



CONSOLIDATED
ELECTRICAL
SOLUTIONS

CAPABILITY STATEMENT 2026

Building a culture
of **ownership**,
accountability
and **respect**.

coelect.com.au

End to End Delivery.
Single point **Accountability**.





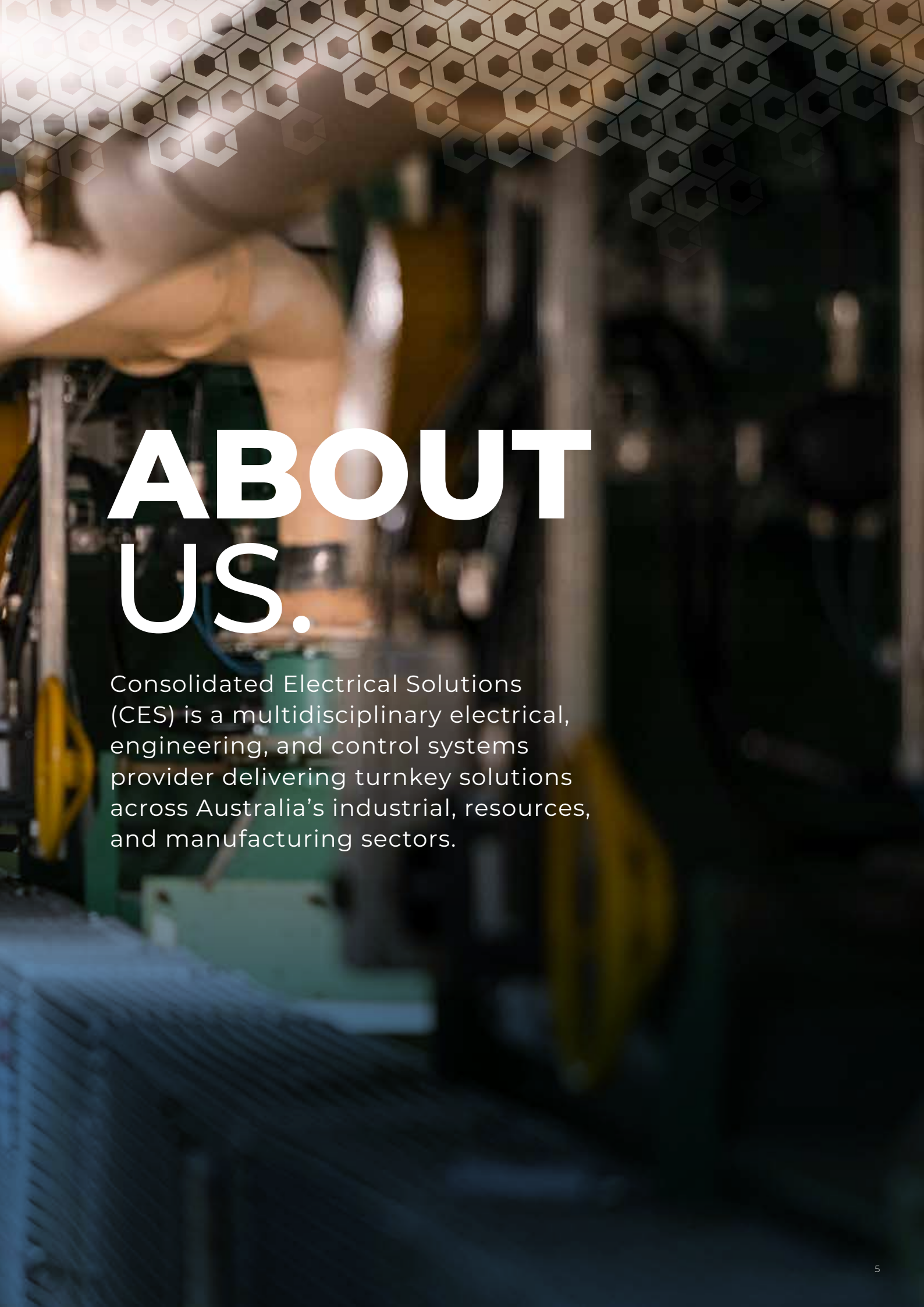
CONSOLIDATED ELECTRICAL SOLUTIONS

CAPABILITY STATEMENT 2026

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ABOUT US.

Consolidated Electrical Solutions (CES) is a multidisciplinary electrical, engineering, and control systems provider delivering turnkey solutions across Australia's industrial, resources, and manufacturing sectors.



ABOUT US

COMPANY OVERVIEW

Consolidated Electrical Solutions (CES) is a multidisciplinary electrical, engineering, and control systems provider delivering turnkey solutions across Australia's industrial, resources, and manufacturing sectors.

We combine the capability of an engineering house with the execution strength of a contractor, enabling us to design, build, integrate, and deliver complete electrical and control infrastructure from concept through commissioning. Our in-house teams span Engineering, Technical Services, Delivery, Procurement, Service, and People & Culture, allowing us to operate as a single integrated partner for our clients.

We are driven by a commitment to technical excellence and operational discipline, supported by robust processes aligned to ISO 9001 (Quality), ISO 14001 (Environmental Management), and ISO 45001 (Safety). These frameworks underpin our approach to project delivery, risk management, and continuous improvement, ensuring CES consistently provides safe, reliable, and high-performing outcomes.

At CES, our culture is defined by three core values - **Ownership, Accountability, and Respect** - guiding how we work with our people, our clients, and the communities we support. These values shape every interaction, every project, and every decision, establishing CES as a trusted partner known for integrity, technical capability, and a commitment to delivering end-to-end solutions that stand the test of time.

OUR TEAMS

[Support Team](#) | [Supply Team](#) | [Technical Team](#) | [Service Team](#)

Our culture is defined by three core values - **Ownership, Accountability, and Respect** - guiding how we work with our people, our clients, and the communities we support.



ABOUT US

SECTORS WE SUPPORT



We are proud to offer services to diverse industries. Delivering end-to-end solutions that enhance operational performance is what gives us fulfilment.

Our expertise spans complex project delivery, system integration, modernisation of existing assets, and long-term technical support, enabling clients to achieve safe, efficient, and reliable outcomes across critical facilities and operations.



MINING & RESOURCES

- Fixed-plant electrical and instrumentation + SMP
- Control system upgrades, PLC/SCADA integration and optimisation
- MCC and switchboard design, build and installation
- Brownfield infrastructure upgrades and commissioning.



INDUSTRIAL MANUFACTURING

- Automation and machine integration
- Electrical installation and plant upgrades
- Instrumentation, calibration and process optimisation
- Preventative and breakdown maintenance support.



UTILITIES & ESSENTIAL SERVICES

- Electrical infrastructure upgrades and network modernisation
- SCADA, PLC and telemetry systems integration
- Commissioning, compliance verification and system testing
- Ongoing technical support and operational reliability services.



COMMERCIAL SECTORS

- Full electrical installation and distribution upgrades
- Energy-efficient solutions and equipment installation
- Control system integration for processing environments
- Maintenance, repairs and lifecycle asset support.



FOOD, BEVERAGE & COLD-STORAGE FACILITIES

- Process-line electrical and automation works
- Temperature-controlled facility infrastructure
- Instrumentation and monitoring systems
- 24/7 service support and compliance-driven upgrades.



INFRASTRUCTURE & FACILITIES

- Power distribution, lighting, communication systems
- Control infrastructure installation and commissioning
- Facility upgrades, refurbishments and asset maintenance
- Integrated engineering, procurement and construction delivery.

