CSE Global operate a network of 39 offices in over 20 countries and have been successfully delivering integrated and cost effective solutions to customers for over 30 years.

Commencing operations as a control systems engineering company in Singapore in 1985, CSE Global have steadily grown through strategic acquisitions worldwide and are listed on the Singapore Stock Exchange.

Employing over 1,000 people and with over 95% of revenues achieved outside of Singapore, CSE Global are now one of the world’s largest systems integrators specialising in automation, power, telecommunications and environmental solutions.


CSE Australia’s business entities have been operational for over 90 years and have offices located in Perth, Darwin, Adelaide, Gladstone, Brisbane, Sydney, Melbourne, Auckland and Wellington.

Specialising in automation, instrumentation, electrical and telecommunications systems, we provide engineering, integration, product sales, rental systems, managed services and full maintenance solutions to our customers. We operate in the oil and gas, mining and refining, transportation, utilities, healthcare, emergency services, security and construction industries.
Our business units have a broad set of skills, knowledge and experience in providing complete solutions to our customer’s.

### CSE COMSOURCE
Specialists in lifecycle maintenance services for telecommunication systems, including full service, preventative and corrective maintenance, campaign maintenance planning and technical services.

### CSE CROSSCOM
Experts in two way radio products, accessories and infrastructure, after sales support, service, maintenance installation, rental systems and managed services.

### CSE TRANSTEL
A globally recognised and experienced telecommunications systems engineering, integration, construction and commissioning business with expertise across all facets of communications systems.

### CSE UNISERVE
Specialists in supplying, engineering, installing and servicing advanced technology solutions to protect, monitor and control critical electrical infrastructure.

### CSE W ARTHUR FISHER
A team of experts that supply, install and service electrical and automation systems tailor made to customer specifications in both the North and South Islands of New Zealand.

### Aquisitions
We have steadily expanded our expertise and industry experience by adding the following businesses to our group, these businesses bring additional knowledge, products and experience to our already diverse team.

### MOBILE MASTERS
Two way radio solutions provider operating in Western Australia.

### TETRACOM
Two way radio solutions provider operating in South Australia.

### EZI COMMUNICATIONS
Two way radio solutions provider operating in Queensland.

### COMM8
Two way radio solutions provider operating in Northern Territory.

### ORION NETWORK
Australia’s largest and most reliable private two way radio network providing unrivalled coverage.

### TURBOTRACK
Advanced tracking solution without boundaries to locate assets via radio, cellular or satellite.

### SERVICES
Capabilities Overview

Telecommunications

- AIS
- Advanced vehicle management systems (GPS)
- Berthing aids
- CCTV (Video and Thermal)
- Copper cable networks
- DGPS positioning
- Electronic access control
- Electronic navigational aids
- E-Mustering
- Fibre optic cable networks
- FIDS
- GMDSS
- Gyrocompass
- IP networks
- LAN/WAN/WLAN
- Man over board systems
- Managed rental systems
- Maritime systems
- Marine and aeronautical systems
- Meteorological systems
- Microwave
- Monitored fire detection systems
- Oceanographic
- PABX Telephony
- PAGA
- Paging systems
- People on board system
- Private mobile radio (VHF/UHF)
- Product sales
- Public address/general alarm
- Radar and RACON
- Radio consoles
- Radio frequency identification systems (RFID)
- Rental systems
- Satellite communication
- SDH/PDH
- Security networks
- Ship security alert systems
- Single site and multi-site infrastructure networks
- Structured cabling
- Telecom system interface with process control networks (PCNs)
- Telemedicine
- Telephony
- TNMS
- Trunked radio (analog/digital)
- Video analytics
- Voice over IP (VOIP)
- VSAT
- Wi-Fi

Services

- Commercial network access including the Orion network and the Zeon network
- Consultation and engineering services
- Corrective maintenance
- Frequency planning
- Maintenance planning services
- Managed service contracts
- Manufacturer management
- Predictive RF coverage profiling
- Preventative maintenance
- Project works - fixed, reimbursable, risk/reward models
- Short and long term two way radio rental
- Site surveying and consultation
- System design and installation
- Vehicle installation
We partner with the best brands so we can bring you the latest and most technically advanced products available. Some of the brands we partner with are:

