of complex materials, backed by a formal weld quality management system (ISO 3834 compliant).
- In house engineering capability, Mechanical, Electrical, Mechatronics and Civil, 3D design, FEA, Mechanical and Structural Analysis.

Competitive discriminators

- ASDEFCON strategic level 2 authorised subcontractor experience.
- Proven supplier to global specialist vehicle OEM's for > 20 years.

- Local manufacturer — Sovereign Capacity and Capability.
- Design, development and testing partners to OEM vehicle manufacturers.
- Provide 3D modelling and FEA analysis of prototype components.
- Currently exporting to six destinations, including the U.S.A., Europe and India.
- 99 years drivetrain component manufacturing.

Key customers

- Boeing/Insitu Pacific
- Caterpillar
- Dana
- Downer
- Elphinstone
- Fortescue
- Fulton Hogan
- Grange Resources
- Motion Australia
- Road Tek/Queensland Government
- Walterscheid Powertrain

Quality accreditations and awards

- ISO 9001:2015 – Quality Joscar Registered.
- ISO 3834 – Manufacturing Welding Quality Certification
- 2024 Tasmanian Fabrication company of the year at the Weld Australia awards night.
- ISO 1940 – Mechanical Vibration Quality Standard
- ISO 13849 – Safety with Machinery Control System



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MARITIME

Products and services

- LSA are designers and manufacturers of inflatable inclined slide Marine Evacuation Systems (MES) providing direct liferaft access.
- Variants of the LSA system now include MES evacuation slides from 9 to 22 metres in association with 115, 100 and 50 person life rafts.

Capabilities

LSA MES have many features which provide advantages for military vessels.

These include:

- being compact and lightweight
- the ability to safely and rapidly transfer all personnel, with approved system ready to use in less than 60 seconds
- the ability to evacuate injured personnel including stretcher cases
- the ability to evacuate 600 persons per MES station in less than 30 minutes
- the ability to operate in all environments, with successful testing for functionality in temperatures ranging from -30C to +65C
- a reduced radar signature.

Competitive discriminators

- Easy to install, simple to use, cost-effective to own.
- No requirement for any winches, electrical supply or complicated hydraulics.
- Installations tailored to the unique requirements of each vessel and customer.
- Over 30 years designing, refining, manufacturing and installing MES.

Key customers

- BAE Systems – UK and Australia
- Finnish Navy
- Royal Canadian Navy
- Royal Navy (UK)
- Royal Netherlands Navy
- Royal New Zealand Navy
- US Navy

Quality accreditations and awards

- ISO 9001:2015 – Quality
- Full SOLAS Type approvals from:
 - ABS and DNV covering EC Marine Equipment Directive, UK Marine Equipment Regulation and Transport Canada approvals
 - United States Coast Guard



LIFERAFT SYSTEMS AUSTRALIA

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MARITIME

LAND

AIR

SPACE

ICT

Products and services

- Direct-strike lightning protection for structures, open areas and vessels.
- Wide range of earthing/grounding products and solutions.
- Surge protection, including for sensitive electronics.
- Lightning warning and advanced alert system.

Capabilities

- Design and manufacture of lightning protection solutions.
- Provision of suitable technology and standards compliance depending on the application and exposed risk factors.
- Design capabilities for placement of direct-strike protection, depending on the application and international standards.
- Professional consultancy services for lightning risk analysis and mitigation in compliance with international standards.
- Earthing designs and testing in compliance with international standards.
- CDEGS modelling of lightning impacts on structures and behaviour underground.
- Certification and testing of lightning protection systems.

Competitive discriminators

- LPI® is one of the few companies globally that offers innovative lightning protection technologies compliant with international standards.
- It holds a unique patent for a lightning down conductor cable that withstands 500 kV, providing a competitive advantage in high-risk applications like vessel protection.
- Extensive R&D and rigorous testing allow LPI to deliver solutions for extreme conditions in high-lightning areas. LPI were the first to test corona effects on air terminals in a high-altitude, high-voltage facility.

- LPI® provides complete solutions for direct strike protection, earthing, and surge protection, primarily manufactured in its state-of-the-art facility.
- Customers are located in over 85 countries in some of the most lightning-prone regions in the world.

Key customers

- Indonesian Navy
- Malaysian Police Academy
- Oil and gas or petrochemical facilities
- Singapore Police Coast Guard
- Telecommunication operators in Asia, Africa, Central and South America and Australia (including Telstra, Vodafone, Optus and NBN Co.)

Quality accreditations and awards

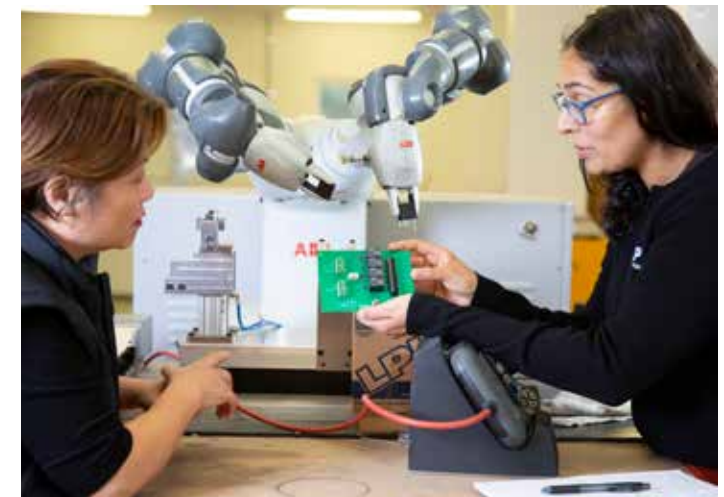
- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- Winner of Tasmanian Exporter of the Year 2006
- Winner of Tasmanian Export Awards (various categories) in 2006, 2007, 2009, 2019, 2021, 2022, 2024 and 2025
- High Commendation at the Australian Engineering Excellence Awards (Engineers Australia) in 2016



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AIR

Products and services

- Made By Ignite is the contract manufacturing arm of the award-winning Ignite Digi, designer and manufacturer of high-quality products, parts and cables for the global film/TV industry.
- Specialists in camera control systems, lightweight parts, product design and assembly.
- Made By Ignite specialises in intricate and high-tolerance 3- and 4-axis CNC machining of aluminium, steel, copper and other materials.
- Produces circular connector cable assemblies.

Capabilities

- A team of highly trained engineers, with in-house manufacturing capabilities, able to design and manufacture prototypes through to production runs of complex machined parts.
- Manufacturing capability includes 2 x OKUMA MB4000H 4-axis CNC mills with 10 tombstones each, providing work holding flexibility and unmanned overnight machining capacity. Dimensional capacity 400 x 450 x 450mm.
- 1 x OKUMA M560e 3-axis CNC mill for larger billet. Dimensional capacity 1,000 x 560 x 460mm.
- Hexagon 06.10.06 Explorer Performance coordinate measuring machine (CMM) with multi-probe capability to ensure delivery on tight tolerances.
- Dimensional capacity 734 x 144 x 794mm, 300kg, 0.005µm system resolution.
- Traceability and revision management.
- 24 hour manufacturing capability with small team.

