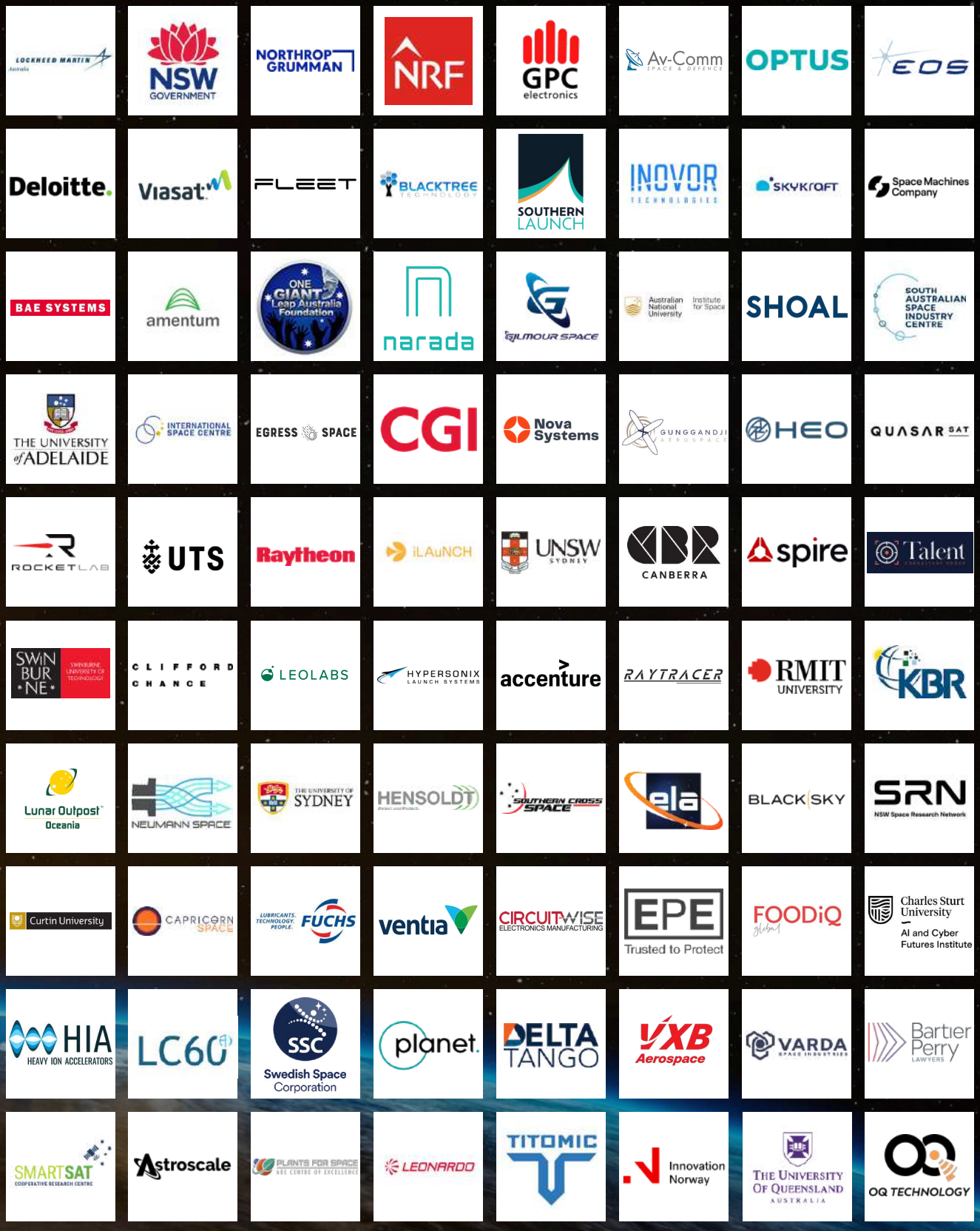
Space Industry Association of Australia

The national peak body for Australia's space industry

Member Capability Brochure



SIAA: Who We Are

SIAA is the peak body for the Space Sector in Australia. We provide a collective voice on behalf of over 80 domestic and international member organisations with capability across all aspects of Space activities. SIAA membership reflects a breadth and depth of capability, including launch providers, advanced manufacturing, law firms and professional services firms within a diverse membership of startups, small-to-medium sized enterprises ('SMEs') and aerospace primes.

SIAA has two membership tiers; Foundation and Corporate Membership.

SIAA Foundation Members are ambassadors for the Australian space industry and have an active role in shaping the SIAA industry policy agenda.

SIAA Corporate Members reflect a range of space and space-related organisations operating across the international space supply chain.

In 2025, SIAA will host the 76th International Astronautical Congress (IAC) in Sydney, with our co-hosts the Australian Space Agency and New South Wales Government.

For more information on SIAA and our member organisations please contact us at:

operations@spaceindustry.com.au
@Space Industry Association of Australia
www.spaceindustry.com.au

AV Comm Space and Defence

SIAA Foundation Member

Av-Comm Space and Defence builds and sustains satellite ground stations for government and defence clients, offering Australian capability with local manufacturing experience. Av-Comm's team of specialists are experts in field engineering and technical services, project and risk management, maintenance and sustainment, and system design and manufacturing.

Led by Chief Executive Officer Michael Cratt, Av-Comm's mission is to promote the critical role the ground segment plays in the Australian space ecosystem to ensure the endurance and efficacy of Australia's long-term space capability. Av-Comm's important work actively promotes and builds Australia's local skills and infrastructure in the establishment and sustainment of satellite ground stations.

Av-Comm aim to help people understand the impact space has on their everyday lives: from simple things like the GPS on your phone and the meteorological data used in our weather predictions, to monitoring our borders and keeping our men and women in uniform safe, we're often using satellites without even knowing it.

GPC Electronics

SIAA Foundation Member

GPC Electronics is Australia's largest sovereign electronics contract manufacturer, with a specialised focus on Space, Aerospace, and Defence. Located in Penrith, NSW, our state-of-the-art facility spans over 10,000 m² and is equipped with the latest advanced manufacturing technologies to meet your PCB, LRU, satellite bus, and flight-ready satellite needs.

With a long-standing heritage of working with leading Defence/Space primes, GPC Electronics has established itself as a trusted partner in delivering high-reliability defence projects. Our experienced team supports customers with Design for Manufacturing/Testing (DFx) services, guiding you through the entire design process from prototyping to production stages. We ensure top-tier quality, optimised costs, and complete traceability at every production stage.

GPC Electronics offers comprehensive testing capabilities, including Automated Optical Inspection, X-Ray Inspection, In-Circuit Testing, Flying Probe Testing, and Functional Testing in thermal and environmental conditions such as "shake-and-bake."
Our robust Quality Management System is certified to the highest standards, including ISO9001 (Quality), AS9100 (Aerospace, Space, and Defence), ISO27001 (Information Security Management System), ISO14001 (Environmental), RoHS, and Defence Industry Security Program (DISP) accreditation.

GPC Electronics recently invested in a new dedicated defence manufacturing facility spanning 1800 m², further strengthening its commitment to supporting high-reliability defence programs. This expansion, combined with existing cutting-edge facilities, advanced manufacturing expertise, and extensive testing capabilities, ensures our customers' mission success—both on the ground and in orbit. Our electronic modules are onboard operational spacecraft with proven space heritage, paving the way for your mission's success.

GPC electronics

Lockheed Martin Australia

SIAA Foundation Member

Lockheed Martin Australia is engaged in the development, integration and sustainment of cutting-edge defence technologies. Lockheed Martin Australia's capabilities span all domains from space to undersea, and bolster the Australian Defence Force's ability to operate in highly contested environments. Front-line capabilities include the F-35 and Aegis combat system, joint all domain battle management, resilient and agile space capabilities, long range strike systems, and advanced training, sustainment and logistical solutions, including rotary aircraft and medium air mobility platforms. Lockheed Martin Australia has a deep commitment to Australian industry, and a vision centred on building long-term stewardship, while ensuring a high-degree of interoperability and connectivity with allies and partners.

The company has been operating to support Australian requirements for over 70 years across aerospace, defence and civil sectors. Today, this extends to work across a number of Australian space programs; such as SouthPAN, a second generation SBAS, on behalf of Australia and New Zealand. Beyond their principal centres, Lockheed Martin Australia hosts a Tracking, Telemetry and Control ground station at Uralla, NSW. The Uralla facility provides Transfer Orbit Support Services and Initial Orbit Testing for satellites after they have been launched for commercial and government customers. The facility also forms a critical component of global earth station facilities used to support commercial satellites through launch and transfer orbit into the satellites' intended final location in geostationary orbit, whilst additionally providing communications during satellite testing.

LOCKHEED MARTIN AUSTRALIA

Northrop Grumman

SIAA Foundation Member

Northrop Grumman Australia is a defence and space company that operates across space, aeronautics, cyberspace and defence industries. With over 60 years of space heritage, the company has over 800 employees based in its 11 sites of operation across the country.

Northrop Grumman Australia's domestic capabilities span multiple domains, from sustainment and modernisation, to integrated systems, secure network solutions, and defence. The company has an established relationship with the Australian Government, including a strategic partnership with the Australian Defence Force of over 20 years, alongside work with academia and leading small and medium-sized businesses across industry. Northrop Grumman Australia's capabilities in the space sector include operating as the prime system integrator on the government's Joint Project 2008 Phase 5B2. The project provides the Satellite Communications Ground Station-East and wideband satellite communications Network Management System for the Australian Defence Force.