**Partnerships**

**Automation and Telemetry Systems**
- Capacitive, inductive and light sensors
- Data loggers
- Data serial and Ethernet radios
- Industrial Ethernet switches
- Machine safety equipment
- Motors and motor starting devices
- PLC, HMI & SCADA and integrated controllers
- Programmable logic controllers
- Remote terminal units for monitoring and control
- Softstarters
- Variable speed drives

**Engineering Services**
- Customised solutions
- Project delivery
- Service level agreements (SLAs)
- System integration – telemetry and controls

**Process Control**
- Flow control valves
- Instruments for measurement and analysis
- Vacuum systems

**Power Systems**
- Accessories
- Arc flash protection
- Fast acting current limiting protector
- Online transformer monitoring DGA
- Power quality meters
- Protection relays for generation, transmission, transformers, feeders and motors
- Substation hardened Ethernet switches, routers and media converters
CSE Comsource

CSE Comsource are telecommunication systems specialists and provide maintenance and services to customers operating in the oil and gas, mining, transport and infrastructure industries throughout Australia. With an experienced team of maintenance professionals, they are able to engineer and implement detailed maintenance plans specific to your operational needs whilst complying with your company, Australian and legislative standards.

Maintenance planning ensures your telecommunications equipment is operating safely, the team focus on ensuring Integrity Critical equipment has zero downtime to assist in the provision of a safe and productive environment on large scale and complex oil and gas plants and platforms. They work with you to provide more than just a telecommunications system, they can provide preventative maintenance, corrective maintenance and campaign maintenance programs on a scheduled basis. All technicians are qualified to provide the highest levels of service including maintenance planning services, maintenance scheduling and working in hazardous environments with appropriate certifications including TBOSIET, MSIC, EEHA and ICSS.

CSE Comsource’s experience and in-depth knowledge across a broad spectrum of telecommunications technologies used throughout the industry today is unmatched. Their range of expertise covers but is not limited to UHF (TETRA, DMR, P25) radio systems, VHF radio systems, microwave radio, satellite communications, LAN/WAN, CCTV, access control, PAGA, AIS, VoIP, IDS, RFID, PCNs, meteorological systems, ship security alert systems and maritime systems.

Their relationships with key vendors and OEMs allows them to provide additional manufacturer and warranty management, ensuring effective telecommunications without compromise.

Delivering superior services which include design, engineer, test, commission, planning, scheduling, repairs and maintenance.
CSE Crosscom is Australia’s leading commercial communications provider, specialising in the design, supply, rental, service and installation of two way radio systems. They provide telecommunications solutions to a wide variety of industries such as mining, oil and gas, airports and aviation, transport, construction, manufacturing, emergency services, government and security businesses.

Partnering with you, they develop innovative and cost effective solutions to improve workplace safety, connectivity, productivity and operational performance. Being brand agnostic means they only offer you communication solutions that are best suited to your individual operational and financial requirements. With access to all leading brands, you can guarantee you will only receive genuine and high quality products from suppliers such as Motorola Solutions, Tait Communications, Kenwood, Icom, Vertex Standard and GME to name a few.

Specialists in digital and analogue two way radio communication, their experience includes but is not limited to two way radio sales and rental, infrastructure networks, commercial network access, data applications, frequency planning, site surveying and consultation. Other services include system design and installation, system maintenance and repairs, vehicle installation, asset management, managed service contracts and advanced vehicle management systems (GPS).

Also specialising in trunked and conventional radio systems, they have in-house technicians that will advise you on the latest technological advancements to ensure that the investment in your new system, whether it be purchased or rented, provides you with the optimum solution for your business needs.

*Improving business productivity and workplace safety with integrated two way radio and data solutions*
CSE Transtel

CSE Transtel are the communications solutions provider of choice for the oil and gas, petrochemical, energy, marine and mining industries. They are one of the world’s largest and most experienced telecommunication system integration companies and are able to draw upon their global expertise and resources to ensure projects are delivered on time.

CSE Transtel design, build, integrate and manage multi-vendor communication systems with accuracy and attention to detail. They have a proven track record of delivering some of the most complex and demanding communications solutions in some of the world’s harshest environments.