ABOUT US

OUR CLIENTS

CoElect delivers end-to-end electrical, control and automation solutions across complex operational environments. Our capability spans installation, upgrades and integration of power distribution, control systems and instrumentation, supported by energy-efficient design, compliance-led delivery and robust lifecycle asset support.

We provide integrated engineering, procurement and construction services, managing everything from commissioning and system optimisation to ongoing maintenance and 24/7 support. This coordinated approach ensures reliable performance, operational continuity and future-ready infrastructure for our clients.

Infrastructure & Facilities



Mining & Resources



Industrial Manufacturing



Utilities & Essential Services





CES combines the capability of an engineering house with the execution strength of a contractor, enabling us to design, build, integrate, and deliver complete electrical and control infrastructure from concept through commissioning.



ABOUT US

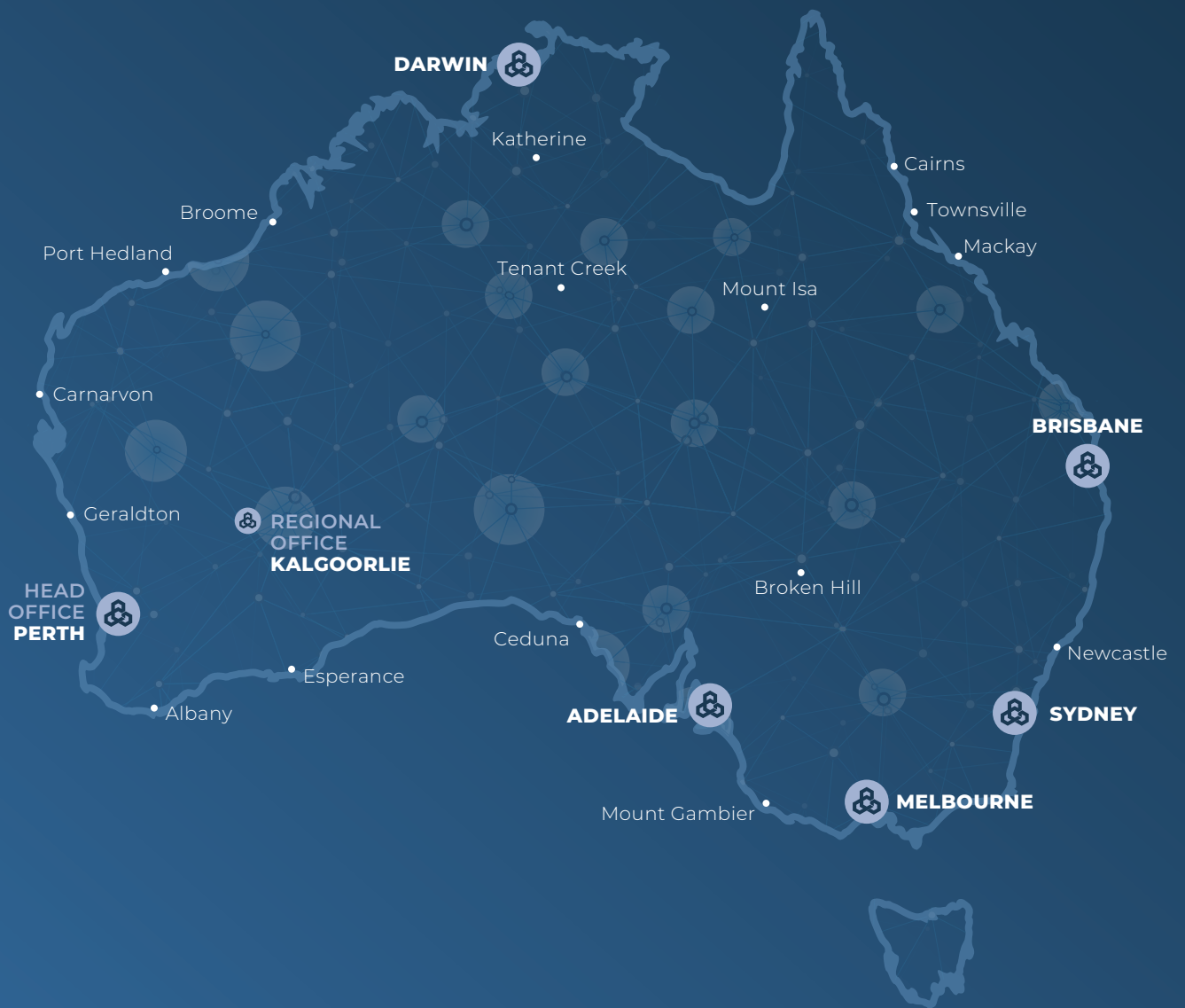
OUR REACH

From the remote mine sites of Western Australia and the Northern Territory to complex industrial assets in South Australia, Queensland and New South Wales, our teams are equipped to mobilise nationally. We support projects of every scale—new infrastructure, brownfields upgrades, modular vendor packages, fuel systems, dewatering networks, camp facilities, non-process infrastructure, commercial installations and ongoing maintenance services.

Our technicians, engineers and delivery teams work seamlessly across borders, supported by a strong logistics network, regional partnerships and a culture that prioritises safety, compliance and operational excellence. Whether it's designing and constructing control systems, installing hazardous area equipment, delivering turnkey skids, refurbishing switchrooms, or providing 24/7 service support—CES brings the same level of expertise and professionalism to every location.

Operating nationally allows us to deliver consistency, quality and certainty for clients with distributed assets or operations spanning multiple regions. No matter how remote the site or how challenging the environment, CES has the capability, personnel and experience to deliver.







ABOUT US

OUR EXPERIENCE

CES brings extensive experience delivering multidisciplinary electrical, instrumentation and control system projects across Western Australia's mining, industrial, utilities, commercial and food-processing sectors.

Our team has supported clients from early engineering and design through procurement, construction, commissioning and lifecycle asset support. We specialise in turnkey control infrastructure, MCCs and switchboards, complex brownfield upgrades, and high-reliability automation and electrical works in operational environments.

EXPERIENCE AT DEPARTMENT LEVEL

Engineering & Design

Our Engineering Department has delivered detailed electrical, instrumentation, control system and network designs for major brownfield and greenfield projects. Their experience includes functional design, drafting, panel design, equipment selection, PLC/SCADA architecture and constructability planning for projects such as CBH Geraldton, Polaris Balranald, and Viva Energy Karratha. The team provides the technical foundation for safe, compliant and efficient project delivery.

Technical (Control Systems, Panels & Automation)

The Technical Department specialises in automation, PLC/SCADA integration, switchboard and MCC manufacturing, functional testing and commissioning support. Their experience includes delivering turnkey control infrastructure and system upgrades for Kailis Bros, Northbridge Coffee Roasters, and industrial processing clients requiring high uptime and precision controls. The team ensures systems operate reliably and integrate seamlessly with client operations.

Delivery (Construction & Commissioning)

Our Delivery Department has a strong track record managing site-based electrical and instrumentation works, including installation, testing, verification and commissioning. This team has executed large-scale works across CBH Geraldton, Oakover Winery, Nicola Estate, and various industrial and commercial facilities. Their capability extends from shutdown execution to complex brownfield tie-ins and live-environment risk management.