In November 2022, Northrop signed a six-year agreement with SIAA member Quickstep Holdings Ltd under an existing MoU. The agreement pertains to the supply of components from Quickstep to support Northrop's global aerospace program.

Norton Rose Fulbright

SIAA Foundation Member

Norton Rose Fulbright are among the few global law firms in the world able to offer advice from key geographic locations which are home to some of the world's most robust space programs and private space ventures.

The ongoing expansion of the space industry will continue to be underpinned by dynamic technological advances, including development of reusable launch rockets, nano and mega-constellation satellites, low Earth orbit space stations and the use of robotics and AI-powered imagery, monitoring and communications – areas in which we have critical relevant legal experience.

Our lawyers are able to draw upon cross-border experience across many of our core industries – technology, energy, aviation and transport, infrastructure, government relations and public policy, insurance, environmental law and ESG, life sciences and healthcare, pharmaceuticals, banking and finance, antitrust and competition, telecommunications, security and defence, risk and regulatory, and tourism – to offer a full-service experience for clients at all stages and levels of commercialized space and satellite projects.

NSW Government

SIAA Foundation Member

As the NSW Government's agency for investment attraction and industry development, Investment NSW drives jobs, investment, and innovation across several focus areas – including defence, aerospace, and space – today and into the future.

We support local businesses to innovate, scale, and expand globally, while helping international companies establish and grow in NSW.

NSW's defence and aerospace sector is underpinned by a strong industrial base, end-to-end supply chain capability, and the largest industry footprint of any Australian state. Sydney, the state's capital, anchors Australia's largest economy and its most advanced, interconnected space ecosystem, while across NSW, world-class universities, a highly skilled workforce, and hundreds of growing businesses drive innovation and growth.

Seven NSW universities offer dedicated space programs, producing graduates who go on to create companies manufacturing satellites, operating ground stations, developing Earth observation solutions, and leading mission operations. With strengths spanning the full breadth of the sector, NSW offers countless opportunities to grow, partner, and succeed in space. Contact the Investment NSW team at space@investment.nsw.gov.au to discover how NSW can support your success in space.

NSW GOVERNMENT

Optus

SIAA Foundation Member

Optus is Australia's most experienced satellite owner and operator, with satellite services across Australia, New Zealand and with availability to McMurdo Sound in Antarctica.

For more than 35 years, Optus has been Australia's leading satellite provider, launching 10 satellites, operating 13 spacecraft and providing support to over 100 international space programs. We're also Australia's second largest telecommunications company, providing national mobile networks, fixed networks and geostationary satellites. We deliver next-gen Defence space solutions in the Asia-Pacific – with vast experience launching and operating bespoke space programs. Our Professional Services include space training, payload design, software development, Telemetry, Tracking and Control (TT&C) and offer GEO Spacecraft Hosted Payloads and LEO Services for Asia Pacific.

We work closely with global partners and continue to be at the forefront of utilising cutting-edge space technology and employing, as well as training, highly skilled space talent.

SIAA Corporate Members

Accenture Australia

Accenture is driving space innovation, helping clients leverage geospatial intelligence for environmental monitoring, emissions detection, and disaster response, while eliminating connectivity gaps through satellite technology. With extensive experience in Aerospace and Defense, Accenture offers advanced capabilities tailored to the Australian space sector. This includes building and integrating software for spacecraft missions, mission control centers, and satellite operations, along with expertise in digital engineering and manufacturing using 3D simulation, AI, and digital twins for agile and sustainable space missions.

Accenture's Earth observation capabilities use AI and machine learning to convert satellite data into actionable insights for resource management and environmental sustainability. In satellite communications, Accenture supports off-grid broadband, IoT data retrieval, and emergency communications. Their space-enabled sustainability initiatives assist businesses and governments in managing environmental challenges like deforestation. With 774,000 employees across 120 countries, Accenture aims to be a key partner in advancing Australia's space industry and addressing critical challenges through innovative space solutions.

ACT Government

The Australian Capital Territory (ACT) is a vibrant hub for space activities, driven by a unique combination of innovative companies, world-class research, and supportive government initiatives. It boasts some of the most advanced space industry infrastructure in the Asia-Pacific region, facilitating major space missions. Key facilities in the ACT include the National Space Test Facility and the Heavy Ion Accelerator Facility at the Australian National University (ANU), the Australian National Concurrent Design Facility at the University of New South Wales in Canberra, and the Canberra Deep Space Communication Complex – one of three NASA Deep Space Network Facilities in the world. These facilities offer comprehensive services for designing, building, and testing spacecraft, as well as mission control and applications like earth observation. With companies like Skykraft working to revolutionise global air traffic management from space and institutions like ANU and UNSW Canberra leading research in astrophysics, space, and quantum technologies, the ACT plays a crucial role in the global space industry. Its collaborative environment fosters innovation and attracts talent, making it an ideal destination for businesses and entrepreneurs in space exploration and related technologies.

ANU Institute for Space

The Australian National University (ANU) Institute for Space (InSpace) is a cross-disciplinary organisation working to advance ANU space technology to benefit all Australians. With a strong heritage in space research, ANU established InSpace to harness space expertise across the University's 42 separate research schools. Led by Director Professor Anna Moore, a member of the expert reference group that recommended the creation of the Australian Space Agency, InSpace brings together technology, law, science, economics, and social science research to grow Australia's commercial and scientific interests in the space industry. The InSpace team develops nationally significant space missions to benefit Australia and connects industry partners with multidisciplinary research teams to create holistic solutions to our nation's pressing problems. The ANU is also home to world-class space infrastructure valued at more than $200M, including space qualification and radiation testing facilities. It's building an advanced communication ground station to support the next generation of communication. InSpace serves as a strategic gateway for engagement across industry, government and the research sector to accelerate our national and international capability to benefit all Australians.

Astroscale

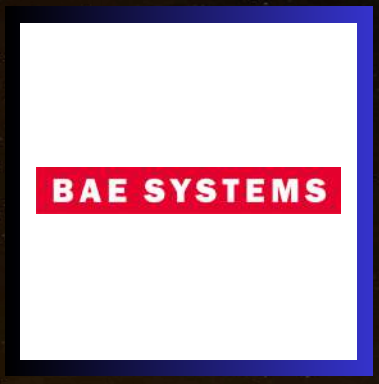
Founded in 2013, Astroscale is a satellite manufacturing company specialising in on-orbit servicing, with a dedication to the safe and sustainable development of space. Headquartered in Tokyo, Japan, Astroscale has a global presence with subsidiaries in the United Kingdom, the United States, France, and Israel. Since the company's first successful launch in March 2021, Astroscale has provided rendezvous and proximity operations technologies in orbit during the ELSA-d and ADRAS-J missions. The company delivers a variety of innovative and scalable on-orbit servicing solutions, including life extension, in-situ space situational awareness, end-of-life, and active debris removal. These solutions are intended to empower satellite operators to reduce risks, increase returns, and achieve mission success while fostering a sustainable space environment. Astroscale is also collaborating with government and commercial stakeholders to develop norms, regulations, and incentives that promote the sustainable growth of space. The company's services include End of Life (EOL) for the prepared removal of commercial LEO satellites, Active Debris Removal (ADR), Life Extension (LEX) in geostationary orbit, and finally, In-Situ Space Situational Awareness (ISSA).

Amentum Australia

A trusted partner to Australian Government clients, Amentum is a major service provider for some of the most critical national security capabilities. We manage critical infrastructure and facilities and work on major projects in the land, air, maritime, cyber, space, nuclear and digital domains to support the Department of Defence's multi-billion-dollar investment in enhanced capabilities.

With more than 880 engineers, project and programme managers, training specialists, cyber security consultants, facilities operations experts, essential workers, logistics and technical trades in Canberra, Sydney, Melbourne, south-east Queensland, Central Australia, Townsville, Adelaide, Perth, Newcastle and Nowra, the business has built a reputation for excellence in quality, performance, innovation, value for money and safety by delivering multi-disciplinary expertise on large and technically challenging projects for more than 27 years.

BAE Systems



BAE Systems is a defence and security company headquartered in Edinburgh Parks, South Australia. The company delivers a wide range of advanced defence, aerospace and security services for clients across the Australian Defence Force, cyber intelligence and commercial organisations around Australia. BAE Systems offers total capability in areas ranging from through-life support, security, logistics and systems integration.

BAE Systems showcased its Azalea satellite cluster which is composed of three multi-sensor satellites from BAE Systems & In-Space Missions, and one SAR satellite in partnership with ICEYE. The Azalea satellites will use sensors to collect visual, radar and radio frequency data, which will be analysed through on-board machine learning on edge processors to deliver the resulting intelligence securely, while still in orbit. The satellites will deliver global coverage every few days and deliver coherent ISR sensing for civil and security use.

Bartier Perry

From scientific endeavours to commercial ventures, government initiatives to educational pursuits, Bartier Perry lawyers collaborate closely with both international and domestic businesses to drive success within Australia's space economy.

With our understanding of the regulatory landscape and legal intricacies, we guide businesses through compliance challenges and mitigating risks, ensuring they are well-equipped to seize the vast opportunities both on Earth and in outer space.

We support startup ventures and seasoned players in the aviation and space industry including manufacturers, researchers, venture capitalists and government agencies. Whether you're a provider of technology or telecommunications services, developing launch sites or managing satellite networks, we can provide end-to-end legal advice on space infrastructure projects.

Through our support and involvement in the space industry, including as members of the Space Industry Association of Australia and AmCham's Space Committee, we make sure our clients benefit from our knowledge of both the industry and the law.