Competitive discriminators

- Use of ProShop enterprise resource planning software for paperless manufacturing workflow, and quality records and traceability.
- Automated production cells for unmanned lights-out machining.
- Coordinate measuring capabilities for part verification in-house.
- 13 years of business operation in Tasmania.

Quality accreditations and awards

- 2021 Tasmanian Export Awards – Manufacturing & Materials
- 2019 Tasmanian Export Awards – Manufacturing & Materials



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MARITIME

LAND

Products and services

- Precision manufacturing: Using CNC technology to produce parts with tight tolerances and high accuracy.
- Multi-axis capabilities: Machines capable of 3, 4 or 5-axis operations to create complex geometrics.
- CAD/CAM integration: Seamless integration with computer aided design (CAD) and computer aided manufacturing (CAM) software for efficient workflow.
- Quality control: Rigorous inspection processes to ensure precision and adherence to specifications.
- Prototyping and production: Capable of both prototype development and high-volume production runs.
- Custom fabrication: Tailored fabrication solutions to meet specific customer requirements.

Capabilities

- Three 5-axis CNC machining centres.
- Two 3-axis CNC machining centres.
- Three CNC lathes with live tooling.
- Two CNC lathe turning centres.
- CNC profile cutting.
- Robotic welding cell.

Competitive discriminators

- Supplier of manufacturing services to Australian and international OEM customers since 2002.
- Certified and currently exporting to international customers since 2013.
- Collaborate with key customers to provide one-off prototypes and production schedules to meet tight deadlines.
- Local management and qualified staff with a high focus on quality and lean manufacturing.

Key customers

- AQ1 Systems
- Bluestone Mines
- Caterpillar Underground Mining
- Direct Edge
- Elphinstone Group
- Epiroc
- Grange Resources
- William Adams

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environmental
- ISO 45001:2018 – Safety



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MARITIME

LAND

AIR

Products and services

Mirador Capability Solutions is a strategic management consultancy serving Defence and Defence Industry.

We deliver tailored services in strategic planning, program design, capability lifecycle integration, and assurance across Defence capability and infrastructure assets.

Our core services:

- Strategic Advisory Services
- Program and Project Design Services
- Strategic Assurance & Monitoring
- Capability Development Services
- Organisational Transformation.

Capabilities

- Strategic planning and foresighting tailored to Defence capability development.
- Defence and maritime infrastructure master planning and program design.
- Capability lifecycle integration across all Fundamental Inputs to Capability (FIC).
- Strategic assurance, governance frameworks, and performance monitoring.
- Proprietary foresighting framework enabling decision advantage in complex Defence environments.
- Deep expertise in Defence infrastructure systems.

Competitive discriminators

- Deep understanding of Defence infrastructure and capability systems.
- Experienced in delivering a portfolio of over \$3.1 billion of Defence infrastructure.
- Proprietary foresighting framework tailored to Defence and Defence Industry.
- Veteran owned.



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MARITIME

Products and services

- Muir designs, manufactures and supplies anchoring systems, chain management systems and mooring equipment to leading commercial shipyards, navies and coastguards globally.
- Muir has set industry standards and benchmarks for heavy-lift anchoring systems internationally, based on practical experience, uncompromising engineering principles and quality Australian input materials.

Capabilities

- Muir works closely with naval architects, builders and engineers to design and manufacture complete anchoring systems for naval and commercial vessels up to 160 metres.
- Anchoring systems are comprehensively tested to Class or Type Approval when required.
- Proven and tested designs that can be customised to suit specific customer requirements.
- Continued focus on R&D, which has seen the progression and expansion of high power-to-weight ratio equipment that is dependable.

Competitive discriminators

- Over 50 years of design and manufacturing anchoring systems for long-lasting performance in tough marine environments.
- Comprehensive quality assurance systems ensure durability and safety. Muir's winches, windlasses and deck equipment are respected for their design quality and performance.
- Exclusive provider for established recreational and commercial brands including Riviera, Maritimo, Australian Naval vessels and Feadship.
- Approved and certified by all leading classification societies including Lloyds, Bureau Veritas, DNV and American Bureau of Shipping.

- National network of experienced sales managers and a trusted international distribution network.
- Global service coverage with agents in USA, Europe and Asia.
- All manufacturing completed in Hobart, Australia factory by skilled craftsmen using highest quality materials and proven designs.

Key customers

- ABG Shipyard – India
- Austal Ships
- Australian Defence Industries
- Birdon Group
- Damen Naval (Via Belship BV)
- Grandweld Shipyard – UAE
- Larsen & Toubro – India
- NQEA – Australia
- NVL – Luerksen Australia
- Otto Perl
- Richmond Shipyards – Canada
- Royal Bahamas Defence Force
- Thales
- US Coast Guard
- Yonca Onuk - Turkey

Quality accreditations

- ISO 9001:2015 – Quality
- DNV, ABS welding certification
- Type and product approval capabilities for all class societies



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MARITIME

LAND

Products and services

- Norfolk Blinds manufacture marine anti-glare blinds and screen solutions for both the accommodation and bridge/navigation areas of ships and also for civil uses.
- DNV Type approved anti-glare Haverkamp 10R films used for the blinds for ships bridges.
- Range of anti-glare roller screens.
- Motorised and manual privacy and UV filtering.
- Crimsafe security panels and screens.

Capabilities

- Internationally certified product available in Tasmania.
- Over 30 years' experience in manufacturing.
- Volume producers.
- Modern computerised facility with state-of-the-art machinery and equipment.

Competitive discriminators

- Australian made product manufactured for extreme conditions.
- Fast local service.
- Advantage of local maintenance.
- Lean manufacturing practitioners.

Key customers

- Incat Tasmania
- Ninja Asset Protection
- Port of Newcastle
- Richardson Devine Marine
- Spirit of Tasmania Ferries
- TT-Line

Quality accreditations

- Using DNV approved film with Certification
- Externally audited to meet or exceed NBQA-2000 standards
- Lean manufacturing practitioners
- Masters Security Licence #000110047



Contact details

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Norfolk Blinds Pty Ltd

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MARITIME

ICT

R and E

Products and services

- Design and manufacture of precision acoustic instrumentation for defence, hydrography, offshore energy, ocean science and environmental monitoring.
- Instruments include:
 - Doppler Velocity Logs (DVLs)
 - Precoupled DVL and Inertial Navigation System (DVL/INS)
 - Acoustic Doppler Current Profilers (ADCPs)
 - Acoustic Wave and Current Profilers (AWACs)
 - Acoustic Doppler Velocimeter (ADV).
- Instrument integration support, commissioning, training, calibration and technical services.
- Software for mission planning, deployment configuration, real-time monitoring and post-processing.

Capabilities

- Compact, high-accuracy navigation for AUV, ROV and USV platforms.
- Robust subsea instrument designs with low power requirements for long-term autonomous seabed deployments.
- Current profiling measurements from shallow coastal waters to full ocean depth.
- Wave height, direction and period measurements.
- Real-time current, wave and turbulence measurements.
- Integration with defence, research and commercial marine systems.
- Global calibration, servicing and technical support.