Supply & Procurement

The Supply Team delivers procurement, logistics coordination, vendor engagement and material cost control across all CES projects. Their experience includes sourcing specialist equipment, managing long-lead items, and coordinating high-volume procurement packages for projects such as Polaris Balranald and Viva Energy. The team ensures cost certainty, delivery accuracy and compliance with technical specifications.



Service & Asset Support

The Service Department provides ongoing maintenance, breakdown support, minor works, inspections and lifecycle asset management across mining, industrial, food processing and commercial clients. Their experience includes reactive and preventative electrical works for Kailis Bros, European Food Company, cold-storage facilities and other operational environments requiring rapid response and reliable technical support.

HSEQ

Our HSEQ Department leads safety governance, environmental management, quality assurance and ISO compliance (9001, 14001, 45001). They have implemented and monitored systems across all major CES projects, including high-risk installations and complex commissioning activities at CBH and Viva Energy. Their experience ensures safe systems of work, strong risk management and continuous improvement across the business.

People, Culture & Compliance

The People, Culture & Compliance function at CES underpins safe, ethical, and high-performing project delivery by fostering a culture of ownership, accountability, and respect.

Through clear role accountability, leadership engagement, and structured development pathways, CES supports a capable and motivated workforce aligned with client, industry, and business expectations.

Compliance is embedded into everyday operations through ISO-aligned management systems for quality, environment, and health and safety. Supported by strong governance, proactive safety leadership, and continuous improvement processes, this function ensures CES delivers work responsibly, protects its people and stakeholders, and sustains long-term business performance.



ABOUT US

CORE CAPABILITIES

We provide integrated engineering and delivery services across all Production-based industries. Our capability spans design, procurement, construction, commissioning, and asset support, supported by ISO-aligned safety and quality systems.

This end-to-end approach enables reliable turnkey delivery of project execution, regulatory compliance, and sustained performance across complex operational environments.



ELECTRICAL & INSTRUMENTATION

Delivering complete E&I solutions across industrial, mining and commercial sectors, including installation, termination, testing and calibration. Ensuring high-reliability performance through precise execution and strict adherence to standards.



CONTROL SYSTEMS & AUTOMATION

Specialists in PLC/SCADA architecture, programming, integration and optimisation for new and existing facilities. Providing end-to-end automation support - from concept and functional design through commissioning and lifecycle enhancements.



ENGINEERING & DESIGN

Multidisciplinary engineering capability covering electrical, instrumentation, control, networking and system architecture. Offering detailed design, drafting, functional safety considerations and constructability-driven solutions.



PROCUREMENT & SUPPLY

Dedicated supply team delivering strategic procurement, vendor management, cost control and logistics coordination. Ensuring timely, compliant and cost-effective supply of materials, equipment, switchboards, MCCs and specialised components.



CONSTRUCTION & COMMISSIONING

Comprehensive delivery of construction, installation and commissioning works for brownfield and greenfield projects. Experienced in turnkey control infrastructure builds, ensuring seamless integration and verified performance.



MAINTENANCE & ASSET SUPPORT

Providing scheduled, preventative and breakdown maintenance across electrical and control systems. Supporting asset reliability, uptime and lifecycle extension through responsive service and technical expertise.



HSEQ & COMPLIANCE

Driven by ISO-aligned systems (9001, 14001, 45001) ensuring safety, quality, environmental responsibility and governance. Embedding ownership, accountability and continuous improvement across project planning, site execution and service delivery.



ABOUT US

OUR TEAMS

Our integrated teams - support, supply, technical, delivery, and services - work collaboratively to provide governance, engineering expertise, commercial insight, project execution, and ongoing asset support, enabling safe, compliant, and efficient outcomes across our diverse portfolio of clients.



SUPPORT TEAM

The Support Team underpins the entire CES business, providing the frameworks, governance, systems and services that enable operational teams to perform efficiently and safely. This team ensures CES operates as a compliant, financially disciplined and people-focused organisation.



SUPPLY TEAM

The Supply Team manages CES's procurement strength, commercial intelligence and pipeline development. They support all project departments by ensuring accurate pricing, reliable procurement, strong supplier relationships and disciplined commercial decision-making.



TECHNICAL TEAM

The Technical Team is at the centre of CES's engineering and technical capability. They deliver the design, technical support and specialist expertise required for CES's turnkey control infrastructure, automation and electrical solutions. Client facing, the Technical Team operates as an entity within the group.



DELIVERY TEAM

The Delivery Team is responsible for executing CES projects safely, efficiently and in line with contractual requirements. They are the face of CES on major construction and infrastructure projects, delivering high-quality outcomes for clients.



SERVICE TEAM

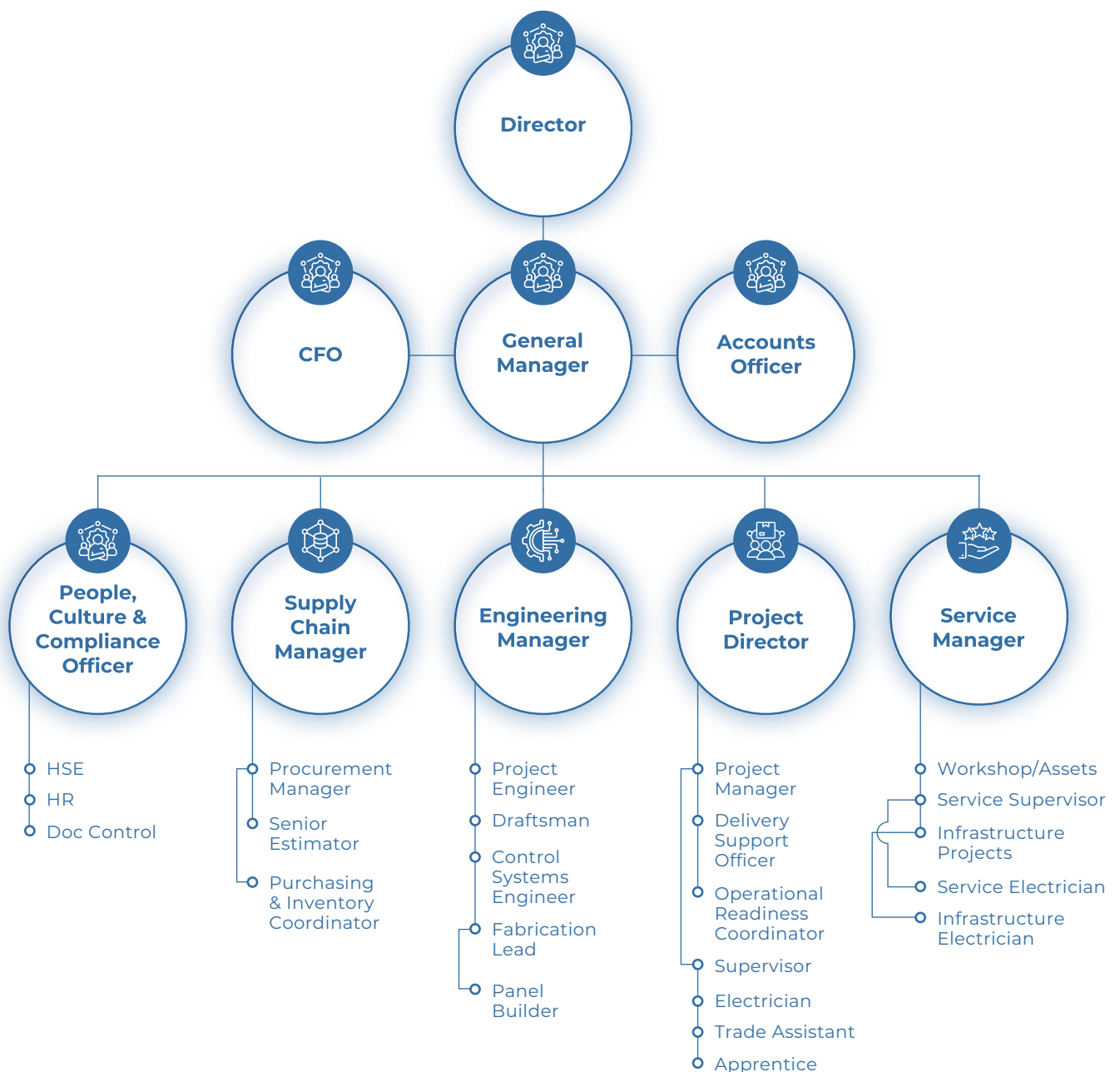
The Service Team manages all service, maintenance and Infrastructure services works (typically < \$100k). They provide fast-turnaround solutions, client support, ongoing maintenance and small projects that require agility and strong client engagement.