For projects, they offer fixed lump sum EPC contracting, design, construction, engineering and integration models or they can provide other contracting arrangements to suit customer’s needs. From their engineering centres they are able to provide experienced telecommunications engineers to assist with or take full responsibility for designing and engineering solutions, FEED studies, commissioning plans or budgeting exercises. It is from these engineering centres that they build, fit out and run IFAT’s on telecommunications cabinets and systems.

The procurement of equipment and hardware is conducted by a skilled team of experts who secure only the very best quality equipment.

Design, construct, integrate and manage end to end telecommunications solutions for customers operating in mining, oil and gas, rail, aviation and infrastructure industries
CSE Uniserve take a consultative approach and add value through their focused engineering, high quality, predictable and reliable service and factory certified sales support. With a team of specialised engineers and technicians who have been working in their respective fields for years, they are able to offer unsurpassed expertise on the systems and equipment they offer. With extensive knowledge across the broad spectrum of technologies used throughout the industry today, they are able to utilise their established relationships with key vendors and OEM’s to provide additional support and confidence for our customers long into the future.

CSE Uniserve has been providing secure and stable electrical control and electronic communication systems for more than 30 years. Their experienced team delivers engineered products and integrated solutions across multiple market segments including motor starting, speed control, power quality solutions, primary equipment, power system protection, power system control, high availability industrial networking, monitoring, diagnostics, automation technology, terminal block systems and energy management technology.

With a wide selection of high quality products and solutions, CSE Uniserve are the supplier of choice for customers requiring power, automation, communications and protection systems. They service a wide range of industries across Australia including transportation, energy generators, mining and refining, food production and processing and power and water utilities.

Working with customers to find innovative and technically advanced products and solutions to protect, monitor and control critical electrical infrastructure.
CSE W Arthur Fisher have been operating as a supplier and systems integrator of power, instrumentation, communications and control systems since 1927. Their extensive portfolio of world-class products and services include many well-known brands, all of which are supported by their local engineering, service and sales teams.

In 2009, W Arthur Fisher Limited merged with CSE Uniserve NZ Limited and a new company named CSE W Arthur Fisher Limited was formed. The combined expertise from both companies created a formidable force in the marketplace, they have firmly established themselves as one of New Zealand’s largest and most diversified suppliers of control, electrical, automation and communications products and systems.

Their qualified team of engineers offer design, engineering services, integration, installation, commissioning, product sales, service, maintenance and training for a wide range of plant automation, telemetry, radios and SCADA applications and can also manage all stages of a project. Their service engineers are fully qualified and trained to provide on or offsite instrument inspection and repair, plant audits, valve and pump repairs and reconditioning.

With over 90 years of experience, CSE W Arthur Fisher are specialists in delivering turnkey electrical and automation solutions to the transportation, water, power and energy, mineral processing, oil and gas, communications, agriculture and irrigation industries throughout New Zealand and the Pacific Islands.

Delivering quality products and solutions to monitor, control and protect electrical assets across all industries in New Zealand and the Pacific Islands.
Company growth

At CSE Australia, we pride ourselves on our ability to acquire businesses to enhance the repertoire of products and services we provide our customers. The past few years has seen steady growth within our telecommunications sector through the acquisitions of Mobile Masters, Tetracom, EZI Communications and Comm8.

2004 Acquired Uniserve  
2008 Acquired W Arthur Fisher  
2011 Acquired Astib Group trading as Comsource and Memo Communications  
2015 Acquired Crosscom  
2015 Acquired 25% shares in Orion Network  
2016 Acquired Mobile Masters  
2016 Acquired further 25% shares in Orion Network  
2016 Acquired Tetracom  
2016 Acquired EZI Communications  
2017 Acquired Comm8
Mobile Masters were acquired by CSE Global in February 2016. They are specialists in digital and analogue two way radio communications, repairs and maintenance and GPS tracking solutions. Established in 1984, they built their reputation on delivering efficient, safe and innovative communication systems. From the control room to the field, their primary focus is to enhance productivity and safety by linking people, places and infrastructure.

Operating from a fully accredited service centre in Osborne Park, Western Australia they consult, design and engineer custom radio infrastructure systems and install fleet radio solutions to suit any terrain and vehicle model. Handling all repairs in-house wherever possible ensures fast turnaround with minimal down time.