Competitive discriminators

- 30 years of experience in the industry.
- Australian-based workshop and service centre.
- Industry-leading Doppler acoustic technology.
- Proven performance in demanding environments.
- Extensive defence and scientific experience.
- Global manufacturing and support network.
- Continuous investment in product innovation.
- Strong local technical support backed by global engineering resources.
- Trusted supplier to government, defence, research and commercial organisations.

Key customers

- Autonomous marine vehicle manufacturers
- Defence organisations and contractors
- Environmental monitoring agencies
- National hydrographic offices
- Offshore energy and renewables sector
- Port authorities and dredging companies
- Survey and marine engineering companies
- Universities and marine research institutes

Quality accreditations and awards

- ISO 9001:2022 – Quality
- ISO 14001:2015 – Environment



Contact details

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MARITIME

LAND

AIR

SPACE

ICT

Products and services

- Novaris specialises in the design, manufacture and testing of surge protection and filtering solutions for applications across Land, Sea, Air and Space. Our solutions are engineered to safeguard systems from electrical transients, lightning strikes and electromagnetic interference.
- Products and services include:
 - Surge protection devices for power, data and RF.
 - Filtering solutions for AC/DC, UPS and critical systems.
 - Prototyping, testing and compliance.
 - Lifecycle support and technical consulting.

Capabilities

- Engineering and customisation expertise – specialist surge protection design tailored to complex systems.
- Tailored Solutions – designed to meet domain-specific and platform-specific challenges.
- Certified defence manufacturing – IPC-620 certified technicians ensure defence-grade build quality.
- Secure production facilities – controlled site with security protocols suitable for defence supply.
- Prototyping and compliance testing – rapid development cycles with in-house testing.
- Ruggedised ADF Solutions – field-deployable products engineered for Land, Sea, Air and Space.

Competitive discriminators

- 100% Australian owned with an established and stable history for 25+ years.
- Sovereign design, engineering and manufacture.
- End-to-end capabilities span design, support and advanced local manufacturing.

- Rigorous quality assurance, ensuring compliance with the military (MIL-SPEC), VG 96927, IPC and ISO 9001 standards.
- Rapid prototyping and short lead times.
- Strategic location.
- Established defence industry integration.

Key customers

- Australian Government – Defence and Foreign Affairs
- BAE Systems
- Boeing
- CEA Technologies
- Daronmont Technologies
- Kongsberg Defence Australia
- Lockheed Martin
- NASA
- Raytheon Australia
- SAAB
- Thales

Quality accreditations and awards

- ISO 9001:2015 – Quality
 - SIL Certification
 - IECEx
 - Tasmanian Export Awards
 - Training Industry Awards
- Made in Australia Licence ID: 19481



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MARITIME

AIR

ICT

R and E

Products and services

- Ocean Infinity delivers safer, faster and smarter maritime operations built around integrated capabilities that deliver real-world outcomes.
- Fully integrated, end-to-end solutions that combine world-class people, deep operational expertise, cutting-edge hardware, intelligent software, and advanced analytics, including:
 - Deep and shallow water survey, salvage, UXO, asset and infrastructure inspection and monitoring
 - High-resolution surveys for site investigation, navigational safety and structural integrity.
- We deliver platforms and services for Government, Defence, and Industry clients, including:
 - Remotely Operated Vehicles (ROV)
 - Autonomous Underwater Vehicles (AUV)
 - Uncrewed Surface Vessels (USV)
 - Offshore Support Vessels
 - Survey Vessels.

Capabilities

- Design, build and own critical capabilities across maritime autonomy, data and operations.
- Geotechnical, Geophysical, Hydrographic and Marine Geospatial Survey.
- Maritime operations: fully integrated, configurable surface and subsurface in complex marine environments.
- Remote capabilities: secure, remote and autonomous operations delivered through proprietary systems, software and onshore operations centres.

Competitive discriminators

- World's largest fleet of uncrewed, optionally-crewed and lean crewed surface vessels.
- Globally-deployable AUV and ROV fleet, including mobilisation on offshore support vessels and fly-away systems for vessels of opportunity.
- Proprietary IP integrated across real-world operations, enabling superior accuracy in harsh marine conditions
- Autonomous and remote-first workflows that reduce offshore crew risk and improve sustainability.
- AI and machine learning applied to one of the world's largest ocean data catalogues and lakes, enhancing detection, classification, and decision-making

Key customers

- Allied Defence and Government Agencies
- Commercial Oil and Gas
- Federal government and state government agencies
 - Australian Government Department of Defence
 - Geoscience Australia
 - HydroScheme Industry Partnership Program
 - Land Information New Zealand
- Port and harbour authorities
- Renewables & Offshore Wind
- Scientific and Research Sector

Quality accreditations and awards

- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- ISO 9001:2015 – Quality



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MARITIME

Products and services

- High speed support vessels and marine crew.
- Offshore support tugs and marine crew.

Capabilities

- Supply of modern vessels and certified crews to support defence and offshore operations, survey, search and rescue, crew and stores transfers.
- Vessels available throughout Australian ports.

Competitive discriminators

- New Australian built vessels, high speed, locally trained crews.
- Local management, support facilities in Hobart and Exmouth.

Key customers

- Hydrographic survey organisations
- Oil and gas industry
- Other customers available on request

Quality accreditations

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- ISN HSE A Grade



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MARITIME

LAND

Products and services

- Penguin Composites has the capability to manufacture in a variety of processes including hand-layup, resin infusion, resin transfer moulding, silicone bagging and filament winding.
- Products include:
 - glass reinforced plastics, carbon, kevlar, composite laminates
 - vehicle panels and fuel tanks for defence
 - special applications i.e. mast bases, pressure vessels, escape slides, carbon fibre laminates
 - fire shields, piping
 - weight reduction and anti-corrosion projects
 - marine structure rehabilitation
 - special purpose structures such as igloos
 - USV manufacturing.
- Services offered by the company include composite design, prototyping, tooling, part production and repairs.

Capabilities

- Composite fabrication (including carbon).
- Hand-layup.
- Resin infusion/silicone bagging.
- Resin transfer moulding.
- Filament winding.
- Metal fabrication and electrical installation.
- APAS painting.

Competitive discriminators

- Internal governance structures, ERP software, internal quality plans and standard work procedures.
- 2,500 sqm factory space and 40 plus staff.
- Fabricate large volume parts.
- Aftermarket support.
- Lean manufacturing.

Key customers

- Airport Maintenance Systems
- Caterpillar Underground Mining
- Elphinstone Group
- Grange Resources
- Muirs Windlasses
- State and local governments
- Thales Australia (Hawkei project)

Quality accreditations

- ISO 9001:2015 – Quality



PENGUIN
COMPOSITES

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MARITIME

LAND

AIR

R and E

Products and services

- Nationwide supply, installation, training and lifetime support of world-class Baykal fibre laser cutting machines, Baykal press brake machines, and Flow waterjet machines.
- Comprehensive service network with skilled technicians strategically positioned nationwide, ensuring prompt assistance for all capital cities.
- Design and manufacture of abrasive sludge removal systems, which eliminate downtime and mess associated with removing garnet waste.