ABOUT US

OUR PEOPLE

CES operates through an integrated organisational structure comprising Support, Supply, Technical, Delivery, and Service teams.

Each team has defined leadership and specialist functions, working collaboratively under central governance to enable efficient decision-making, strong technical outcomes, disciplined commercial control, and consistent project and service delivery across the business.





ABOUT US

OUR VALUES

We are guided by strong ethical conduct, accountability, and transparent communication. Our customers are at the centre of decision-making, building trusted, long-term relationships through consistent and principled actions.

ETHICS

- Maintain the highest standards with customers, team members, stakeholders and our communities
- Value and reward open, honest and two – way communication
- Be accountable for our conduct and our decisions
- Only make promises you intend to keep – do the things you say you'll do
- If things change, let people know.

CUSTOMER SATISFACTION

- Consider the customer in all stages of operation
- Exceed the expectations of internal and external customers
- Do what's right for the customer, be consistent with your approach
- Build long term customer relationships.

LEADERSHIP & PERSONAL ACCOUNTABILITY

- Lead by example
- Make decisions locally, close to the customer
- Consider the customer, stakeholders, team members and community needs when making decisions.

DIVERSITY

- Respect differences among team members, customer and communities
- Behave in a way that supports our values
- Take advantage of different perspectives
- Support the diversity of our team members, customers and communities
- Leverage diversity as a competitive advantage.



Leadership is shared across our teams, empowering individuals to act responsibly and locally. We actively embrace diversity, valuing different perspectives to strengthen performance, culture, and sustainable competitive advantage.



ABOUT US

OUR APPROACH

We understand that every customer has different requirements, so we work with the customer and other stakeholders to create solutions to exceed their expectations - on time and on budget.

Combining an ISO 9001:2015 certified quality management system along with our AS4801: 2001 certified workplace health, safety and environmental accreditation we provide a turnkey design, procurement and construction approach, ensuring we deliver customer projects with the best quality results.

OUR COMMITMENT TO COMPLIANCE



CES is committed to operating in full alignment with **ISO 9001 (Quality)**, **ISO 14001 (Environmental Management)** and **ISO 45001 (Safety & OH&S)**, embedding these principles into every role, department and project we deliver.

Across the business, our people take ownership for applying ISO-aligned processes—ensuring safe work practices, quality outcomes, environmental responsibility, clear documentation, controlled change management and continuous improvement. From engineering and design through to procurement, delivery, service and asset support, each team member contributes to maintaining compliant systems, reducing risk, upholding regulatory requirements and improving the way we work.

This commitment forms the backbone of CES's culture of accountability and respect, ensuring we deliver consistent, reliable and safe outcomes for our clients, our people and the communities we work within.





How We Enforce Our Commitment to Safety

CES enforces its commitment to safety through disciplined systems, accountable leadership and empowered people. Our approach is built on ISO 45001 principles and embedded into every stage of our work. We uphold this commitment by:

Robust, ISO-aligned HSEQ Management System

Maintaining a robust, ISO-aligned HSEQ Management System that guides our planning, risk management, documentation, incident reporting and continuous improvement processes.

Safety responsibilities into every role

Embedding safety responsibilities into every role, ensuring all personnel—leaders, supervisors, trades, engineers, delivery teams and support staff—understand their obligations and demonstrate safe behaviours daily.

Risk assessment and control measures

Comprehensive risk assessment and control measures, including SWMS/JHAs, pre-starts, toolboxes, hazard identification and effective communication before and during work.

Qualified Employees & Contractors

Competency, training and verification, ensuring all employees and contractors are qualified, inducted and confident in the tasks they perform, with specialised training provided for high-risk activities.

Active supervision

Active supervision and leadership accountability, with supervisors and managers conducting field leadership interactions, audits, inspections and real-time coaching to reinforce safe practices.

Transparent reporting

Transparent reporting and incident management, encouraging early reporting of hazards, near misses and improvement opportunities, supported by structured investigation and lessons-learned processes.

Collaborative engagement

Collaborative engagement with clients and workers, ensuring shared expectations, aligned controls and safe interfaces across project sites and operations.

Continuous improvement culture

Continuous improvement culture, using data, audits, feedback and reviews to elevate system performance, reduce risk and strengthen our safety outcomes.

Service & Asset Support

The Service Department provides ongoing maintenance, breakdown support, minor works, inspections and lifecycle asset management across mining, industrial, food processing and commercial clients. Their experience includes reactive and preventative electrical works for Kailis Bros, European Food Company, cold-storage facilities and other operational environments requiring rapid response and reliable technical support.

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Through clear role accountability, leadership engagement, and structured development pathways, CES supports a capable and motivated workforce aligned with client, industry, and business expectations.

Compliance is embedded into everyday operations through ISO-aligned management systems for quality, environment, and health and safety. Supported by strong governance, proactive safety leadership, and continuous improvement processes, this function ensures CES delivers work responsibly, protects its people and stakeholders, and sustains long-term business performance.

ABOUT US

QUALIFICATIONS & CERTIFICATIONS

We maintain a comprehensive suite of industry accreditations, including state and federal legislative licences. We are enabled to deliver across regulated and high-risk environments.



ELECTRICAL & TRADE LICENSING

- WA Electrical Licence
- NT Electrical Licence
- SA Electrical Licence
- ACRS Master Cabler – Communications
- HV Switching Operations
- LVR/CPR



HAZARDOUS AREAS & SAFETY CERTIFICATIONS

- Certificate IV in Hazardous Areas
- Gas Test Atmospheres
- Confined Space Entry
- Working at Heights
- Elevated Work Platform – High Risk Work



INDUSTRY & SPECIALIST ACCREDITATION

- ACAPMA Fuel Industry Accreditation
- WPCG (Workplace Clearance Group)
- Construction Safety Induction (White Card / Blue Card)



INSTRUMENTATION & TECHNICAL CERTIFICATIONS

- Certificate IV in Instrumentation.

Our team holds multi-state electrical licences, hazardous area and instrumentation qualifications, and specialist industry certifications. This ensures compliant, safe, and technically assured execution of complex projects across Australia.







OUR SERVICES.

CES brings extensive experience delivering multidisciplinary electrical, instrumentation and control system projects across Western Australia's mining, industrial, utilities, commercial and food-processing sectors.