BlackSky

BlackSky is a leading provider of real-time geospatial intelligence. BlackSky delivers on- demand, high frequency imagery, monitoring and analytics of the most critical and strategic locations, economic assets, and events in the world. Based in the United States with a presence in Australia. BlackSky is proud to be a member of the Space Industry Association of Australia (SIAA) and be part of its mission to empower Australia's industry to build a professional, sovereign, and sustainable national space economy.

BlackSky designs, owns and operates one of the industry's leading low Earth orbit small satellite constellations, optimized to capture imagery cost-efficiently where and when our customers need it. BlackSky's Spectra AI software platform processes data from BlackSky's constellation and from other third-party sensors to develop the critical insights and analytics that our customers require.

Blacktree Technology

Blacktree Technology specialises in mission-critical communication solutions in urban, remote and military operating environments, drawing on our knowledge of technologies including: Narrowband and Wideband Satcom.
Our key capabilities include:

- Narrowband and Wideband SATCOM - UHF, L, C, X, Ku, Ka bands; SATCOM-On-The-Move (SOTM); SATCOM-On-The-Pause (SOTP)
- Terrestrial Communications - Commercial HF, VHF and UHF systems; licensed and public spectrum microwave; DSL, Fibre Broadband radio, LTE systems.
- RF Component Manufacturing – UHF SATCOM helical antennas, redeployable bifilar helical antennas, antenna pedestals, bandpass filters, diplexers.
- Monitoring and Management Systems – RF isolation switches, RadHaz management, RF power sensors, directional couplers.

Our products are installed in Commercial, Industrial and Defence facilities across Australia, Asia, Europe, and the United States.

Canberra Airport

Situated 6km from Canberra's central business district, and 6km from Parliament House, Canberra Airport is a world-class multi-award-winning secure aerospace facility. As a strategically important aerospace hub, Canberra Airport is uniquely positioned to be a critical link within the Australian Capital Territory Region space ecosystem.Canberra Airport specialises in delivering secure facilities and infrastructure for aerospace users suitable for utilisation as headquarters accommodation, maintenance, test and evaluation facilities, ground station/communications operations and defence and civilian aircraft movement and handling infrastructure.

Critical to supporting aerospace systems, manufacturing and logistics, Canberra Airport is equipped for 24-hour operations, has full international capability, and has no curfew operating constraints. At 3.2km long, Canberra Airport's main runway is Code E compliant with CAT II capabilities allowing the facilitation of low-level visibility operations. Canberra Airport is capable of handling unique and wide-bodied aircraft including Antonov and Boeing 747s.

Capricorn Space

Capricorn Space provides ground segment services to the satellite industry from its initial site at Mingenew in remote Western Australia. Clients utilise our high-performance infrastructure (power, communications and on-site support) to rapidly establish their own ground station presence in the Southern Hemisphere. Our site is strategically located below the Asian corridor and borders the expansive Indian Ocean region, plus benefits from operating within a declared Earth Station Protection Zone – meaning clients can operate without background terrestrial interference and, significantly, enjoy a straightforward radio-spectrum licencing process.

If Southern Hemisphere coverage, ability to secure radio frequency licences and high-performance infrastructure are important to you then please connect with us at Capricorn Space.

Circuitwise Electronics

Circuitwise Electronics is an Australian contract manufacturer specializing in complex electronic devices. The company focuses on high-end manufacturing utilizing some of the world's most advanced electronics manufacturing equipment. It holds AS 9100D certification for quality management in the aviation, aerospace, and defence sectors, along with ISO 9001 and ISO 13485 medical grade certifications.

For more than 30 years Circuitwise has been partnering with ANZ technology companies to produce the highest quality, reliable electronics assemblies with 100% traceability of components and PCB's.

With the recent acquisition of Nautech Electronics, the Circuitwise Group now offers the most comprehensive suite of design, manufacturing, and testing services for the Australian and New Zealand markets.

CGI

Founded in 1976, CGI is an IT and business services consulting services firm operating across government and a range of industries to solve complex IT, systems integration, digital transformation, and cyber security challenges. The company employs over 92,000 professionals across 400 locations worldwide, and domestically has offices in Sydney, Melbourne, Brisbane, Hobart, and Adelaide. Within the Space, Defence and Intelligence domain, CGI has worked in partnership with governments and businesses around the globe to deliver secure, mission-critical technology solutions. In Australia, CGI is building upon the company's heritage to apply solutions from across commercial and government sectors to new ways of advancing defence and space clients' missions. CGI's solutions in the Defence, Space and Intelligence domain include, but are not limited to, secure space systems, space command and control, military space solutions and cyber security. In February 2023, CGI was awarded a SmartSat CRC project alongside domain experts from Swinburne University of Technology and RMIT to develop a space domain awareness technology demonstrator. The output of the project will be used to enhance SDA operations in real-time during Sprint Advanced Concept Training (SACT) exercises. This year, CGI has continued to strengthen its commercial collaborations within the Space, Defence, and Intelligence sectors, expanding its presence in Canberra to capitalise on significant government opportunities.

Charles Sturt University – AI and Cyber Futures Institute

The AI and Cyber Futures Institute (AICF) at Charles Sturt University is a leading national research centre advancing artificial intelligence, cybersecurity, and digital twin technologies with a particular focus on regional impact and space innovation. Through cross-sector collaboration, AICF is developing AI-powered solutions for autonomous systems, digital and quantum twins, and resilient space technologies.AICF's research supports space missions through applied innovation in astronaut psychological resilience, sustainable food production, and human-machine teaming for long-duration missions. The institute is also advancing cybersecurity for space assets, AI-driven satellite imagery analytics, and space debris mitigation models.Key facilities include the Regional AI Laboratory and IBM co-location hub in Bathurst, and the Digital Twinning Showcase Facility in Wagga Wagga, a joint venture with AgriPark. These state-of-the-art centres support AI research for space-based digital twinning, robotics, and remote sensing, with emerging applications in satellite operations and planetary habitation.By integrating behavioural data science with advanced AI, AICF is helping to shape the future of sustainable space exploration while ensuring that innovation remains accessible and impactful for regional Australia and global partners.

Clifford Chance

Clifford Chance has a market-leading Space Group, comprised of specialists in our offices across the globe, offering unrivalled knowledge in the space sector. Our wide-ranging experience, which includes high-profile and market-leading mandates, gives us exceptional insight into the industry and enables us to help our clients anticipate issues and develop commercial solutions.

Space Group is a single global team delivering strategic advice to help clients stay ahead of the curve and outstrip the pace of change. Our capabilities across all practice areas and all geographical regions position us as an excellent partner for clients in the space sector. Our Space Group team members actively participate in global space organisations and thought leadership initiatives. Recent initiatives have included: presenting on New Horizons in Air and Space Law: Treaties, Technologies, and Tomorrow's Challenges Conference (Singapore), discussing Accelerating Cislunar Developments at SPACETIDE 2024 (Tokyo) and presenting on the topic of Starbitration: Alternative Dispute Resolution to Pacify New Space Disputes at the Indo-Pacific Space & Earth Conference (Perth).

Curtin University

Curtin University, established in 1966, is a public research university based in Perth, Western Australia, with campuses worldwide, including Dubai, Mauritius, Malaysia, and Singapore. The university's research spans various fields such as agriculture, environmental studies, national resilience, biomedical science, structural engineering, and space.
Curtin is home to two major space research centers: the Space Science and Technology Centre (SSTC) and the Curtin Institute of Radio Astronomy. The SSTC, with partnerships including NASA and Lockheed Martin, hosts the largest planetary research group in the Southern Hemisphere. The university specializes in Earth and planetary science, innovative technologies, radio astronomy, space missions, and space situational awareness. Curtin also leads the Murchison Widefield Array project, a low-frequency radio telescope in Western Australia, which serves as a precursor to the Square Kilometre Array—the world's largest radio telescope. In August, Curtin launched three satellites—Binar-2, Binar-3, and Binar-4—to the International Space Station, completing its 1U small satellite platform.

Delta Tango Advisory

Delta Tango is a rising player in Australia's Space sector, providing expert services in end-to-end space capability project and program management, operations analysis, and human-centered design. Our team combines decades of experience across the Defence & Space, Banking, and Design sectors to offer in-depth and dedicated partnering in both traditional, and pathfinding space endeavours

Deloitte

Deloitte Space is a global end-to-end professional services practice dedicated to advising organisations on the full possibilities of space, from strategic advisory to mission assurance supporting the deployment and operating of space systems and services.

Building on more than 15 years of space domain experience, Deloitte offers a unique depth and breadth of space experience through a globally connected space practice with clients across the civil, defense and commercial sectors.

Deloitte's space-related offerings span multiple areas and are dedicated to advising organisations, whether those organisations view space as their mission, their business of today or a future growth opportunity.

Deloitte's GRAVITY Challenge began in Australia in 2019, with the goal of bringing market demand and technical experts together to solve some of the world's most pressing issues using space enabled technology and capability. With 14 countries involved, the program invites forward-thinking public and private organisations facing real world problems, and Innovators with the skills to solve them, to participate.

Equatorial Launch Australia

Equatorial Launch Australia (ELA) delivers world-class spaceport and launch services for small to medium sized rockets. It supports rocket and engine testing, launch and recovery of payloads for orbital and suborbital missions, and launch returns.