Capabilities

- Supply of high-precision, state-of-the-art CNC technology: Baykal fibre laser cutters, Baykal press brakes, and Flow waterjet machines for a broad and versatile range of material applications.
- Tailored solutions: Custom configurations to meet industry-specific needs and boost production.
- Educational support: High-quality, safe machinery with comprehensive training for educational set-ups.
- Industry-specific applications: Specialised solutions for aerospace, defence, construction, and more.

Competitive discriminators

- Nationwide technician network: Highly trained service technicians across Australia for prompt and efficient service.
- Efficient spare parts supply: Over \$2 million worth of critical components and consumables stocked in all eastern states, ready for next-day dispatch.
- Custom testing and validation: Test cutting capabilities with accurate costings for customer process validation.

- Proactive maintenance: A preventative maintenance program is included with every installation to ensure long-term reliability.
- Experienced provider: Over 20 years of industry experience, offering dependable and innovative solutions.
- Australian owned: Proudly 100% Australian-owned and operated, committed to supporting local industries and customers.

Key customers

- AEP Engineering
- ASC
- CSR
- Department of Defence
- Direct Edge
- Frontline Manufacturing
- QinetiQ
- Rheinmetall
- University of Western Sydney



PERFORMATEC
PERFORMANCE MANUFACTURING TECHNOLOGIES

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MARITIME

ICT

R and E

Products and services

Our specialty: Portable Navigation and Shiphandling Simulation Systems.

- CONTAINERSIM: Full mission bridge navigation and shiphandling simulator configured as a ship's bridge inside a standard shipping container.
- SIM-IN-A-BOX: Our most portable simulator built within a sturdy transport case for easy mobility; works with a large external screen, VR headset, or both.
- VR SIMCHAIR: Motion chair simulator with a VR headset.
- RHIBSIM: Rigid-hulled inflatable fast craft simulator.
- MULTISIM: Multipurpose desktop simulator.

Capabilities

All Pivot simulators are designed for use on land or on ships, where the actual ship and its operating environment are modelled with scientific accuracy and visual realism:

- Easily customisable to meet client requirements, with an extensive database of sophisticated ship models and port/sea areas.
- Deployed for operations requiring a high level of accuracy and realism, including mission rehearsals, vessel familiarisations, safety risk and competency assessments, and ship design and performance evaluation.
- Designed for global reach: Configured into compact units for ready transport to any location; accessible on the cloud, using real-time data, through fast and reliable internet connections.

Competitive discriminators

- The only Australian manufacturer of maritime simulators.
- Producers of robust intelligent simulators, built for portability, for use on land or any ship to keep people in peak performance wherever they may be.
- Systems range from small-craft RHIB simulators to full mission multipurpose bridge simulators.
- They come as small as a travel case to as big as a 40-foot shipping container.

Key customers

- Commercial shipowners
- Defence forces (navy and army) of Australia and allied countries
- Maritime ancillary service providers
- Maritime regulators
- Maritime and military training institutions
- Port engineering consultants
- Ports and port authorities.

Awards

- Australian Defence Industry Awards (Innovator of the Year – Individual), 2023
- AIIA National iAwards (Business and Industry Solution), 2022
- IndoPacific SME Innovation Awards, High Commendation 2022
- TasICT Excellence Awards (Innovation, Exporter of the Year) 2021, 2022
- Pacific 2015 Maritime Industry Innovation Awards (Civil SME)
- Australian Export Awards (SME), 2009, 2010



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MARITIME

LAND

AIR

SPACE

Products and services

PT Motorsport is an experienced Tasmanian designer and manufacturer of wiring and interconnection solutions, including:

- Wiring harness design, fabrication, and repair.
- Power distribution system design, fabrication, and repair.
- Design and supply custom electronics.
- The company is a supplier of hardware:
 - M22759/32 and M81044-12 wire
 - Deutsch and military-specification connectors
 - Wire sheathing supplies
 - Wiring harness fabrication consumables
 - Power distribution hardware
 - CAN bus keyboards, displays and other hardware.

Capabilities

- End-to-end wiring harness design, manufacturing and implementation, plus maintenance and repair.
- In-house CAD and 3D modelling and rapid prototyping via 3D printing and CNC machining.
- Bespoke printed circuit board design.
- Integration of new and old systems.
- Bespoke CAN bus solutions and integrations.

Competitive discriminators

- Experienced at creating fully customised electronic fuel injection solutions, including the design phase, sourcing of hardware, and construction of a complete solution, with required bracketry and hardware, harness pass-throughs, and custom integration of existing or required systems.
- Large array of low-voltage connectors in stock (Aptiv, Bosch, Furukawa, Sumitomo, TE Connectivity, Yazaki).

- Capacity for high-volume production and bespoke one-off and to-print wiring harnesses.
- 100% Tasmanian owned and operated.

Key customers

- Australian National University
- Carbonix
- ECUMaster Australia
- KonnectKables
- Norm Engineering
- RMIT University
- SoSub
- University of Tasmania

Quality accreditations and awards

In the process of obtaining the following accreditations:

- AS9100D
- ISO 9001:2015 – Quality
- IPC A-600/610/620
- IPC J-STD-001E



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MARITIME

LAND

ICT

R and E

Products and services

- Project and Task Management predominantly within the Maritime Industry.
- Marine Surveys and technical investigations.
- Naval Architecture (full vessel to minor changes).
- Regulatory and Class compliance and assurance.
- Configuration and Asset Management audits.
- Ship Management (acquisition, operation and disposal).

Capabilities

- Specialist engineering expertise, including maritime, mechanical, electrical and naval architecture.
- Project, risk, configuration, maintenance and safety management.
- Scheduling and integrated logistic support.
- Quality and Asset auditing.
- A pool of qualified and highly experienced maritime consultants.
- Offices and personnel throughout Australia including Hobart, Darwin, Brisbane, Perth, Canberra and Sydney.

Competitive discriminators

- Innovative yet fully compliant, pragmatic and value for money outcomes to any maritime related challenge.
- Dependable, sustainable and experience-based solutions suited to the unique needs of Defence industry.
- A highly qualified management team with over 125 years' combined experience in Commercial, Public Service and Naval operation, capability development, delivery and sustainment.