OUR SERVICES

PROCESS & NON-PROCESS INFRASTRUCTURE

CES operate at the intersection of construction delivery and technical engineering. By combining design insight, system integration, and project execution, we bridge the gap between contractor and engineering consultancy, allowing us to deliver safe and reliable outcomes for critical assets.

Our capability spans critical infrastructure, and large-scale project execution, providing long-term operational reliability.

Hydrocarbon Storage & Handling

Design, installation and maintenance of diesel, aviation fuel and lubricant systems, including flow control, pump systems and engineered transfer solutions.

Automated Fluid Management Systems

Integration of unmanned site controls, automated valve systems, cloud-based fluid tracking and telemetry-enabled fuel monitoring.

Telemetry

Remote monitoring systems for fuel, water and process storage assets, including level instrumentation, alarms and SCADA integration.

Hazardous Area Electrical Installations

Full hazardous area design, installation and inspection services for LPG, fuel systems and classified industrial environments (AS/NZS 60079).

Electrical, Instrumentation & Automation

Switchgear, MCCs, control panels, instrumentation, PLC/SCADA systems and industrial automation solutions for new assets and brownfields upgrades.

Commercial & Industrial Installations

Fit-outs, upgrades, mechanical services integration and EI&C installation works across industrial and commercial facilities.

Mining & Turnkey Project Delivery

End-to-end solutions for skids, NPI infrastructure, vendor packages, dewatering systems, borefields, pump stations and modular process systems.

24/7 Site Service & Maintenance

Fully equipped service vehicles and experienced technicians providing call-out support, breakdown response, preventative maintenance and compliance inspections.



OUR SERVICES

VENDOR PACKAGES

CES specialise in the design, delivery, and installation of bespoke vendor packages for mining skids and non-process infrastructure, providing clients with fully engineered, factory-assembled, and ready-to-install solutions. Our team works closely with vendors and clients from the outset to develop robust designs that integrate electrical, instrumentation, and control requirements into modular skid packages or NPI assets.

We ensure all systems are compliant with Australian Standards, site specifications, and best-practice engineering principles, while optimising constructability, safety, and whole-of-life performance.

Through our in-house engineering and technical capability, CES manages the complete electrical and instrumentation build of each package. This includes installation of conduits, cable ladders, junction boxes, control stations, distribution boards, air and pneumatic systems, and all associated cabling, wiring, and terminations.

Our workshop assembly process incorporates detailed quality checks, pre-wiring, pre-commissioning, and functional testing to ensure every skid or NPI module is delivered as a highly integrated, plug-and-play solution that minimises onsite installation time and reduces construction risk.

CES delivers smooth interfaces across all project partners, collaborating with structural, mechanical, and process contractors to define support requirements, mounting arrangements, access considerations, and interconnection points. Once equipment arrives onsite, our delivery team

completes installation, testing, and commissioning, ensuring each package integrates seamlessly with permanent plant services and operational systems. This includes supporting FAT and IFAT activities, managing defect rectification, and providing full testing and verification documentation.

With a multidisciplinary team and proven experience across mining, industrial, and infrastructure projects, CES offers a single-provider solution for the creation of bespoke vendor packages.

Our approach reduces interface complexity, enhances quality assurance, and ensures clients receive fully engineered, fully verified, and operationally reliable modules that are ready for immediate integration into their facility.





OUR SERVICES

HYDROCARBONS

CES provides comprehensive capability in the design, installation, and commissioning of hydrocarbon fuel and lubricant systems for the mining and industrial sectors. Our team has extensive experience delivering electrical, instrumentation, and control solutions for diesel storage facilities, fuel farms, lube distribution systems, bulk storage skids, and mobile equipment servicing infrastructure.

We ensure all systems are compliant with Australian Standards, regulatory requirements, hazardous area classifications, and site-specific operational guidelines.

Our design capability covers the full EI&C scope, including power distribution, pump and flow control, tank instrumentation, overfill protection, leak detection systems, emergency shutdowns, and integration into site-wide SCADA or telemetry networks. CES engineers work closely with mechanical vendors to develop safe, efficient, and maintainable systems, producing detailed electrical designs, control philosophy documents, instrumentation schedules, I/O mapping, cable routing, and hazardous area documentation to support installation and commissioning.

During installation, our team delivers end-to-end construction services, including the installation of conduits, cable ladder systems, pump and dispenser wiring, tank level sensors, flowmeters, heat tracing, MCC/control panels, transfer pumps, and automated valve control. We specialise in skid-based hydrocarbon modules—such as diesel dispensing skids, lube pods, filtration skids, and refuelling stations—executing all wiring, terminations, instrumentation, testing, and integration with site

services. Our technicians are trained in hazardous area installation practices, ensuring all equipment is installed to meet AS/NZS 60079 requirements and industry best practice.

CES manages all functional testing and commissioning activities, including loop checks, verification of safety systems, calibration of instrumentation, and integration of control sequences with existing site infrastructure. We support FAT and IFAT for vendor packages, provide on-site commissioning personnel, and deliver comprehensive documentation to ensure a smooth transition to operations.

With experience across open-cut mines, processing plants, workshops, depots, and non-process infrastructure facilities, CES delivers reliable, compliant, and scalable hydrocarbon fuel and lubricant systems that enhance operational safety and asset performance.



OUR SERVICES

MINE MANAGEMENT & SITE SUPPORT SERVICES

CES provides comprehensive mine management and site support services designed to maintain asset reliability, optimise operational performance, and ensure ongoing compliance across mining operations.

Our multidisciplinary team supports both greenfield and brownfield sites through preventative maintenance, breakdown response, shutdown execution, and continuous improvement initiatives tailored to the unique conditions of each operation.

Our service capability covers routine electrical, instrumentation, and control maintenance, including inspections, testing, equipment replacement, and reliability-driven upgrades for processing plants, NPI assets, workshops, pump stations, borefields, and infrastructure networks. CES develops preventative maintenance schedules aligned with OEM recommendations, site standards, and regulatory obligations—minimising downtime, reducing risk, and extending the lifespan of critical assets.

We deliver planned and unplanned shutdown services with a strong focus on safety, efficiency, and coordinated execution. Our teams are experienced in LV/HV electrical works, control system upgrades, instrumentation calibrations, MCC and switchboard works, hazardous area inspections, and system commissioning. CES provides detailed planning, workpack development, resource allocation, and supervision to ensure shutdowns are delivered on time and to specification.

Through our remote support capability, CES offers 24/7 access to SCADA and control system specialists

who monitor site health, troubleshoot faults, optimise control logic, and support operational continuity for clients with distributed assets or remote operations. This proactive approach reduces onsite intervention and enables early identification of issues before they impact production.

Compliance is central to our mine management approach. CES completes statutory inspections, hazardous area auditing, verification dossiers, testing documentation, and electrical safety compliance in line with Australian Standards and site governance frameworks. Our systems ensure traceable, accurate, and auditable records that support regulatory reporting and risk management.

By combining skilled personnel, robust processes, and integrated engineering and technical capability, CES provides dependable, full-scope mine management services that enhance safety, reduce operational risk, and keep mine sites running efficiently.





OUR SERVICES

LV SWITCHROOMS: LOGISTICS, INSTALLATION, TESTING & COMMISSIONING

CES provides end-to-end capability for the delivery, installation, and commissioning of LV switchrooms across mining, industrial, utilities, and non-process infrastructure projects.