The equatorially located Australian Space Centre (ASC) provides customers with access to multiple orbit options and the ability to leverage the positive effect of Earth's rotational velocity near the equator. This natural boost reduces fuel requirements and increases payload capacity. The multi-user ASC offers Resident Launcher access to dedicated Space Launch Complexes, improving security and scheduling while minimising downtime for high cadence launch. The location also has minimal maritime and air traffic and year-round launch-conducive weather.ELA's commitment to technical excellence includes high-tech launch pads, state-of-the-art Horizontal Integration Facilities, and comprehensive launch services covering logistics, fuels, testing, and launch and mission support. Its TSA and ITAR-compliant facilities and mission technologies are paired with end-to-end launch engineering and support services that are cost-effective, operationally efficient, and designed to maximise customers' commercial success.

ELA's customer-centric, full-service model reflects its mission every day: *You build the rockets... we'll take care of the rest*™

Egress Space

Egress Space is an emerging player in the Australian space sector, focused on developing sovereign downmass return capabilities to support microgravity research and in-space manufacturing. The company offers end-to-end mission support, encompassing launch preparation, execution, data collection, and the safe return of payloads to Earth.With a strong foundation in unmanned aerial systems (UAS), Egress Space is advancing technologies in precision tactical logistics, as well as ground, air, and space-based electronic warfare. The company is actively engaged in flight testing satellite communication subsystems using fast-jet aircraft in Australia, while also contributing to integrated re-entry mission development in collaboration with Saber Astronautics and Deloitte. Egress is further expanding its technical capabilities through hybrid rocket motor development and testing in the UK, as well as prototype UAS design for future defence and commercial applications. The company is also pursuing strategic partnerships with leading US space organisations to strengthen its international reach. By combining aerospace engineering, advanced testing, and mission-critical systems integration, Egress Space is building a flexible and responsive model for the future of orbital access and payload return.

EOS Space Systems

EOS Space Systems is a full-spectrum space and communications company that delivers Space Domain Awareness (SDA), precision optical equipment, and high-specification satellite and optical communications products and services. With Australian and international customers including a number of Australian government organisations and a range of allied civil, commercial and military organisations, EOS's capability can be understood through their operation of Space Technologies, SpaceLink and EM Solutions. Space Technologies applies EOS-developed optical sensors to detect, track, classify and characterise objects in space. SpaceLink is launching a MEO satellite constellation to build communications services for the space economy and EM Solutions creates innovative global satellite communications systems and services. EOS Space Systems is passionate about building Australia's sovereign industrial capabilities and the whole-of-nation benefits that onshore technological innovation can bring."

EPE

EPE is Grantee for Trailblazer Moon to Mars Stage 1, and Consortium Leader for the ELO2 Consortium designing a lunar rover for the ASA.

Headquartered in Spring Hill, Brisbane, EPE's main activities are to operationalise and sustain capabilities for the Australian Defence Force, NZ Defence Force and a range of national security and emergency services organisations. The EPE Group has been operating for over 25 years and works with clients in AU, NZ, USA, EMEA and Asia. EPE operates the only NIST-standard robotics proving facilities in the southern hemisphere. It sustains over 250 robotic platforms and thousands of CBRN and other sensors for the ADF and develops novel robotic platforms for autonomous and remote operation in extreme environments.

EPE is veteran-owned and a specialist in delivery of capabilities for Counter-Explosive Hazards and Counter-Weapons of Mass Destruction. It provides a range of robotics, sensors, effectors, protective equipment, innovation services and training. It als0 works closely with Defence, Government, Research organisations and Industry to develop novel capabilities for clients.

Fleet Space Technologies

Fleet Space Technologies, Australia's leading space exploration company based in Adelaide, is revolutionizing critical mineral discovery with its space-enabled mineral exploration solution, ExoSphere, which combines the company's proprietary satellite network, 3D multiphysics, and AI to image mineral systems in real-time. Over 40 leading exploration companies like Rio Tinto, Barrick Gold, and Core Lithium have used ExoSphere's real-time 3D subsurface imaging on projects across five continents. In 2026, Fleet Space will deploy a lunar variant of its ExoSphere technology - SPIDER - on the Moon as part of a NASA CLPs initiative to advance humanity's understanding of the lunar regolith. Additionally, the company has delivered the world's smallest SATCOM-enabled satellites (Centauri 4 & Centauri 6), demonstrating a path to disrupt the multi-billion SATCOM market. Building on its exponential growth and sustained innovation in space technologies, Fleet Space was named "Australia's Fastest Growing Company" by the Australian Financial Review in 2023 and winner of the Innovation category at the 2024 Mining Technology Excellence Awards.

FOODiQ Global

FOODiQ Global is a science-led company advancing food and nutrition innovation on Earth and in space. We combine science with commercial strategy to help businesses lead in the growing space food, nutrition and future food sectors. Our proprietary iQ³ strategy framework enables us to translate complex food and nutrition science into actionable strategies that deliver a market advantage. Our expertise spans designing nutrition strategies for long-duration space missions, conducting biological experiments in microgravity, collaborating on R&D projects focused on space-grown food systems, and providing science communication and outreach related to space food & nutrition. We help design and lead food & nutrition experiments for space to explore how food systems function and impact astronaut health. Our flagship project, Mission MushVroom, was the first space experiment to grow mushrooms as a space crop candidate. We are a partner of Plants for Space and Space Farming Brazil. Our CEO Dr Flávia Fayet-Moore is also the lead Science & Nutrition for the Deep Space Food Consortium and a founding member of the Space Nutrition Network. We work with food, agri-tech, and health sectors to shape the future of food. Clients include Nestlé, Woolworths, AusVeg, Danone, Australian Mushroom Growers Association, Horticulture Innovation Australia, and several government bodies.

Fuchs Lubricants

Fuchs is a global Group with German roots that has developed, produced, and sold lubricants and related specialties for 90 years – supporting virtually all areas of application and sectors. With 58 companies and more than 6,000 employees across more than 45 countries the Fuchs Group is the leading independent supplier of lubricants with a product program comprising more than 10,000 products. In close contact with its customers, Fuchs develops holistic, innovative, and custom-made solutions for the most diverse applications.

Fuchs Australasia utilizes approximately 1,500 lubricants and related specialty products. We manufacture 96% of our volume at our two production facilities in Australia with an annual volume of >90 million liters of lubricants and over 4,000 tons of grease. Our manufacturing sites are accredited (ISO 9001, 14001, AS 4801 and IATF 16949). The Industrial & Specialty division is a team of eight Application Engineers with significant industry experience. Through the strategic acquisition of Nye Lubricants in 2020 the Fuchs group has developed capacity, and segment experience to become an industry partner supplying high-performance lubricants and specialty products in support of Space on-ground and in-orbit operations.

Gilmour Space Technologies

Gilmour Space Technologies is an Australian SME that is developing, manufacturing and launching Australian-made rockets and satellite platforms. Under a vision ‘All Orbits, All Planets’, the company is currently developing the Eris orbital rocket, to deliver more affordable and reliable launches into LEO. The company's CEO Adam Gilmour has indicated this will be “Australia’s first orbital rocket and first orbital launch attempt from a commercial Australian launch site.

Gunggandji Aerospace

Gunggandji Aerospace is a consulting company with over 100 years of civilian and defence experience, providing a range of Defence, Aviation and Space-based consulting services. Headquartered in Brisbane, Gunggandji hosts locations on Ngambri, Naarm and Boorloo land. The company is proudly 100% Australian Aboriginal owned.Gunggandji Aerospace maintains consultancy relationships with stakeholders across both civil and defence aerodromes, air traffic control establishments, regulatory bodies and sovereign Defence industries. The company's core capabilities include project management across aerospace and defence—from scheduling, stakeholder and cost management, as well as First Nations management. Gunggandji's driving mission is to "provide unmatched value-for-money by increasing Indigenous participation in Aviation, Space and Cyber domains, enabling Australian Defence Force Veteran employment and supporting opportunities to 'Close The Gap'.

Heavy Ion Accelerators

The Heavy Ion Accelerators (HIA) is a network of high-energy ion beam accelerators which represents decades of strategic investment by the leading Australian universities, industry partners and the Australian Government. HIA is the National Collaborative Research Infrastructure Strategy (NCRIS) provider and a founding member of the National Space Qualification Network (NSQN), which has a $1B worth of space qualification infrastructure for immediate, cost-effective testing and accelerated space mission design and delivery.

The Space Irradiation Beamline, hosted at our node at the Australian National University, can emulate the space radiation environment to test electronics, equipment and biological material under the most damaging ionising radiation conditions equivalent to those expected in orbit. This is a service that has never been offered in Australia at such high energies and with a broad range of beam species, ranging from protons at up to 28 MeV in energy, to gold ions at up to 350 MeV.

Our facility's advanced capabilities, affordability, quick access, and collaborative approach position us to meet the rising demands of space exploration and satellite technology and enable Australia's space sector to reach its true potential by increasing understanding of radiation-induced mission risks.

Hensoldt

HENSOLDT is a global leader in sensor solutions for defense and security applications. With a strong presence in key markets, the company leverages cutting-edge technology to address the most pressing challenges faced by armed forces, security agencies, and industrial partners worldwide.

Focus on Space:

Advanced tracking and surveillance systems - reliable detection and characterisation of space objects to mitigate collision risks

Use of high-performance radar systems - Our Spectrum Battle Management Suite (SBMS) for space allows for the use of land-based radio telescopes for reconnaissance and the utilisation of bi- and multi-static radio telescope networks, as demonstrated by HENSOLDT in collaboration with the University of Tasmania in Australia. This enables the creation of a pattern of life for all artificial objects in space, thus enhancing space situational awareness. Furthermore, the analysis of IQ raw data can generate militarily exploitable intelligence and other valuable insights.