Key customers

- Australian Federal Police (AFP)
- Australian Fisheries Management Authority (AFMA)
- Department of Defence – Capability Acquisition and Sustainment Group (CASG)
- Department of Defence – Defence Science and Technology Group (DSTG)
- Department of Defence – Minor Vessels Systems Program Office (MVSPPO)
- Department of Defence – Naval Shipbuilding and Sustainment Group (NSSG)
- Department of Defence – Royal Australian Navy (RAN)
- Department of Foreign Affairs and Trade (DFAT)
- Department of Home Affairs – Australian Border Force Maritime Capability Sustainment Branch (ABF CMSB)
- Regional Maintenance Centre – West (RMC-W)

Quality accreditations and awards

- Defence Industry Security Program (DISP)
- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- Defence Industry Security Program (DISP)



SEAFORCE
MARITIME • ENGINEERING • DEFENCE

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MARITIME

LAND

Products and services

- Sentinel Boats has over 30 years' experience building vessels capable of performing in the toughest conditions on the planet.
- Sentinel Boats began building commercial workboats that were strong, stable and required minimal maintenance or operational downtime. These unique capabilities have since gained recognition across the defence, law reinforcement and search and rescue sectors.
- Sentinel vessels are in service with the Australian Defence Force, Royal New Zealand Navy, various police forces, and have been included in Australia's military aid contribution to Ukraine. Their vessels are also in operation around Australia with numerous rescue organisations and government departments, as well as commercial operators.

Competitive discriminators

Longevity:

- Expertly crafted using high density polyethylene (HDPE), Sentinel Boats will last 3-4x longer than aluminium vessels in medium to high use environments. Sentinel Boats provide significant whole-of-life operational savings over equivalent aluminium, fibreglass or composite hulls.

Safety:

- The unique vibration dampening qualities and positive buoyancy of HDPE contribute to unrivalled handling, stability and anti-fatigue characteristics. Sentinel Boats are virtually indestructible, with the ability to withstand hard beaching and contact with underwater obstacles that would render other vessels inoperable.

Tailored performance:

- Every Sentinel is custom designed in close partnership with One2Three Naval Architects to meet clients' specific requirements. Vessels are hand-built in Australia by highly skilled craftspeople using proprietary techniques.

Key customers

- Australian Defence Force
- Australian Maritime Safety Authority
- Aquaculture: Huon and Tassal
- New Zealand Defence Force
- State government services: Tas, QLD and NT Police, NSW Marine Rescue, WA Dept. of Fire and Emergency Services and Parks Victoria.
- Ukrainian Armed Forces

Quality accreditations and awards

- ISO 9001:2015 – Quality
- Vessels built to NSCV or class society standards
- Australian Manufacturing Awards 2025 – Defence
- 2023 Prime Contractor of the Year, NZ Minister of Defence Awards of Excellence to Industry
- 2023 Innovative Patrol Boat, Baird Maritime Awards
- Ausmarine: 2020 Best RIB Patrol Boat, 2019 Best Patrol Boat, 2016 Best Aquaculture Support Vessel
- 2016 Aus. Intl. Marine Export Group, Commercial

SENTINEL BOATS

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MARITIME

LAND

AIR

SPACE

Products and services

- In collaboration with shipbuilders, Serco achieves innovative vessel design, build, and modifications. Providing commercial crews to operate support vessels and meet the needs of Defence and Government clients. Serco also provides engineering, maintenance, supply support, and offshore and inshore operations.
- Serco also delivers a number of other services on behalf of governments, including contact centres, facilities management, and healthcare.

Capabilities

- Design, build, operate and maintain (DBOM) ships and small craft.
- Marine support services.
- Acquisition and complex project management.
- Vessel operations and crewing.
- Repair and maintenance.
- Satellite ground segment operations.
- Training Systems.

Competitive discriminators

- Supporting the Australian Defence Force for more than 25 years.
- Turnkey DBOM services with Hobart base of shore support staff and multiple swing crews.
- Antarctic experience.
- Embedded within Tasmania's supply chain.
- Highly qualified and specialist teams.
- Strong safety culture and performance.

Key customers

- Australian Antarctic Division
- Royal Australian Navy

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- ISO 55001 – Asset Management
- ISO 50001 – Energy Management
- Soldier On – Platinum Pledge partner
- 2024 Employer of the Year – Large, Prime Minister's National Veteran Employment Awards
- Recognised as Veteran Employer of Choice by the Department of Veterans' Affairs
- Inducted as a Gold Member in the Defence Reserves Supportive Employer Program by the Australian Defence Force (ADF) Reserves & Employer Support Division



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MARITIME

Products and services

- Southern Ocean Subsea (SoSub) is a leading Australian company specialising in customised subsea systems and Remotely Operated Vehicles.
- Designs, manufactures and maintains ROVs and subsea systems for clients suited to various environments and applications.
- The company's main product, the APAMA ROV, is a highly capable, lightweight ROV designed to meet the aquaculture industry's need for an easy-to-handle and reliable solution.
- Established a state-of-the-art manufacturing plant with Industry 4.0 technologies aimed at commercialising new products.
- Knowledge in scientific research, aquaculture, marine activities, and commercial shipping can be applied to defence projects.
- SoSub collaborated with the Australian Maritime College and Ocius to create 'IDrouge', an autonomous system for deploying and retrieving underwater vehicles at calm depths.

Capabilities

- Research and development of ROV and subsea technologies.
- Hydrostatic pressure testing facility to depth up to 1,000m.
- Design and build of ROVs and as a distributor peripheral equipment.
- Supply of ROV technologies as distributor.
- Customisation of standard machines to requirements.
- Service and maintenance of subsea equipment.
- Subsea connector customisation (down to 6,000m).

Competitive discriminators

- Australian in-house designers and engineers.
- Australian factory and workshops.
- Workshop and fieldwork services.
- Advanced design and engineering knowledge.
- Experience in oil and gas, scientific research and survey, aquaculture, defence, ports and authorities and commercial shipping.

Key customers

- Aquaculture
- Defence supply chain
- Government authorities and regulators
- Private sector companies in primary industry
- Scientific research organisations

Quality accreditations and awards

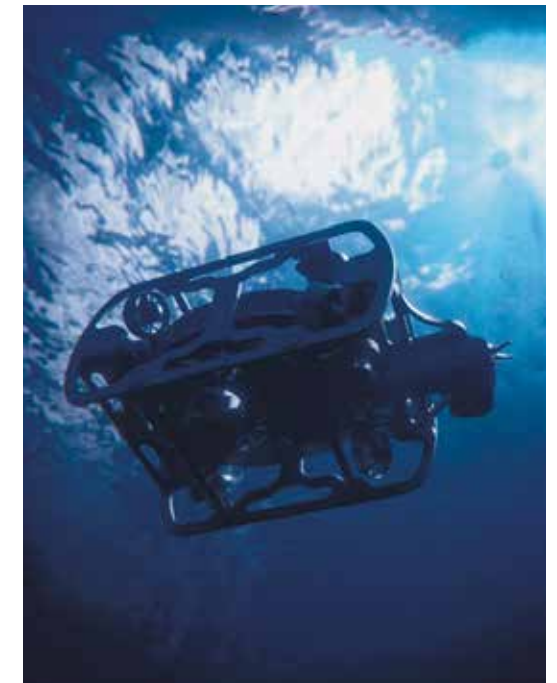
- Committed to quality practices aligned with ISO 9001:2015
- Finalist for the Australian Innovation Competition in 2023
- Finalist for the Innovation Aus Food and Agritech Award in 2024
- Winner of the Tasmanian STEM Innovation Award in 2024
- Best use of ICT in Advanced Manufacturing Innovation Award winner in 2025
- National iAwards Finalist in the Business and Industry Category
- Winner 2025, APICTA Awards (Taiwan), Apama ROV Net Repair System (NRS), Industrial Manufacturing, Supply Chain and Logistics category



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MARITIME

LAND

Products and services

- Custom Solutions: Water treatment systems tailored to meet demanding technical, spatial and regulatory specifications, for reliable operation in critical environments.
- Servicing: Scheduled preventative maintenance and rapid-response repair services to keep systems running smoothly and avoid unplanned interruptions.
- Product Supply: High-quality products from trusted suppliers, selected and configured for specific water quality and operational needs.