Our team manages the complete lifecycle—from logistics planning and transport coordination through to mechanical placement, electrical integration, testing, and final energisation—ensuring each switchroom is delivered safely, efficiently, and in full compliance with project requirements and Australian Standards.

Our logistics capability includes the detailed assessment of transport routes, loading requirements, lifting studies, craneage planning, and protection measures to ensure each switchroom arrives onsite safely and free from damage. CES coordinates with transport contractors, heavy-lift providers, and site representatives to execute controlled delivery sequences, including oversize movements and remote-access deployments. We ensure all lifting points, structural supports, and site pads are validated prior to installation.

During installation, CES undertakes the full EI&C scope to connect the switchroom to permanent site services. This includes installation of cable ladder systems, marshalling conduits, earthing systems, mechanical tie-ins, HVAC and auxiliary systems, and all incoming and outgoing LV cabling. Our technicians perform all terminations, protection wiring, instrumentation connections, and interface checks, ensuring seamless integration with associated MCCs, VSDs, control panels, and field equipment.

Comprehensive testing and commissioning form a critical part of our switchroom delivery model. CES performs insulation resistance testing, phase rotation checks, functional testing, protection relay testing, VSD configuration, PLC/SCADA integration, and operational sequencing verification. We complete all loop checks, I/O validation, and safety system testing, followed by structured energisation protocols carried out under strict safety and compliance processes. All documentation—including test sheets, verification dossiers, redline drawings, and commissioning reports—is provided as part of our quality assurance framework.

Through disciplined planning, skilled execution, and integrated engineering support, CES ensures LV switchrooms are delivered as fully verified, operational-ready assets that integrate seamlessly into the broader facility. Our approach reduces commissioning risk, shortens installation timelines, and provides clients with safe, reliable, and compliant electrical infrastructure from day one.



OUR SERVICES

AVIATION FUEL SYSTEMS: DESIGN, CONSTRUCTION & DELIVERY

CES provides end-to-end capability in the engineering, construction, and commissioning of aviation fuel systems for mining, industrial, and remote operations. Our team delivers complete electrical, instrumentation, and control solutions for aviation fuel storage, distribution, and dispensing systems used to support helicopter pads, charter flight operations, aerodromes, and remote airstrips.

We ensure every system is designed and constructed to the highest standards of safety, reliability, and regulatory compliance.

Our design capability covers the full EI&C scope required for aviation fuel infrastructure, including power distribution, pump and flow control, tank instrumentation, overfill and spill protection, emergency shutdown systems, and integration with supervisory control systems. CES engineers produce detailed design packages including hazardous area classifications (per AS/NZS 60079), earthing studies, control philosophies, I/O schedules, cable routing, and equipment specifications. This ensures that all electrical equipment, control devices, junction boxes, and instrumentation are suitably rated for the hazardous zones associated with aviation fuel environments.

During construction, CES delivers all installation works for conduits, cable ladders, pump and dispenser wiring, tank level systems, flowmeters, filtration skids, automated valves, and control panels. Our technicians install and terminate all EI&C equipment in compliance with hazardous area installation requirements, ensuring correct segregation, sealing, certification, and documentation. CES has extensive experience

working with aviation fuel packages such as refuelling skids, modular storage units, hydrant systems, and helicopter refuelling pods, providing integrated solutions that meet both operational and regulatory expectations.

Commissioning forms a critical part of our delivery model. CES performs all testing, verification, and calibration activities, including loop checks, functional testing, fail-safe verification, ESD integration, SCADA/telemetry connection, and system certification. We ensure the fuel system meets CASA, Australian Standards, and site governance requirements before handover, supplying comprehensive documentation including verification dossiers, hazardous area reports, testing records, redlines, and operational manuals.

By combining engineering expertise, strict compliance management, and disciplined installation and commissioning processes, CES delivers safe, reliable, and fully verified aviation fuel systems that support the operational needs of remote and industrial aviation environments.





OUR SERVICES

CAMP BUILDING CAPABILITIES

CES delivers complete electrical, instrumentation and control solutions for remote mining and industrial camp facilities, supporting both new builds and brownfields upgrades.

Our capability spans the full lifecycle of camp infrastructure, including power distribution, lighting, communications, HVAC electrical integration, water and wastewater systems, fuel systems, and essential services required to operate modern accommodation villages.

We provide turnkey EI&C installation across accommodation units, kitchens, gyms, offices, crib rooms, laundries and recreational buildings. CES designs and installs main switchboards and distribution boards, underground and overhead reticulation, emergency and exit lighting, fire detection interfaces, security systems and communications cabling. Our team ensures all installations are built for reliability in harsh environments, incorporating compliant earthing, hazardous area considerations where required, cable management systems and robust protection schemes.

Supporting non-process infrastructure, CES also delivers full electrical and control integration for camp utilities such as potable water systems, wastewater treatment, fuel storage and dispensing systems, borefields, pump stations and central services plants. We manage design inputs, coordinate with building contractors, and ensure seamless interface with generators, LV switchrooms, backup systems, and sitewide SCADA/telemetry networks.

Our service and maintenance teams provide ongoing support to keep camp facilities operating safely and efficiently, including 24/7 callout, preventative maintenance, periodic inspections, testing and tagging, emergency repairs and system optimisation. Remote SCADA monitoring enables proactive management of critical infrastructure such as fuel systems, water services and power systems.

With extensive experience delivering NPI infrastructure across Western Australia, the Northern Territory and South Australia, CES provides a reliable, integrated solution for camp construction, expansion and ongoing operations—ensuring comfort, safety and uninterrupted services for remote workforces.



OUR SERVICES

FACTORY ACCEPTANCE TESTING

CES provides comprehensive Factory Acceptance Testing (FAT) services to verify that electrical, instrumentation and control systems meet all functional, safety and performance requirements before deployment to site.

Our FAT capability supports vendor packages, modular skids, switchrooms, control panels, MCCs, PLC systems, instrumentation assemblies, fuel and lubrication skids, dewatering modules and other critical infrastructure assets used across mining, industrial and commercial sectors.

Our technical team develops detailed FAT plans, procedures, test matrices and documentation aligned with project specifications, Australian Standards and client QA frameworks. CES conducts full functional testing of hardware and control logic, including point-to-point verification, I/O testing, simulation of field devices, power and protection testing, VSD configuration, PLC/SCADA integration checks, system fail-safes, alarm testing and interlock verification. This ensures that all equipment performs as designed and interfaces correctly with upstream and downstream systems.

FATs are conducted in controlled workshop environments or at vendor facilities, with CES providing experienced electricians, instrumentation technicians, automation specialists and engineering support. We facilitate client participation through structured test sessions, witnessing processes and real-time issue resolution. Our approach reduces commissioning risk, shortens installation timelines and ensures defects are identified and rectified long before equipment reaches site.

Following each FAT, CES provides comprehensive documentation including completed test sheets, defect and punch-list reports, redlined drawings, updated control logic, calibration certificates and full verification records. We also support Integrated FAT (IFAT) activities, ensuring multiple vendor packages operate cohesively as part of a broader system.

Through disciplined testing, technical expertise and end-to-end quality assurance, CES ensures every asset is delivered to site as a fully verified, reliable and ready-for-installation system—improving safety, reducing downtime and enhancing project certainty.