Comprehensive space object identification - Our surveillance and tracking capabilities extend beyond mere detection. We identify and classify objects to offer detailed information on their size, speed and trajectory. This intelligence allows operators to make well-informed decisions that minimise risks and ensure the security of operational space assets.

HEO

HEO delivers on-demand non-Earth imagery and insights of spacecraft of interest at scale to government, defense, and commercial customers using a growing constellation of in-space sensors. HEO partners with Earth observation satellite constellations and launches its own non-Earth imaging (NEI) cameras as hosted payloads with the goal to achieve proliferation of NEI sensors on all orbits in the Earth-Moon system. HEO is headquartered in Australia with offices in the UK and USA.

Hypersonix

Hypersonix Launch Systems ('Hypersonix') is an aerospace engineering, design and build company specialising in scramjet engines and hypersonic vehicles. The company has developed the hydrogen powered SPARTAN scramjet engine which has zero CO2 emissions and is capable of operation between Mach 5 and Mach 12. Hypersonix's headquarters is located in Brisbane, Australia and serves a global customer base.

Hypersonix is currently building its first aircraft, DART AE, a fully 3D printed hypersonic test bed manufactured from high temperature metal alloy that flies at Mach 7 and will launch in 2025. This initial flight program is funded by US Defence under the HyCAT (Hypersonic & High-Cadence Airborne Testing) program, together with federal grant funding from the Australian Government awarded in 2022. Hypersonix also has contracts with Kratos Space & Missile Defence Systems, Inc. in the USA, and the UK Ministry of Defence.

iLAuNCH Trailblazer

The iLAuNCH program is a consortium of three universities composed of University of Southern Queensland, the Australian National University, and University of South Australia. We are also joined by CSIRO and their considerable space capabilities. This program interfaces with over 25 industry partners around Australia and internationally who we leverage for support. The space related experience comes from over 30 professors advising 40 plus postdocs and over 60 PhD students across a wide breadth of space activities as well as over 20 researchers at CSIRO. We bring together the hypersonic testing capabilities of UniSQ, the space test capabilities at ANU with the National Space Test Facility as well as the National Space Qualification Network and space research performed at the UniSA in materials and manufacturing research.

Innovation Norway

Innovation Norway is the Norwegian government's leading agency for promoting innovation, entrepreneurship, and business development. They support Norwegian startups, small and medium-sized enterprises (SMEs), and large businesses by providing funding, advisory services, and access to international markets. Innovation Norway actively collaborates with Norway's rapidly expanding space sector, fostering growth in satellite technology, ground station services, and space research. With expertise in Earth observation, maritime monitoring, and Arctic communications, Norway leverages its strategic location to drive advancements in space technology. Additionally, Norway plays a vital role in European space initiatives through its participation in the European Space Agency (ESA).Through strategic partnerships and financial support, Innovation Norway is committed to driving innovation and positioning Norwegian industries at the forefront of global markets.

Inovor Technologies

Inovor Technologies is a world-leading supplier of next generation small satellite technology and subsystems. Our unique low-cost, disaggregated technology has the flexibility to host an extensive range of technical applications including communications, remote sensing, imaging and scientific payloads. Our expertise are in bus platforms, with power systems, batteries, solar chargers, management units, solar panels, attitude control system, controller units, reaction wheels, star trackers, earth sensors, command and data handling systems, mission computers, UHF satcomms radios, payload edge compute units, and much more... With our in-house developed technology, we provide turnkey solutions for commercial, government and research clients wanting missions flown in space. Inovor has a resilient and secure supply chain offering reliability and security to our customers. Inovor also provides specialist services to Defence in the Electronic Warfare and Space Situational Awareness areas. Inovor is home to the 3 Australian flagship satellite missions, SpIRIT (Australian Space Agency), Kanyini (SA Government) and Buccaneer (Department of Defence).

KBR

KBR delivers science, technology and engineering solutions to governments and companies around the world. Combining global expertise with local experience, KBR employs 30,000 people in 34 countries.

KBR has an extensive history in space, providing the operations and configuration of over 700 spacecraft and supporting every US astronaut since 1968. Around 3,000 of our staff work in-house with NASA and have provided critical support to the International Space Station from its design and construction through to its continuously crewed operations today

KBR also has over 20 years-experience supporting the European Space Agency's Human Space Flight Program for the International Space Station. Our capabilities cover the entire spectrum of space-based activity, from Space Domain Awareness, mission planning and execution to astronaut training and spacecraft operations. KBR conducts scientific research and training simulations, perform extreme environment testing for space hardware and equipment, and provide the personnel for every console in NASA's mission control.

For 65 years, KBR and our heritage companies have proudly delivered some of Australia's most complex and challenging engineering projects. Today, we are leveraging our global space legacy to enhance and secure Australian operations through space domain awareness, satellite communications and C4ISR.

LatConnect 60

LatConnect 60 (LC60) is a public unlisted company head quartered in Perth with a Southeast Asian regional office in Kuala Lumpur. It is an end-to-end space based Earth Observation (EO) company that derives vital insights from satellite imagery fused with other forms of data. Insights are delivered as a service through customised platforms to empower government and commercial clients.

LC60 provides Space-enabled solutions, consisting of software platforms, data analytics algorithms and systems to aggregate sensors and data both on-ground and in-orbit. Its business strategy is aligned with current and future space Earth Observation and IoT markets that are advancing at a rapid pace.

LC60 has exclusive access to a very high-resolution multispectral satellite and is developing its own EO satellite constellation with novel sensors to meet growing global market demands for greater insights in sustainability. This was initiated earlier this year, when LC60 was the recipient of an International Space Investment (ISI) grant as part of the Australian Space Agency's ISI India Projects program. The company was awarded nearly $5.8 million to develop and build the first satellite in this constellation to collect information on carbon emissions.

LeoLabs

LeoLabs provides space traffic management and orbital intelligence services through a global network of ground-based radars. Since 2016, the company has tracked objects in Low Earth Orbit (LEO), supporting the safety and sustainability of space operations for commercial, civil, and defence users.

With an expanding radar infrastructure, LeoLabs delivers real-time data and insights to support collision avoidance, satellite operations, and space domain awareness. Recent developments include the opening of the Seeker Space Radar facility in Arizona and the deployment of the new mobile Scout Space Radar, enhancing coverage and responsiveness.

By offering persistent LEO monitoring, LeoLabs supports the growing demand for reliable space situational awareness and contributes to the long-term viability of the orbital environment.

Lunar Outpost Oceania

Lunar Outpost Oceania develops mobility systems to operate reliably in extreme and off-world environments.

Drawing on expertise in autonomy, thermal design, and systems engineering, the organisation adapts space-grade technologies for terrestrial use in sectors such as mining and defence. As co-lead of the ELO_2 Consortium, Lunar Outpost Oceania is leading the technical effort for the design and integration of Roo-ver, Australia's first lunar rover. Supported by the Australian Space Agency through the Moon to Mars Trailblazer Program, the mission will deliver a remotely operated rover to the Moon to investigate regolith properties, supporting NASA's Artemis program. The company applies its engineering capabilities across space and Earth applications, contributing to sovereign space capability and the transfer of innovation to Australian industry.

Leonardo

Leonardo is a global leader in Aerospace, Defence, and Security, trusted by governments, agencies, and enterprises worldwide. Its Space Division spans the entire value chain, from satellites, sensors, and propulsion to launch services, ground stations, operations, and data applications.

The company delivers advanced capabilities in navigation, telecommunications, Earth observation, and next-generation exploration, supporting defence, intelligence, agriculture, disaster management, and maritime surveillance. Leonardo has been central to major missions including Copernicus, COSMO-SkyMed, Galileo, Artemis, and the ISS, providing radar systems, hyperspectral instruments, atomic clocks, star trackers, and pressurised modules. It also contributes to leading science missions such as JUICE, ExoMars, and the James Webb Space Telescope.

In Australia, Leonardo supports national programmes and priorities through projects like the iLAuNCH Trailblazer Program (infrared detectors), the SmartSat CRC EO4MDA project (AI and SAR data for maritime surveillance), and the provision of high-resolution COSMO-SkyMed SAR data to the Australian Maritime Safety Authority.

By combining global expertise with local collaboration, Leonardo delivers world-class space solutions that strengthen science, sustainability, and strategic capability while fostering long-term growth for the Australian space sector.

Neumann Space

Neumann Space is an Australian owned company whose mission is to enable the sustainable economic development of Space. The company is focused on delivering superior mobility in space through the development and manufacture of simple, safe and efficient electric propulsion systems and the commercialisation of those products forsatellites and spacecraft.

The Neumann Drive® marks a revolution in the field of satellite propulsion. Our lightweight products use our patented Centre-Triggered Pulsed Cathodic Arc Thruster (CT-PCAT) technology to convert solid conductive metal rods (including from recycled space debris) into plasma and produce thrust. Our product range creates value for our customers in all space operations and travel.

Neumann Space provides a sovereign in-space electric propulsion capability. With two in-orbit demonstrations completed last year, and another scheduled for later this year, we are now ready to take orders.