Since their acquisition, Mobile Masters have integrated with the CSE group and now operate as CSE Crosscom. They continue to service the Perth commercial market and continue to be innovative leaders in the communications industry.

*Delivering tailored radio communication systems and infrastructure to support a connected workplace*
Tetracom were acquired by CSE Global in July 2016. Established in 1995, they are experts in designing, engineering, installing and servicing tailored radio communications solutions to suit both CBD and regional coverage requirements.

With their large workshop facility in South Australia, they design, test, service and provide 24/7 back up support to their customers. They work closely with customers to design a communications solution that meets unique budgetary requirements, project timelines and service delivery benchmarks. Drawing on the knowledge of their in-house RF experts, they are 100% confident their radio systems are unrivalled in terms of robustness, reliability and cost efficiency.

Proudly aligning with partners like Tait Communications, Motorola Solutions, Icom, Kenwood, Vertex Standard and GME, they always seek to trial and deploy new technologies to ensure their solutions are innovative and progressive. They have experience in supporting customers from industries such as state government, local council, construction, mining, oil and gas, manufacturing, transportation, hospitality, security and event management.

Still servicing the South Australian market, they now operate as CSE Tetracom to showcase their association with the CSE group. Being able to draw upon the extensive experience within the group will help them continue to be a major player in the radio communications industry.

Providing intelligent radio communications, superior support and maintenance for teams on the move
EZI Communications were acquired by CSE Global in September 2016. They are based in Gladstone, Queensland and provide telecommunication products and systems to mining, government, civil, energy, industrial and oil and gas sectors. With a core focus on customer service, superior products and after sales support, they have a specialised team with technical skills and expertise that provide customers with reliable communication systems.

The team are specialists in two way radio, service and repairs, installations, engineering and design, maintenance agreements, rental and hire. Delivering more than radio communication they are also experts in CCTV, security systems, satellite phones, fibre optics, data cabling and MATV, computer networking, microwave radio point-to-point (multi point) backhaul solutions and data cabling validation and certification.

They continue to evolve and position themselves to provide telecommunications for ‘tomorrow and beyond’ whilst still providing the much needed service, support and technical assistance for older generation equipment. With a broad range of experience, the team provides customers with the best solutions in the market, surpassing customer expectations and satisfying all communication needs.

Still servicing the Queensland region, they now operate as CSE Comsource Queensland. The added benefit of being part of the CSE group of companies allows them to utilise the groups experience, knowledge and resources so they can provide additional products and services to their customers.

Delivering wireless network solutions, network management and automation, security, CCTV and mobile technology.
Comm8 were acquired by CSE Global in February 2017 and make the perfect addition to round out the highly qualified and versatile telecommunications businesses we have within the group. Based in Northern Territory, they have a well-equipped workshop in Darwin and a development office in Sydney. With in-house expertise they design, engineer, install and commission telecommunication systems as well as provide ongoing support with service and maintenance contracts.

Equipped with some of the latest communications test equipment and more than 60 years combined technical expertise, there is no communications project or maintenance contract outside of the scope of Comm8. BTS technicians and riggers are all WAH and EWP endorsed and Comm8 operates to ISO 9001 and OHAS 18001 Quality and OH&S Systems.

They have outstanding knowledge and a proven track record in being able to approach the difficult conditions unique to the Northern Territory and remote Australia. They have ongoing communications contracts throughout Australia and the Asia Pacific for government, mining, oil and gas and large commercial fleets. Providing more than two way radio communication, they also have extensive knowledge in wireless data, satellite solutions, vehicle and asset tracking, software solutions and solar energy.

Still servicing the Northern Australia market they continue to trade as Comm8 but are now able to draw upon the CSE group’s knowledge, experience and resources.

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*Extensive experience in designing, implementing and maintaining radio communication system*
The Orion Network ensures your workforce is always connected and offers unrivalled digital two way radio coverage in and around Sydney, Newcastle, Melbourne, Perth, Canberra, Adelaide, Brisbane and Darwin. Founded by a group of leading mobile communication experts which include Mobile Masters, Crosscom and Tetracom, the Orion Network is backed by an aggressive growth strategy and serviced by the most comprehensive network of engineers and technicians in the industry.