Capabilities

- Containerised water treatment plants for defence sites, remote bases and infrastructure projects with access or footprint constraints.
- End-to-end project management design and manufacture through to installation, commissioning and long-term servicing.
- Proven cross sector experience since 1995, delivering solutions for healthcare, commercial construction and building services, food and beverage manufacturing, accommodation and hospitality facilities, data centres and critical infrastructure, sports stadiums and public venues.
- Targeted water quality problem solving for sediment, water hardness and scaling, bacterial contamination, taste and odour issues, manganese and iron staining.
- Solutions across a wide range of critical applications such as mains inlet, process water treatment, renal dialysis, potable water treatment, CSSD, laboratory, rainwater reuse and pathology.
- Selection of proven technologies to meet site-specific performance including reverse osmosis, bag and cartridge filters, multimedia, screen filtration and UV disinfection.

Competitive discriminators

- National presence with office and critical spares warehouse locations in NSW, TAS, QLD and VIC.
- Service and maintenance with 24/7 emergency support and preventative maintenance plan options.
- In-house manufacturing and custom assembly capability
- Import and export capability.

Key customers

- Construction: Fairbrother, Hansen Yuncken, John Holland Lendlease, Multiplex.
- Engineers/Consultants: Northrop, Stantec, WSce.
- Facilities Management: Australian Facilities Group, BGIS, Spotless Facilities Services.
- Government: Department of Defence, Department of Health and Human Services, Hunter Water, NZ Department of Corrections, TasWater, Tasmanian Irrigation Pty Ltd.
- Healthcare: Healthscope, NSW Health, Queensland Health, Ramsay Health, Tasmanian Department of Health.

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 14001:2015 – Environment
- ISO 45001:2018 – Safety
- Watermark (selected products)
- JASANZ (selected products)
- USEPA* and ASME (selected products)



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MARITIME

LAND

Products and services

- Storemasta is committed to making life safer for the use of dangerous goods as a leader in the dangerous goods industry, with trusted risk management, battery and chemical storage solutions.
- Storemasta design and construct an extensive range of dangerous goods storage solutions such as safety cabinets, outdoor chemical storage, gas stores and lithium-ion battery management solutions.

Capabilities

- Tasmanian made: manufactured at our state-of-the-art facility in Burnie, North-West Tasmania stock solutions are rapidly dispatched, with fast, reliable delivery via efficient distribution networks.
- Dangerous goods risk management solutions: Skilled in-house team focused on reducing risk and maximising operational efficiency. Strong commitment to continuous improvement of design and innovation. A 10-Year or Lifetime Manufacturer's Warranty ensures peace-of-mind.
- Legislative knowledge: All Storemasta products meet Australian safety standards. Expertise in dangerous goods regulations and requirements, with comprehensive knowledge of WHS legislation, Australian Standards, industry applications and material handling solutions.
- Service excellence: Family owned and operated with an excellent history and reputation. Dedicated to providing safety and efficiency for users of dangerous goods and a strong culture of applying lean manufacturing principles and commitment to service excellence.

Competitive discriminators

- Providing innovative, quality dangerous goods storage solutions that are proven to reduce risk.
- Australian manufactured, with an established and stable history for 30+ years.

- Manufacturing from stainless steel, polyethylene, and mild-steel materials.
- With a focus on ensuring unparalleled safety, relentless innovation and trusted compliance, Storemasta provides a complete DG management system.

Key customers

- Australian Army bases
- Australian Federal Police
- BAE systems
- BHP Billiton
- Commonwealth Treasury
- Fortescue Future Industries
- Glencore
- Keller
- Price Waterhouse Coopers
- QUT
- Regal Rexnord
- Rio Tinto
- Royal Australian Air Force
- Royal Australian Navy
- UNSW
- USG Boral

Quality accreditations

- ISO 9001:2015 – Quality



STOREMASTA

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MARITIME

AIR

ICT

R and E

Products and services

Built to operate in contested and denied environments, SubSea Craft (SSC) solutions enable discreet manned and unmanned effects across subsurface, surface and air domains, enhancing maritime manoeuvre and resilience.

VICTA

- Dual-domain, optionally manned, discreet delivery platform combining long range surface insertion with the covert nature of a submersible.

MARS

- Compact, multi-role USV suited to a range of maritime missions. Capable of offensive operations, Intelligence, Surveillance and Reconnaissance (ISR), and Electronic Warfare.

CADDIS

- Subsurface launched and controlled UAV designed to deliver timely intelligence to operators at the edge. CADDIS is fully marinised and discreetly deployable.

Capabilities

- Systems integration and engineering.
- Design, manufacture and assembly.
- Project delivery.
- Research and development.
- Test and Evaluation.

Competitive discriminators

- Rapid Prototyping.
- Secure Facilities.
- Australian in-country presence.
- Unmanned Systems.
- Autonomous Systems.

Key customers

- Australian Defence Force
- International Special Operations Forces (SOF)
- UK Ministry of Defence
- United States Special Operations Command (USSOCOM)

Quality accreditations and awards

- ISO 9001:2015 – Quality
- ISO 45001:2018 – Safety
- ISO 14001:2015 – Environment



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R and E

Products and services

- Nationally recognised qualifications and specific skills sets including:
 - metal trades and engineering apprenticeships
 - plumbing apprenticeships and traineeships
 - building and construction apprenticeships and traineeships in the construction and allied trades industry
 - electrotechnology apprenticeships and traineeships
 - automotive apprenticeships and traineeships
 - business and information communication and technology (ICT) courses. More details available at www.tastafe.tas.edu.au/courses
- Short courses and skill sets are offered in a wide range of areas including metal trades, construction/plumbing/allied trades and electrotechnology. These focus on licensing, accreditation and certification for specific activities being undertaken in workplaces and worksites. More details available at www.tastafe.tas.edu.au/shortcourses

Capabilities

- A network of campuses and training facilities statewide, including specialist training facilities for automotive, metal engineering, plumbing and electrotechnology and around 200 courses and qualifications available.
- Metals training facilities state-wide specialising in delivering courses in the metal trades industry areas.
- Dedicated teaching teams who hold professional qualifications, including industry competency and currency.
- Works closely with industry to enable employers to multi-skill their workforce, improve productivity and expand workforce capability.

Competitive discriminators

- Tasmania's largest vocational education and training provider.
- Dedicated workforce development focus and customised training available for business and industry.
- Close working relationship with Tasmania's manufacturing industry, including a number of validated industry linkages.
- Help deliver the highest apprenticeship completion rates in Australia.
- Highest student satisfaction rates nationally at 91%.