Nova Systems

Nova Systems is a global provider of services, integration and products, delivering solutions to make our world safe and secure.
We are leaders in Test & Evaluation, safety and systems assurance; integration; software and digital solutions; aircraft modifications; advanced training and advisory.
With 25-years' experience, we are a trusted partner of Defence, government and industry driving development of space capabilities.
Our specialist expertise covers space systems engineering and mission assurance. Our capabilities include Space Domain Awareness (SDA), satellite communication (SATCOM), electromagnetic spectrum modelling, exploitation and licensing support, launch/return facility design and range operations for safety, licensing regulatory support, modelling and simulation, and training.
Nova's Space Precinct hosts commercial terminals to support space missions and is home to unique SDA capabilities.
Our goal is to facilitate safe and assured access to space and mission success, and deliver integrated ground, sea, air and space-based sensors for actionable insights for real world challenges.
We have a team of about 1500 people globally that includes a dedicated supply chain and offices across Australia, UK, Europe, Asia and NZ.

NSW Space Research Network

The NSW Space Research Network (SRN) is a funding provider and coordinator of space research and activities in NSW and ACT universities. As part of its work the Space Research Network conducts development focussed programs for space research and outreach programmes to engage people interested in pathways into the space sector.

Narada

Narada has been providing ICT solutions to the Commonwealth Government and Defence for several years delivering projects spanning Simulation and Training, Drone Training and Warfighter mission systems. These projects require a deep understanding of related technologies and specifically how Space technologies integrate with broader mission system solutions.

Narada has grown over the past 2 years through successfully winning contracts in Defence, DFAT and the Department of Health.

One Giant Leap Australia

One Giant Leap Australia Foundation is a not-for-profit organisation working to advance STEM and space education and careers by providing opportunities for students and educators to develop their STEM knowledge.

One Giant Leap Australia Foundation offers a wide range of educational programs that cover space science, technology, leadership and space exploration. This includes the Seeds in Space program, investigating the effect of microgravity on plant growth in comparison to seeds on earth, as well as the Asian Herb in Space program that allows Australian students to conduct an experiment using basil seeds provided by JAXA.

In collaboration with former NASA astronaut Greg Chamitoff, One Giant Leap Australia Foundation also runs Space Teams, a virtual space mission providing students with the opportunity to work in teams to conduct their own human space exploration. The Foundation also works to increase the number of women and girls engaged in STEM through the Gadget Girlz program. This program engages a wide range of girls around the world to increase confidence, leadership, communication and STEM awareness.

To celebrate IAC 2025, One Giant Leap Australia will launch Space-Ship 2025, an educational and fun cruise for the whole family. Setting sail after IAC 2025.

OQ Technology

OQ Technology is developing a global constellation of Low Earth Orbit (LEO) satellites to deliver 5G-grade Internet-of-Things (IoT) connectivity directly from space. As the first satellite operator to provide cellular 5G NB-IoT services from orbit, the company is focused on bridging the digital divide by enabling real-time, low-latency communications in remote and underserved areas.

Headquartered in Luxembourg with operations across Europe, the Middle East, and Africa, OQ Technology integrates terrestrial 3GPP standards with satellite infrastructure to support industries such as energy, mining, logistics, maritime, and agriculture.

With multiple nanosatellites already in orbit and continued launches underway, the company is expanding its reach to offer secure, scalable, and cost-effective IoT coverage worldwide. OQ Technology is also pioneering direct-to-smartphone capabilities, positioning itself at the forefront of next-generation satellite communications in Europe and beyond.

Planet

Planet is a leading provider of global, daily satellite imagery and geospatial solutions. Planet is driven by a mission to image the world every day, and make change visible, accessible and actionable. Founded in 2010 by three NASA scientists, Planet designs, builds, and operates the largest Earth observation fleet of imaging satellites. Planet provides mission-critical data, advanced insights, and software solutions to over 1,000 customers, comprising the world's leading agriculture, forestry, intelligence, education and finance companies and government agencies, enabling users to simply and effectively derive unique value from satellite imagery. Planet is a public benefit corporation listed on the New York Stock Exchange as PL.

Space (P4S) – ARC Centre of Excellence

The ARC Centre of Excellence in Plants for Space (P4S) is advancing biotechnologies to support human survival and sustainability in space, while applying these innovations to transform food and bioresource production on Earth. Through research in controlled environment agriculture, plant biology, systems engineering, food chemistry, and space law, P4S is helping reduce reliance on resupply missions and enabling long-duration space habitation. P4S is a national and international collaboration involving leading universities—Adelaide, Flinders, Melbourne, La Trobe, and Western Australia—and a growing cohort of industry partners across the space, agriculture, and food sectors. By 2026, the Centre will host 200 Australia-based researchers, with a goal of training over 400 by 2031.

With a strong focus on entrepreneurship, knowledge exchange, and public engagement, P4S is cultivating the next generation of space-ready innovations and workforce to support Australia's long-term presence in the global space economy.

Quasar Satellite Technologies

Quasar Satellite Technologies focuses on providing a world-leading ground station service for satellite operators and users. Created in 2021 from a partnership with the CSIRO, Quasar's work is underpinned by a mission to provide scalable, cost-effective ground station service solutions for space communications and space domain awareness. Through the company's ground station technology, Quasar can support hundreds of satellite communications simultaneously with a single compact antenna. Operationally, Quasar is addressing the fundamental problems of capacity, cost, sovereignty and interoperability. The company strives to drastically lower the cost of doing business in space through their disruptive satellite technologies, whilst fundamentally changing how communication between earth and space is conducted. Quasar Satellite Technologies announced that the company has been awarded a $5.3M Defence Innovation Hub contract for space communications and space domain awareness. The contract will facilitate the further development of Quasar's multibeam phased array ground station system, which is intended to support hundreds of satellite communications simultaneously with a single compact antenna.

Raytracer

Raytracer is a space and defence-focused SME headquartered in Queensland. The company's capabilities include robotics, AI, spatial computing and prototyping for space and defence applications. Raytracer's mission is to "enable safe and effective work in challenging and remote environments"

In 2020, Raytracer was a recipient of the Australian Space Agency's International Space Investment initiative to develop their Titan Lake project. The Titan Lake project delivers world-first underwater Virtual Reality (VR) simulations to train astronauts in underwater conditions. The various simulations under Titan Lake allow astronauts to experience the weightlessness of space under neutral buoyancy conditions. The technology intends to deliver accessible and efficient training for future manned missions to space.

Raytacer's other major product is CARBON - a command and control stack that utilises that latest in robotics, spatial computing and AI technologies to force multiply exploration and remote operations in space. CARBON has been supported under the Australian Space Agency's Moon to Mars Initiative, and Raytracer is currently partnered with SIAA Foundation Member Optus to utilise CARBON on their upcoming D3 Life Extension Mission.

Raytheon Australia

Raytheon Australia is a Defence and Space Manufacturing company, as well as a lead provider of whole-of-life capabilities for the Australian Defence Force. The company was established in 1999, and is headquartered in Canberra, ACT. Raytheon Australia employs over 1,500 employees, including over 700 engineers and technicians across the country. The company's commitment to developing Australian Industry Capability is ingrained across Raytheon Australia's programs, as well as the company's investment in local SMEs to grow Raytheon's existing supplier portfolio.

The company's capabilities span across Above Water Systems, Joint Battlement Systems, Guided Weapons, Space & Mission Systems and Under Water Systems.

Within the Space & Mission Systems domain, Raytheon Australia delivers multi-domain solutions for clients, providing tactical and strategic satellite communications, space situational awareness, cyber security and asset management. Raytheon leads the management, design and operations of C-Band Radar and Space Surveillance Telescope for both the Royal Australian Air Force and United States Air Force.

Rocket Lab

Founded in 2006, Rocket Lab is an end-to-end space company with an established track record of mission success. Rocket Lab delivers reliable launch services, satellite manufacture, spacecraft components, and on-orbit management solutions that make it faster, easier, and more affordable to access space. Founded in New Zealand and headquartered in Long Beach, California, Rocket Lab designs and manufactures the Electron small orbital launch vehicle, a family of flight proven spacecraft, and is developing the large Neutron launch vehicle for constellation deployment. Since its first orbital launch in January 2018, Rocket Lab's Electron launch vehicle has become the world's third most frequently launched rocket and second most frequently launched U.S. rocket annually, and has delivered 190+ satellites to orbit for private and public sector organizations. Missions launched by Rocket Lab have enabled operations in national security, scientific research, space debris mitigation, Earth observation, climate monitoring, and communications. Rocket Lab's family of spacecraft have been selected to support NASA missions to the Moon and Mars, as well as the first private commercial mission to Venus. Rocket Lab has three launch pads at two launch sites, including two launch pads at a private orbital launch site located in New Zealand and a third launch pad in Virginia.

RMIT University Space Industry Hub

The RMIT Space Industry Hub brings together industry, academia, government, entrepreneurs, and start-ups, to facilitate collaboration, build capability and develop a skilled workforce to meet projected sector growth in the State of Victoria. The Hub also hosts the Victorian node of the SmartSat CRC, connecting Victorian capability with the national ecosystem and serving as a delivery vehicle for projects which align with the CRC's research priorities. The Hub serves as an access point for engagement with international space agencies through existing intergovernmental agreements between various countries, including the UK and the USA. Located in the heart of the city of Melbourne, the Space Industry Hub is the gateway to the breadth and depth of expertise, within RMIT, in advanced communications and IoT technologies, advanced satellite systems, sensors, next generation earth observation services, digital manufacturing for space, cyber and data analytics, spaceflight operations, and space life sciences.

Shoal

Established in 2001, and now with a presence across Australia, New Zealand, and the United Kingdom, Shoal's experienced team has led the development of the early-stage design and development for some of Australia's largest and most complex systems, across defence, space, transport and infrastructure.