OUR SERVICES

WESTERN AUSTRALIA PROCESS INDUSTRY

CES plays a vital role in supporting Western Australia's diverse processing industry, delivering specialist electrical, instrumentation, automation and control solutions that enhance production efficiency, product quality, safety and regulatory compliance.

Our multidisciplinary capability enables us to service a wide range of processing sectors, including beverage manufacturing, coffee roasting, seafood and fish processing, winery operations, crayfish facilities and ANE emulsion production plants.

Across beverage and coffee production facilities, CES provides end-to-end EI&C support including the installation of processing line electrical systems, control panels, temperature and flow instrumentation, automated batching systems, conveyor controls and monitoring systems. We help clients modernise production through PLC/SCADA upgrades, integration of new packaging or roasting equipment, energy-efficient lighting and power system improvements—ensuring safe, reliable operation in high-throughput environments.

In Western Australia's seafood and premium protein processing sector, including fish and crayfish facilities, CES delivers robust industrial solutions tailored to harsh, cold and washdown environments. Our work includes refrigeration control integration, automated grading and handling systems, environmental monitoring, hazardous area installations for brine and refrigerants, and the upgrade of processing plant switchboards and motor control systems. We also support packaging lines, water treatment equipment and facility services required for export-grade operations.

For wineries and beverage producers, CES provides specialised electrical and control solutions spanning crushing, fermentation, tank farms, pump systems, temperature control, bottling lines and process automation. Our team integrates level, flow and environmental instrumentation with centralised control systems to improve product consistency, operational efficiency and traceability.

CES also supports the safe and compliant operation of ANE (Ammonium Nitrate Emulsion) production and storage facilities. Our hazardous area certified technicians deliver EI&C installations, ignition source control, instrumentation, SCADA integration and compliance-driven upgrades. We assist clients in meeting stringent regulatory requirements while ensuring reliable process monitoring and safe plant operation. Across all processing sectors, CES offers long-term service, maintenance, shutdown support, remote monitoring and 24/7 call-out capability. Our experience across WA's industrial landscape enables us to provide tailored, reliable and scalable solutions that keep processing plants productive, compliant and ready for growth.



OUR SERVICES

BROWNFIELDS INSTALLATIONS CONTROL PANEL RETROFITS & UPGRADES

CES provides specialised capability in brownfields electrical and control system upgrades, delivering seamless retrofit solutions within live mining, processing, and non-process infrastructure environments.

Our team is experienced in replacing, upgrading, and integrating control panels, MCC sections, PLC systems, and distribution boards while maintaining operational continuity and adhering to stringent site safety and isolation requirements.

We work closely with asset owners to modernise ageing infrastructure, executing detailed site audits, interface mapping, and risk assessments to ensure each retrofit is engineered for compatibility with existing plant services.

CES manages the full lifecycle of brownfields control system upgrades—including panel design modifications, removal of redundant equipment, installation of new control hardware, rewiring, termination, and system integration.

Our technicians specialise in upgrading legacy PLCs to modern platforms, replacing outdated protection and motor control equipment, and enhancing site reliability through improved instrumentation and control architecture.

Working within operational facilities, CES plans all works to minimise downtime and reduce disruption to production. This includes staged cutovers, temporary power or control solutions, and close coordination with operations and maintenance teams. Our team performs all pre-commissioning,

functional testing, and commissioning to verify that retrofitted systems operate safely and as intended before handover.

With proven experience across processing plants, pump stations, utilities, workshops, and remote mining infrastructure, CES delivers brownfields retrofit solutions that extend asset life, enhance performance, and ensure compliance with current standards—all while working safely and efficiently in complex, live environments.







CASE STUDIES.

CES applies engineering insight, disciplined planning and coordinated delivery to solve complex electrical and control infrastructure challenges across critical industrial and operational environments.

CASE STUDY

CBH GERALDTON ELECTRICAL REFURBISHMENT SUPPLY & INSTALL

Client

CBH Geraldton

Location

Geraldton

Project Value

~\$11.4M

Project Duration

Mar – Dec 2025

Sector

Industrial Manufacturing

PROJECT OVERVIEW

CES delivered full electrical and mechanical upgrade at Geraldton Annexe, managing design verification, procurement, civil works, installation and commissioning, including new LV switchroom, safely removing legacy infrastructure and delivering a fully operational, compliant facility upgrade.

SCOPE OF WORKS

CES delivered the full supply, installation, construction and commissioning scope for the electrical and mechanical upgrade works at the Geraldton Annexe.

Our team provided complete project execution, including constructability review, site establishment, craning and access management, and the safe removal of legacy electrical infrastructure within defined battery limits. We procured, installed and integrated all new electrical, instrumentation and mechanical systems in accordance with project designs, including the coordinated delivery and installation of the new LV switchroom (305-SR01).

The works also encompassed civil and earthworks, surveying, and the provision of compliant mechanical and safety designs. CES managed all labour, equipment, subcontractors and supervision required to deliver a fully operational, standards-compliant upgrade package for the client.



PROJECT HIGHLIGHTS

Rapid mobilisation, 46-strong team, zero lost time injuries, delivered on client schedule.



CHALLENGES & SOLUTIONS

Reduced risk, improved reliability, enhanced safety, future-ready infrastructure delivered under coordinated model.



OUTCOME & CLIENT BENEFITS

Single accountable delivery improves continuity, compliance, maintenance efficiency, and enables future expansion.



KEY DELIVERABLES

- Full electrical and mechanical upgrade package, including supply, installation, construction and commissioning of all systems
- Constructability review and verification of all project drawings and technical documentation
- Site establishment, including provision of site office, amenities, craneage and elevated work platforms
- Safe removal and demolition of existing electrical infrastructure within defined battery limits
- Delivery and installation of new LV switchroom (305-SR01) to design specifications and operational requirements
- Procurement and supply of all electrical, instrumentation, mechanical and safety equipment (excluding Principal-supplied items)
- Installation of new electrical, instrumentation and mechanical systems, fully integrated and tested
- Civil and earthworks, including site preparation, excavation, reinstatement and required surveying
- Mechanical and safety design development aligned with project engineering requirements
- Complete project management, including labour, subcontractor coordination, equipment, supervision and quality control.

CES DEPARTMENTS INVOLVED

- Delivery Team – site leadership, supervision and coordination of works within an operational facility
- Technical Team – constructability input, technical support and commissioning coordination
- Supply Team – procurement, material management and logistics planning
- People, Culture & Compliance – safety leadership, permit systems, compliance oversight and workforce management.

PROJECT HIGHLIGHTS

- Our delivery team acted swiftly to resource the project. At peak, we had 46 direct team members on the project
- Safety record – No lost time injuries
- Delivery date – the project was delivered in line with our clients expectation.

CHALLENGES & SOLUTIONS

- Compressed program – optimisation via efficiency monitoring on a weekly basis
- Design interface – stakeholder workshops with our technical team.

OUTCOME & CLIENT BENEFITS

- Reduced operational risk through removal of ageing electrical assets and integration of new, compliant infrastructure
- Improved system reliability and continuity of operations enabled by upgraded electrical and mechanical equipment
- Enhanced safety performance, with all works completed under CES's ISO-aligned HSEQ systems
- Single-point accountability, with CES managing design support, procurement, civil works, installation and commissioning under one coordinated delivery model
- Future-ready infrastructure, enabling smoother maintenance, expansion and operational efficiency for the facility. Complete project management, including labour, subcontractor coordination, equipment, supervision and quality control.