Key customers

- Aurora Energy
- Australian Antarctic Division
- Hydro Tasmania
- Incat Australia
- Nyrstar
- Tas Networks

Quality accreditations and awards

- Accreditation for seven years from the national regulator (ASQA) in 2019
- Tasmanian Large Training Provider of the Year – 2020
- Apprentice of the Year and Vocational Student of the Year – 2020 Australian Training Awards



Contact details

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MARITIME

Products and services

- Marine and offshore engineering products and services, specialising in accommodation solutions for defence, oil and gas and general marine applications.
- A multi-discipline engineering company with a highly-skilled, innovative and flexible workforce, Taylor Bros can manage project delivery locally, nationally, internationally and offshore.
- Manufacture of approved ceilings and bulkhead panels.

Capabilities

- Outfit accommodation.
- Marine engineering and general engineering.
- Design, engineering and naval architecture.
- Finite element analysis.
- Diesel engine services.
- Mobile accommodation.
- Shipping services.
- Ship conversions and modifications and ship refits.
- Project management.
- Quality assurance and configuration management.
- Integrated logistic support services.

Competitive discriminators

- Multi-skilled workforce to conduct work local, nationally, internationally and offshore.
- BOSIET certification allowing employees to work offshore in the oil and gas industry.
- Prefabrication techniques used to reduce fabrication required onboard or at shipyard during build or maintenance, increasing efficiency and productivity.
- Engineering, naval architecture and design through to manufacture, installation and in-service support of a wide variety of marine facilities, equipment and systems.

- Experienced provider of class and Royal Australian Navy-approved facilities, equipment and systems.

Key customers

- AIR Alliance
- ASC Pty Ltd
- Australian Government – Australian Antarctic Division, Customs and Border Protection and Department of Defence – Capability and Sustainment Group
- Australian Longline
- BAE Systems Maritime Australia
- Cvmec Defence Industries/Luerssen Australia
- Contact Group
- CSIRO – Marine National Facility
- Cyan Renewables
- Damen Group
- Delegaciones Reunidas Novofri S.A.
- Diamond Offshore
- Gabadi S.L.
- Incat
- Modec
- Navantia Australia
- Origin Energy
- Serco
- Thales Australia

Quality accreditations

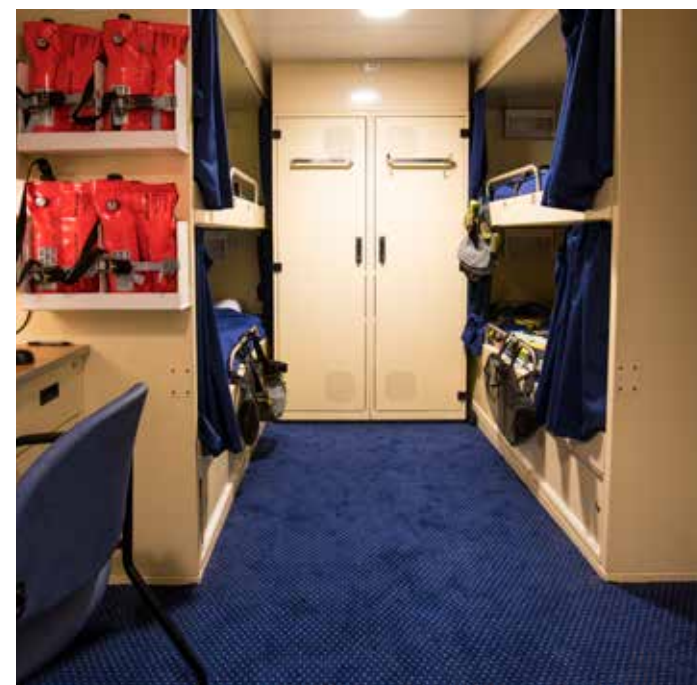
- ISO 9001:2015 – Quality



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MARITIME

LAND

AIR

Products and services

- Design, manufacture, and deployment of sovereign UAV platforms and payload systems.
- Drone-assisted conductor and pilot line stringing, payload transport, mining operations, aerial inspection, and tele-operated autonomous missions.
- Field-proven, low-risk alternatives to reduce manpower requirements and improving operational safety and efficiency.

Capabilities

- End-to-end engineered UAV and robotics solutions for mission-critical operations.
- Sovereign UAV design and deployment.
- Heavy-lift up to 80 kg payload – Lightning platform.
- Drone-assisted conductor and pilot line stringing.
- Remote logistics and payload transport (including ship-to-shore operations).
- BVLOS operations with CASA approval and ongoing collaboration.
- Field-proven deployment across forestry, mining, energy, and government sectors.
- Rapid mobilisation and execution in remote and high-risk environments.

Competitive discriminators

- Rapid in-house design, prototyping, and deployment capability.
- Proven ability to transition concepts into operational outcomes quickly.
- Established track record working with Tier 1 clients and government agencies.
- Strong collaboration with regulators to enable advanced operations (BVLOS).

Key customers

- Acciona Energy
- BHP
- Elecnor Australia
- Genus Infrastructure Pty Ltd
- Rio Tinto
- Tasmanian Government entities: Hydro Tasmania, Sustainable Timber Tas, Tasmania Fire Service, Parks and Wildlife, Tas Police, TasPorts, TasWater, TasNetworks
- Transgrid
- University of Tasmania
- Zinfra

Quality accreditations

- CASA Accreditation – Remotely piloted aircraft operator's certificate ReOC 6303 Revision 4
- Beyond Visual Line of Sight (BVLOS, ReB1) – Civil Aviation Safety Authority
- Basic Aviation Risk Standard
- Australia Association for Uncrewed Systems –AAUS Innovation Finalist 2021 & 2020



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MARITIME

ICT

Products and services

Tidetech provides high-resolution tidal, oceanographic and meteorological (metocean) data for maritime operations. Products include validated hydrodynamic and tidal models delivering accurate water levels, surface and sub-surface currents, and metocean intelligence for coastal, littoral and port environments. Data is delivered as enterprise-grade services via secure APIs, gridded and vector datasets, and web map services, supporting integration with OEMs, software, navigation, planning and decision-support systems for commercial and defence users.

Capabilities

- Global combined ocean and tidal currents.
- Coastal and port-scale environmental modelling.
- Tidal analysis and prediction from tidal constituents.
- Custom metocean data packages.
- Cloud-based data processing and delivery.
- Gridded, vector, and web map data services via secure API.
- S-100-ready datasets — S-104 (water levels) and S-111 (surface currents).

Competitive discriminators

- Specialist scientific expertise in complex coastal and shallow-water environments.
- Operational, decision-grade data products.
- Sovereign Australian capability, HQ in Tasmania.
- Proven integration with maritime OEM and defence-adjacent systems.
- Operational S-100 models available now (S-104 water levels and S-111 surface currents).
- Scientifically validated global and regional data.