Shoal uses an entirely digital approach to complex systems design with strong capabilities in Model-Based System Engineering, Digital Engineering and Modelling, Simulation and Analysis to support the development and delivery of critical systems and assets, minimise risks, and maximise overall project assurance. This capability was demonstrated when Shoal's award-winning 'Shoal Aerospace and Risk Capability' (SHARC) was utilised by JAXA and the Australian Space Agency to help safely return the Hayabusa2 capsule containing the first sub surface asteroid samples to Earth in December 2020. Shoal is directly engaged in furthering the growth of the Australian space industry and was one of the earliest members of the Australian Space Agency's Support Services Panel that was created to help manage launch risks and safety concerns. The company was also a founding member of the SmartSat Cooperative Research Centre, located in Adelaide, which helps foster the development of Australian technologies that can be applied to advanced communications, satellite systems and Earth Observation data services.

SmartSat CRC

SmartSat CRC is a national collaborative research centre focused on developing advanced satellite technologies to support Australia's growing space industry. Funded by the Australian Government, SmartSat brings together universities, research institutions, and industry partners to drive innovation in telecommunications, IoT connectivity, Earth observation, and intelligent satellite systems.

With over 400 researchers, 159 partner organisations, and more than 225 research projects, SmartSat is delivering next-generation capabilities that address real-world challenges across defence, agriculture, mining, and environmental monitoring. The centre also supports a strong talent pipeline through more than 70 PhD scholarships, helping cultivate Australia's future space workforce.

Through the creation of sovereign IP and specialist expertise, SmartSat CRC is enabling high-value technology development, supporting industry growth, and strengthening Australia's position in the global space economy.

Skykraft

Skykraft is an Australian space services company that specialises in the design, manufacture and operation of satellite constellations for the delivery of global services.
Skykraft's satellites are fully reprogrammable in orbit, enabling rapid prototyping and development of new services after launch. This supports commonality in satellite production, reducing cost and provides extreme agility and responsivity in service delivery. Skykraft's satellite constellations can be adapted to a wide range of applications including: communications, command and control, intelligence, surveillance and reconnaissance, electronic warfare, air traffic management and positioning, navigation and timing, space-domain awareness and missile defence.
Skykraft is currently focused on the development and deployment of a space-based Air Traffic Management (ATM) service.

South Australian Space Industry Centre (SASIC)

The South Australian Space Industry Centre (SASIC) is a South Australian Government entity which drives space industry innovation, research and growth in South Australia, with a vision to create a thriving and enduring space ecosystem. Home to the Australian Space Agency and over 100 space-related organisations, South Australia is the nation's centre of gravity for space. From small satellite design and manufacture to launch operations; mission control and ground stations; connectivity and bespoke applications; to data analysis and processing, the state's ecosystem is thriving, building on the opportunities of NewSpace. South Australia is the space to be.

Southern Cross Space

Southern Cross Space is an Australian company enabling affordable, sovereign satellite capabilities for emerging economies and strategic sectors. With decades of local and international experience, the company specialises in the design, manufacture, and integration of custom-built microsatellites, as well as satellite imagery and analytics for applications in defence, infrastructure, agriculture, and research.

Based in Murarrie, Queensland, Southern Cross Space operates a shared manufacturing facility and is actively developing a 50kg satellite bus platform. Its recent work includes providing satellite imagery for emergency response during Tropical Cyclone Kirrily and delivering monitoring solutions for mining, oil and gas, and urban planning.

Through global partnerships across the USA, UK, Middle East, and Pacific, and collaborations with organisations like Gilmour Space and Satellogic, Southern Cross Space supports capacity-building and knowledge transfer—ensuring emerging space nations and industries can access and benefit from space-based technologies.

Southern Launch

Southern Launch expands space exploration from the Southern Hemisphere with end-to-end launch and return services for your next space mission.

Our team of leading engineers, project managers, specialists, and regulation experts work with customers to manage all aspects of space launch and return.

Southern Launch secures all required approvals, including environmental approvals, to undertake space-related activities in Australia on behalf of our customers. Evidence of all permits secured under Australian legislation is provided for every mission.

We work with our customers to find the most efficient path to safe, successful and frequent launch and returns. Your mission. Our expertise.

Space Angel

Space Angel is revolutionising the aerospace industry by creating a regional space-industrial ecosystem through collaboration and a co-design approach for spaceport infrastructure. Key initiatives, such as the Australian Super Space Corridor and the Indo-Pacific Space Corridor, position Space Angel's spaceports in geopolitically stable locations with unique orbital capabilities, tapping into the growing launch market in the Indo-Pacific region.

The company's public-private partnership encourages collaboration among all stakeholders, ensuring their involvement in building the surrounding industrial ecosystems. Space Angel is also a leader in sustainability, developing green spaceports designed for spacecraft re-entry and rapid rocket launches while promoting innovation and environmental responsibility.

Space Angel aims to transform traditional launch sites into environmentally friendly hubs for commercial, scientific, and governmental missions by focusing on education, research and development, and cutting-edge technology. This interconnected ecosystem will drive economic growth, innovation, and STEM education, establishing Western Australia as a leader in regional development. The company’s vision also incorporates defence capabilities into its spaceports, ensuring peaceful exploration and national security.

Space Machines Company

Space Machines Company safeguards critical orbital infrastructure through our distributed approach to space security. Founded in Australia with operations across India, UK and US, we’re transforming space resilience through proliferation rather than isolated assets. Our Orbitside Assist service delivers rapid on-orbit response for space assets at risk, powered by our Optimus Viper spacecraft fleet and AI-driven SolsticeOS platform. We provide protection through networked, cost-effective response units that react at the speed of threats. From awareness to action, we’re committed to securing space operations across all orbits, always.

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Spire

Spire is a global provider of space-based data, analytics and space services, offering unique datasets and powerful insights about Earth so that organizations can make decisions with confidence in a rapidly changing world. Spire builds, owns, and operates a fully deployed satellite constellation that observes the Earth in real time using radio frequency technology. The data acquired by Spire's satellites provides global weather intelligence, ship and plane movements, and spoofing and jamming detection to better predict how their patterns impact economies, global security, business operations and the environment. Spire also offers Space as a Service solutions that empower customers to leverage its established infrastructure to put their business in space.

Spire offers Space as a Service solutions that empowers customers to leverage Spire's established infrastructure to put their business in space. Space Services allows organizations to deploy and scale their own constellation at maximum speed and with minimum risk by leveraging Spire's proven space platform, global ground station network, end-to-end manufacturing facility, and extensive launch partnerships.

Swedish Space Cooperation

The Swedish Space Corporation (SSC) is a global provider of advanced space services, with an underlying mission to 'help Earth benefit from Space'. With over 50 years of experience in the sector, SSC partners with institutional and commercial customers worldwide. SSC's advanced space services include a global network of Ground Stations for LEO, MEO, GEO, Lunar and Deep Space from 21 sides around the world, Launch (orbital and sub orbital), and Spacecraft Operations and Engineering Services. With approximately 600 employees around the globe, SSC has offices in Sweden, Germany, Italy, the Netherlands, Chile, Australia, the USA and Thailand; alongside a global network of ground stations. The ground station network is one of the largest in the world, supported by SSC's 24/7 Network Operations Centres (NOCs) in Kiruna Sweden, and Horsham USA. SSC Space Australia is a ground station, engineering, operations, and maintenance company that has primary responsibility for SSC's Western Australia Space Centre (WASC) near Perth. In addition to operating SSC's satellite station equipment, the company also provides hosting, maintenance, and operations services for customers. SSC is in the process of commissioning the company's first Optical Ground Station (OGS) which will be the first of several stations globally.

Swinburne University of Technology

Swinburne University of Technology has a legacy in space research having unique and unprecedented access to the Keck Observatory in Hawaii since 2008 through the University's partnership with the California Institute of Technology and now via an independent and significant agreement. Swinburne has research programs in Astrophysics, Physics, Engineering, Automation and Control, Civil Engineering, Electrical and Electronic Engineering, Instrumentation and Industry 4.0, and Data Science. These research areas have contributed to the University's expansion in space capabilities including the Space Technology and Industry Institute. Swinburne is one of only a handful of Australian universities with regular missions to space and was the first university to enable student-led research aboard the International Space Station. According to QS World University is one of the World's top 300 Universities (2023) and ranked #61 in the world in space science.

Talent Consulting Group

Talent Consultant Group is a boutique recruitment firm with deep expertise in Australia's Defence, Space, and National Security sectors. With a strong track record supporting SATCOM, ISR, Electronic Warfare, Cyber, and emerging Space programs, they specialise in sourcing security-cleared professionals for technical, leadership, and mission-critical roles.

Unlike traditional recruiters, Talent Consultant Group leverages a whole-of-market approach - activating both active and passive talent networks to deliver fast, targeted results. Their embedded delivery model integrates seamlessly with client teams, helping scale workforce capability without compromising on quality or security.

Recently appointed to a Federal Government Recruitment Panel, Talent Consultant Group continues to support government and industry partners through permanent placements, short-term surge staffing, and hard-to-fill technical appointments. Their addition to the SIAA community brings valuable insight into the evolving talent needs of the space sector and a genuine commitment to enabling sovereign capability through people.

Titomic

Titomic is a global leader in cold spray additive manufacturing, delivering cutting-edge solutions tailored to the extreme demands of the space and defence sectors. With facilities in Australia, the United States, and Europe, Titomic's proprietary cold spray technology enables the production of high-performance components and coatings for advanced aerospace systems.

Key capabilities include:

·Radiation Shielding: Embedding high-density materials such as tantalum, titanium, and copper directly onto structural surfaces to reduce reliance on traditional hardened electronics.