Powered by Motorola’s MOTOTRBO™ Connect Plus digital mobile radio technology, voice and data services are integrated into one device to enable clearer, faster and more versatile extended range communications. Orion repeater base stations are strategically located in each jurisdiction, automatically registering your location to ensure seamless roaming between sites.

Orion’s scalable network platform offers flexibility for single and multi-site operations with mobile and portable two way radio solutions uniquely programed to your individual requirements. Multi-site digital trunking technology increases capacity and enables automatic site roaming over extended ranges with superior voice clarity and secure transmission.

Backed by leading mobile communication experts, the Orion Network is the provider of choice for transport, logistics, local government, events, security, utilities and resource sectors.

Whether in an office, factory, stadium or vehicle - the Orion Network provides critical system features to ensure your workforce is always connected.
TurboTrack

TurboTrack is a complete asset management tool that can provide vehicle management, WHS monitoring, alarms and incident management as well as improved productivity and time management. TurboTrack has developed a unique interface that features sophisticated tracking information globally accessible online. It combines the technologies of Motorola portable and mobile radios, satellite devices and cellular GSM and UMTS tracking devices on a single easy-to-use interface.

Some key features of TurboTrack include real time tracking so you can view your vehicles, staff or radios from anywhere in the world with an internet connection to monitor speed, direction and location of your assets at any one time. Replays allow you to select an asset, date and time to replay, emergency response includes emergency calls and man down alarms and geo-fence provides entry and exit alerts among other custom designed features.

The Motorola network is widely used and renowned for its high tech capabilities and reliability of performance. The Motorola MOTOTRBO two way radio tracking range includes mobiles and portables that enable businesses to view critical location, telemetry and text information in an instant using a radio network that connects the office directly with operators in the field.

The Cellular Family are the most advanced GPS/GLONASS vehicle tracking units on the market, utilising mobile communication technology to relay data with the ability to provide practical custom reporting features. These units can be installed into any vehicle or asset for use in metro and non-remote areas using the Next G network and are programmable to record, transmit and report on multiple functions.

In more remote areas, a high tech satellite solution such as SkyWave can provide a programmable, low-power solution that monitors, controls and manages mobile and fixed assets. Satellite products offer much in the way of programmable features, including emergency use and two way communication.

Transport, contractors, mining and fleets improve productivity and save resources by using this GPS tracking solution
At CSE Australia, we are committed to establishing and maintaining robust systems to protect the health and safety of our people, the natural environment and the communities in which we operate. The delivery of our products and services are governed by solid practices that have developed over time based on the principle of continuous improvement.

The same measures and actions that we apply to ourselves for all HSEQ matters are instilled into our suppliers and subcontractors, and we actively work with our customers and end users in the establishment of KPI’s directly related to positive HSEQ performance outcomes in all of our contractual undertakings.

At CSE Australia, nothing is more important than the safety and wellbeing of our people and we ensure that rigorous and planned quality and environmental measures and actions are embedded into the way we work.

Our integrated HSEQ management system has been independently certified to recognised international standards; ISO9001 (Quality), ISO14001 (Environmental) and OHSAS18001 (Occupational Health & Safety)
Our company now consists of over 1,000 staff worldwide. With a team of highly qualified and committed professionals, we are able to support a variety of large projects in industries such as mining and refining, oil and gas, transportation, utilities, healthcare, security and construction. As our business grows in size and complexity, we know our people are our key competitive advantage in the ever changing business world.

As well as growing in numbers we are always evolving to make sure we are at the forefront of the latest market leading technology. Ensuring our staff are capable and competent to deliver on large projects is fundamental to our company. The products available can be complex and we understand that it takes a team of specialists to be able to understand and implement the best solution for our customers.

We continue to invest in the development of our people by providing them with opportunities to learn from our global network of diverse business units. With the ever present evolution of new technologies in our specialist fields, we believe in training our people because we know we cannot remain number one without doing so. Through safety, improvement, innovation, honesty, integrity and responsibility we are committed to becoming the regions’ largest and most technically competent partner for our customers.

We encourage our people to work collaboratively and are supportive of ideas to bring innovation and teamwork to everything we do.