Key customers

- Apple
- Class NK (NAPA)
- DeepSea Technologies
- Kongsberg
- Navico Group
- Teledyne Group
- UK and Australian Hydrographic Offices
- Wärtsilä

Quality accreditations

- ISO 9001:2015 – Quality (pending)
- ISO 19115-3:2023 – Metadata (pending)
- ISO 19157:2023 – Geographic data (pending)
- Defence Client Registration Number (DCRN)



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R and E

Products and services

- TMEC is a membership-based organisation representing the state's manufacturing and high intensive energy consumers, mining exploration, extraction and processing businesses, and associated supply chains.
- The annual TMEC industry conference is attended by delegates from across Tasmania, and creates opportunities for industry development, collaboration and sharing of innovative ideas.
- TMEC's Manufacturing Centre for Excellence provides facilities, training spaces and equipment designed to develop workers' and students' skills in advanced manufacturing.

Capabilities

- A Simulated Work Environment (SWE) owned by the Elphinstone Group provides lean manufacturing and continuous improvement training through Productivity Improvers facilitators. It is the largest SWE in the Southern Hemisphere, offering practical training for groups of at least 17 participants.
- Advanced Welding Training Centre includes Soldamatic and Lincoln simulated and augmented technologies mimicking real welding experiences and compatible with live welding. ABB GoFA 1 500 Collaborative Robot and Fanuc CNC Desktop Simulator Console.
- Industry specific training in partnership with SRTA Life and Rescue and TasTAFE, including confined space, working at heights, first aid, fire warden, conduct hazard analysis onsite or at TMEC facility.
- In partnership with Weld Australia deliver International Welding Inspector training, welder certification and onsite welding inspection services.
- Regional insights tours, coordination of these tours allows key industry members to visit other world-class businesses.

- Markforged 3D Printer for businesses to access for proof of concept printed designs.

Competitive discriminators

- The SWE training is based on Elphinstone production systems methods and draws on Lean principles. Continuous improvement is encouraged with an emphasis on collaboration and team communication. Courses are delivered by Productivity Improvers and the Elphinstone Group and are suitable for any industry.
- The AWTC simulators provide statistical feedback on weld quality, accuracy and comparative improvements in technique. Welding skills and techniques are developed in a safe learning environment, and training is faster and less expensive than traditional learning methods.
- Tasmania's only Weld Australia Testing Facility, able to train, test and certify welders and welds.

Key customers

TMEC members range from small to medium enterprises, to major national and international organisations including diverse industrials such as the Elphinstone Group, Jayben, Muir Engineering, Ignite Digi, William Adams, Definium Technologies and Ashgrove Cheese, along with over 50 other manufacturing members.



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MARITIME

LAND

ICT

R and E

Products and services

- The Defence & Maritime Innovation & Design Precinct (DMIDP) connects academia with Defence, industry and government partners to collaborate in R&D, Test and Evaluation, and Consultancies.
- Secure Common User Facility (CUF) provisioning access to DPN/DSN and options for co-located workspace tenancies available.
- The DMIDP has been codeveloped with our key partner, Defence Science and Technology Group (DSTG) with the aim of improved design, operation and performance, materiel availability, survivability (susceptibility, vulnerability, and recoverability), and sustainment of surface and sub-surface vessels (including autonomous systems), and coastal, offshore, and subsea maritime structures.

Capabilities

- Advanced simulation in maritime, power/energy, maritime engineering.
- AUV systems, sensor integration, T&E centre.
- Cavitation and turbulent flows phenomena.
- Naval architecture, vessel seakeeping & stability.
- Vessel manoeuvring & hydrodynamic forces.
- Structural integrity & survivability of maritime structures.
- Supply chain resilience & Industry 4.0 technologies.

Competitive discriminators

- The largest/most advanced collection of maritime research facilities in the Southern Hemisphere.
- Common User Facility with DSN/DPN connectivity, and accredited audio secure rooms for classified conversations (up to SECRET).
- Cavitation Research Laboratory with variable pressure water tunnel.

- Towing Tank (100m long) and Model Test Basin (12m x 35m) with specialist in-house model builders.
- Underwater Collision Research Facility with drop-tower, Split-Hopkins Bars and universal testing machine.
- Centre for Maritime Simulations with full mission bridge, integrated tugs and engineering simulation.
- Headquarters of the Naval Research Centre.

Key customers

- ASSIST Maritime
- Defence Industry
- Defence Science & Technology Group
- Navantia Australia
- Royal Australian Navy
- Subsea Craft

Quality accreditations

- Defence Industry Security Program (DISP) Member
- Tertiary Education Quality and Standards Agency (TEQSA) and Australian Skills Quality Authority (ASQA) – RTO ID: 60131
- ISO 9001:2015 – Quality

UNIVERSITY of TASMANIA



Australian Maritime College

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Virtual facility tours

Take a virtual tour through a selection of Tasmania's defence industry companies by accessing the QR codes.

CBG Systems



Muir Engineering



Crisp Bros. & Haywards



Taylor Bros



Industry associations and networks

AIDN – Tasmania

The Australian Industry and Defence Network (AIDN) is the peak industry association representing small-to-medium enterprises (SMEs). AIDN provides strategic advocacy and unified representation for Defence Industry SMEs to Federal Government, State Governments and Defence Prime Contractors.



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ICN Tasmania

Industry Capability Network (ICN) Tasmania assists to connect buyers and suppliers through its industry specialists and powerful procurement sourcing platform, the ICN Gateway. The ICN streamlines procurement, maximises exposure of projects and assists to meet local industry participation goals.



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TasICT

TasICT is the Peak Industry Body for the Information, Communication and Technology Sector.



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Tasmania Maritime Network

The Tasmania Maritime Network (TMN) is Tasmania's leading maritime grouping comprising various companies and organisations of exceptional expertise and leading edge products, services, technologies and skills. Members supply both the commercial and defence markets.



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Industry associations and networks continued

Tasmanian Minerals, Manufacturing and Energy Council

The Tasmanian Minerals, Manufacturing and Energy Council (TMEC) is a membership-based organisation representing the state's manufacturing and energy sectors, mining exploration, extraction and processing businesses, and associated supply chains.



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Image below

Hobart port and waterfront with three Antarctic vessels berthed along side (MV Aiviq, RSV Nuyina and MV Happy Dragon)

Tasmanian Polar Network

The Tasmanian Polar Network (TPN) is a group of businesses and scientific organisations based in Tasmania, that all have a common focus on serving commercial and scientific activity in the Antarctic, sub-Antarctic and Southern Ocean.

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TPN Chair

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Distance and air travel times

Location	Distance (approximate)	Air travel time
Hobart – Melbourne	598 km	One hour and 15 minutes
Hobart – Sydney	1 058 km	One hour and 45 minutes
Hobart – Brisbane	1 790 km	Two hours and 40 minutes
Hobart – Adelaide	1 161 km	Two hours
Hobart – Perth	3 009 km	Four hours and 55 minutes
Launceston – Melbourne	444 km	One hour and 5 minutes
Launceston – Sydney	914 km	One hour and 35 minutes
Launceston – Brisbane	1 642 km	Two hours and 30 minutes

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