·Thermal Management: Applying dissimilar metals like copper and titanium to regulate spacecraft surface temperatures with lightweight, adaptable coatings.

·Lightweight Manufacturing: Producing near-net-shape titanium parts with minimal post-processing, supporting launch cost reduction and performance optimisation.

·Multi-Metal Functional Coatings: Integrating strength, conductivity, corrosion resistance, and thermal protection into single components for operation in extreme environments.

Titomic co-developed AMS7057, the world's first Cold Spray Additive Manufacturing Specification, in partnership with SAE International. Based on Titomic's TKF process, this standard enables broader adoption across space and defence programs, including those led by NASA and the US Department of Defense.

With a global footprint and a commitment to innovation, Titomic is helping shape the future of space manufacturing.

The University of Adelaide

The University of Adelaide, founded in 1874, is a leading public research institution in Adelaide, South Australia, with a mission to be a 21st-century university for Adelaide. It supports over 25,000 students and 3,500 staff, focusing on global connectivity, talent development, and future-shaping research. The university hosts the Andy Thomas Centre for Space Resources (ATCSR), dedicated to enabling sustainable human presence in deep space through advanced technologies in resource exploration and utilisation. ATCSR collaborates with academia, industry, and government on space missions and technology for lunar and Martian environments, featuring the unique Extraterrestrial Environmental Simulation (EXTERRES) Laboratory. Additionally, the university hosts the annual Australian Rover Challenge (ARCh), attracting international student teams to test rovers in off-Earth scenarios.

The University of Sydney

The University of Sydney is a global leader in robotics and intelligent systems, addressing challenges in space science and technology such as advanced composite structures, hybrid propulsion systems, unmanned aerial vehicles, and satellite systems. With its multidisciplinary expertise, the University develops solutions for security, defense, aviation, agriculture, environmental monitoring, and space exploration. It collaborates with national and international partners, including government agencies, research institutes, and industry experts, to explore new areas of space research. The University's advanced research infrastructure supports a range of projects, offering centralized facilities for research and testing. Key resources include the Sydney Informatics Hub (Artemis 3 Supercomputer), Sydney Manufacturing Hub, Sydney Nanoscience Hub, ViSLAB, and the Sydney Institute for Robotics and Intelligent Systems. Other specialized facilities like the Australian Centre for Field Robotics, CUAVA Training Centre, and the Flight Testing Facility enable cutting-edge research in propulsion, sustainable technology, and unmanned aerial systems, helping to advance the future of space technology and exploration.

University of New South Wales

Established in 1949, the University of New South Wales (UNSW) is a public research university based in Sydney. UNSW is comprised of seven main faculties, with campuses and sub-campuses across NSW, and UNSW Canberra in the ACT. UNSW Canberra Space is a leader in the field of advanced intelligent satellite systems, developing and providing space and artificial intelligence research, technology and education to help meet national and global needs. These needs include secure communications, environmental monitoring, data collection during extreme weather events and bushfires, maritime surveillance and mitigating space congestion risks. UNSW Canberra Space has forged relationships with Government, Defence and the international space community, positioning itself as a trusted partner that can meaningfully contribute to Australia's emerging space capabilities. UNSW Canberra is educating the next generation of space professionals in this rapidly growing sector. UNSW Canberra Space research is aimed at evolving technologies that are essential in areas such as national security, environmental monitoring, emergency management and secure communications. The institution's research priorities include Space Situational Awareness, Space Ethics and AI for Space.

University of Technology Sydney

UTS co-hosts the NSW Space Research Network and has world-ranked research expertise in robotics, telecommunications and AI. UTS Tech lab houses a dedicated 8,000 sqm facility for Defence and Space as part of a larger 18,000 sqm deep tech facility located in Botany just 10 mins from Sydney airport. Tech Lab has a wide prototyping and testing facilities for the manufacturing, assembly, integration and testing of space rated hardware that include a large workshop with CNC machines and 3D metal printers, a large RF Anechoic Chamber, and extensive colocation space for industry partners. Current partners include Space Machines Company, Advanced Navigation, HEO Robotics, VXB Aerospace, Metakosmos, Nokia, Forcys and Chaos1. These partners and UTS form an ecosystem that connects industry, researchers, and government to maximise impact.

The University of Queensland

Established in 1949, the University of New South Wales (UNSW) is a public research university based in Sydney. UNSW is comprised of seven main faculties, with campuses and sub-campuses across NSW, and UNSW Canberra in the ACT. UNSW Canberra Space is a leader in the field of advanced intelligent satellite systems, developing and providing space and artificial intelligence research, technology and education to help meet national and global needs. These needs include secure communications, environmental monitoring, data collection during extreme weather events and bushfires, maritime surveillance and mitigating space congestion risks. UNSW Canberra Space has forged relationships with Government, Defence and the international space community, positioning itself as a trusted partner that can meaningfully contribute to Australia's emerging space capabilities. UNSW Canberra is educating the next generation of space professionals in this rapidly growing sector. UNSW Canberra Space research is aimed at evolving technologies that are essential in areas such as national security, environmental monitoring, emergency management and secure communications. The institution's research priorities include Space Situational Awareness, Space Ethics and AI for Space.

University of Western Australia

The University of Western Australia (UWA) plays a central role in advancing Australia's space capabilities through its International Space Centre (ISC). The ISC brings together researchers from science, engineering, law, and social sciences to drive innovation in areas such as optical communications, remote sensing, and space systems.

UWA is actively developing laser-based optical ground stations for high-speed, secure satellite communications and contributes to major astronomy initiatives through its involvement in the International Centre for Radio Astronomy Research (ICRAR). The university also supports space-focused research in quantum technologies, advanced instrumentation, earth observation, space situational awareness and microgravity.

With over 150 researchers contributing to space-related projects, UWA is building national capability, supporting industry partnerships, and applying space technologies to broader challenges such as environmental monitoring, sustainability, and data analytics.

Varda

VVarda Space Industries in a microgravity-enabled life science company that is accelerating the development of commercial space infrastructure, from in-orbit pharmaceutical processing to reliable and economical reentry capsules. Based in California, USA, with an underlying mission to build a thriving orbital economy, Varda designs, builds, and operates the platforms needed to make low Earth orbit accessible.

On February 21, 2024, Varda landed W-1, the company's reentry vehicle and orbital manufacturing platform, after a successful launch and orbital mission. The W-2 and W-3 capsules landed in the first half of 2025 at SIAA Member Southern Launch's Koonibba Test Range, the first-ever commercial spacecraft to land in Australia. Varda has two more missions planned for 2025 and four scheduled for 2026.

Ventia

Ventia is a leading essential infrastructure services provider in Australia and New Zealand, proudly providing the services that keep infrastructure working for our communities. Ventia is an Australian Securities Exchange (ASX) top 200 company, with a secondary listing on New Zealand's Exchange (NZX). We specialise in the long-term operation, maintenance and management of critical public and private assets and infrastructure, including Defence and Space telecommunications infrastructure networks and assets.

Ventia manages the most comprehensive portfolio of digital infrastructure in Australia and New Zealand. With expert in-house ICT capabilities, Ventia has delivered telecommunications related projects and services of national significance for over 25 years. Our telecommunications teams provide end-to-end service capabilities that span design, supply, construction, installation, commissioning and maintenance of some of the region's largest fibre optic, mobile and critical telecommunications networks and digital infrastructure

Viasat

Viasat is a global communications company and provider of high-speed satellite broadband services and secure networking systems. The company provides satellite data and other services for land, air, sea and beyond—with locations across the US and 20+ other countries. Viasat operates across a range of markets, including, Aviation, Government, Enterprise, Maritime, Energy and Satellite Internet.

Viasat's satellite fleet has been designed to grow with increased global broadband demand—with an intent to deliver 'faster service speed, higher quality and enhanced reliability'. Within the space domain, through the Viasat Hybrid Adaptive Network (HAN), Viasat provides critical satellite communications for mobile forces, enables control of remote sensors, transmits real-time battlefield intelligence, and ties sensors to shooters.

The first of the global ViaSat-3 constellation was successfully launched from NASA's Kennedy Space Center in Florida in 2023. The ViaSat-3 constellation is the company's next generation of ultra-high-capacity, Ka-band satellites, expected to increase Viasat's global coverage and network capacity.

VXB Aerospace

The VXB team is experienced in the development of electric in-space prolusion systems for small satellites, the development of AI models for optimising satellite subsystem design, and the application of advanced analytics to support satellite operations (including satellite collision risk prediction and mitigation). The team also has significant advanced manufacturing expertise with aerospace materials.

VXB is currently based at the National Space Industry Hub with office space and a manufacturing and testing facility. The testing facility includes a medium sized ultra-high vacuum space simulation chamber. The company is expanding its facilities to the UTS Tech Lab in July 2024 to grow production capacity. VXB is developing a range of AI-designed high speed, low cost, high efficiency small satellite propulsion systems (Argon Hall Thrusters), filling a critical regional supply chain need. The first product Zephyr was demonstrated in Q1 2024 with the second thruster Zephyr-M set to fire up in Q2. Both units are set to be ready for launch by Q4 2024. VXB has won two federal grants for the development of commercial space technology, a CRCP grant and a M2M Supply Chain grant.

For more information on the Space Industry Association of Australia and our member organisations please contact us at:

operations@spaceindustry.com.au
@Space Industry Association of Australia
www.spaceindustry.com.au

Dan Lloyd
CEO
operations@spaceindustry.com.au

Isobel Haddow
Head of Membership
isobel@spaceindustry.com.au