CASE STUDY

MELCONNX INFRASTRUCTURE & FACILITIES MELCONNX - LINEWIDE

Location

Perth Western Australia

Project Value

~\$12.1M

Project Duration

Aug 2023 – Oct 2024

Sector

Infrastructure & Facilities

PROJECT OVERVIEW

CES delivered electrical and instrumentation works for the MELconnx project on behalf of Laing O'Rourke, supporting manufacturing expansion through safe installation, testing, and commissioning, while maintaining programme certainty, quality assurance, and strict compliance with project and safety requirements.

SCOPE OF WORKS

CES delivered the fabrication, installation, testing, and commissioning of electrical and communications infrastructure for the MELconnx project. The scope included coordinated delivery of power, communications, and safety systems across the corridor.

Works comprised the installation and commissioning of 130 equipment racks supporting PLC, communications, LLPA, and security systems, together with Communications and ADSS location cases distributed line-wide. CES installed end devices including CCTV cameras, LLPA speakers, duress buttons, and access control equipment, and completed the haulage, splicing, testing, and commissioning of 56 kilometres of fibre optic cabling supporting control and communications networks. Integrated Monitoring Systems installation and verification were also completed.

CES delivered the design, installation, and commissioning of radio communications infrastructure, including leaky feeder systems within dives and portals. In parallel, CES designed and installed line-wide low voltage power infrastructure, emergency and landscape lighting, underground cable containment, and earthing and bonding systems to ensure safety, compliance, and handover.



PROJECT HIGHLIGHTS

Our largest geographical project - complete line wide (21Km) Electrical & Communications infrastructure.



CHALLENGES & SOLUTIONS

PTA Compliant & commissioned into service rail system that future proofs Perth public transport network.



OUTCOME & CLIENT BENEFITS

One contractor engagement for both Electrical, communications and OT infrastructure, saving the client both time and money.



KEY DELIVERABLES

- Fabrication, installation and commissioning of line wide communications infrastructure ~130 racks (PLC, Comms, LLPA and security)
- Fabrication, installation and commissioning of line wide locations cases (Comms LOC's and ADSS LOC's)
- Installation of end devices – CCTV, LLPA speakers, Duress buttons and access control devices
- Preparation and installation of the Fibre Infrastructure ~Approx. 56Km's of fibre optic cabling – Hauling, Splicing, testing and commissioning.
- Installation and verification of IMS systems
- Installation of the Radio communications (Leaky Feeders) system in Dives and Portals
- Design, Installation and Commissioning of the Linewide LV Infrastructure (SMSB's, DB's, Isolation transformers, Power Conditioners and Motorized Isolators and associated cabling)
- Design, Fabrication, Installation and Commissioning of Emergency lighting systems and controls through Dives, Viaduct and Portal.
- Design, Fabrication and Installation of Cable Containment (Underground conduits and Cable Trays)
- Installation and Commissioning of Landscape lighting (Poles and Bollards)
- Installation and Commissioning of Earthing and bonding systems.

CES DEPARTMENTS INVOLVED

- Delivery Team – site leadership, supervision and coordination of works within an operational facility
- Technical Team – constructability input, technical support and commissioning coordination
- Supply Team – procurement, material management and logistics planning
- People, Culture & Compliance – safety leadership, permit systems, compliance oversight and workforce management.

PROJECT HIGHLIGHTS

- Strong delivery response and resourcing to meet program requirements, with scalable workforce management across work fronts
- Safety focus maintained throughout works, with disciplined permit, isolation and prestart processes in an operational environment
- Delivery aligned with client milestones through proactive planning, sequencing and stakeholder coordination.

CHALLENGES & SOLUTIONS

- Live operational interfaces – staged isolations, cutover planning and close coordination with CBH operations to reduce downtime and risk
- Compressed timeframes – short interval planning, weekly productivity tracking and prioritised work fronts to maintain momentum. Design and scope interfaces – targeted workshops and early RFI closure to protect program and ensure constructability.

OUTCOME & CLIENT BENEFITS

- Reduced operational risk through replacement and upgrade of critical electrical and control infrastructure
- Improved reliability and maintainability through compliant installation, structured testing and complete handover documentation
- Safer delivery in an operational environment supported by ISO-aligned HSEQ systems and disciplined site controls
- Single-point accountability with CES managing procurement, installation, integration and commissioning under one coordinated model
- Improved readiness for future upgrades and expansion through scalable systems, clear documentation and verified performance.

CASE STUDY

KARRATHA LUBRICANT FACILITY UTILITIES & ESSENTIAL SERVICES

Client

NQ Petro (Viva Australia)

Location

Karratha

Project Value

~\$2.5M

Project Duration

May – Oct 2025

Sector

Utilities & Essential Services

PROJECT OVERVIEW

CES delivered the electrical, control and instrumentation works for Viva Energy Australia's Karratha Lubricants Facility, supporting safe commissioning of a strategic asset that reduces road freight, enhances supply efficiency, and strengthens critical infrastructure across the Pilbara region.

SCOPE OF WORKS

CES delivered the complete electrical, control, and instrumentation scope for Viva Energy Australia's Karratha Lubricants Facility. The works encompassed detailed planning, coordination, installation, testing, and commissioning activities to support the safe and reliable operation of this critical industrial asset.

The scope included the supply and installation of low voltage power distribution, cabling, containment systems, earthing and bonding, lighting, and associated electrical infrastructure across the facility. CES also installed and commissioned control systems, instrumentation, field devices, and interfaces required to support automated operations and process control.

In addition, CES integrated safety and communications systems in line with project and regulatory requirements, working closely with the client and stakeholders to ensure seamless commissioning. All works were delivered in accordance with strict HSEQ standards, supporting safe execution, environmental compliance, and a successful handover of the facility. operational, standards-compliant upgrade package for the client.



PROJECT HIGHLIGHTS

The CES team worked around the clock to deliver the switch room in accordance with the tight program.



CHALLENGES & SOLUTIONS

The project was critical to the supply of lubricants into WA's north, delivered on time, the facility opened as planned and went into service immediately.



OUTCOME & CLIENT BENEFITS

CES worked with the client to complete commissioning, showing commitment through to project completion.



KEY DELIVERABLES

- Delivery of Motor Control Centre - including FAT, installation into custom site specific switchroom
- Install, Program and Commissioning of 16 x WEG CFW-11 Variable Speed Drives
- Site Primary and Secondary Containment Systems
- Loading and Unloading Gantry LCP's - Fabricated ex Perth
- Field Marshalling Panels - Fabricated in house from our Malaga workshop
- Install, Program and Commissioning of 14 x Franklin EVO Tank Level Gauges and Remote Monitors
- Installation and Calibration of Pump Dry Run Protection systems
- Installation, Programming and Commissioning of Audible and Visual Alarm RTK Annunciator Panel
- Installation and Commissioning Liquip Tank Overfill Protection Systems
- Area Lighting.

CES DEPARTMENTS INVOLVED

- Delivery Team – site management, supervision, workforce planning and coordination of all installation and commissioning activities.
- Technical Team – engineering support, system integration, testing and commissioning assistance.
- Supply Team – procurement, logistics, expediting and coordination of project materials and long-lead items.
- People, Culture & Compliance – HSEQ leadership, safety systems, compliance management and workforce support.

PROJECT HIGHLIGHTS

- Strong delivery response and resourcing to meet program requirements, with scalable workforce management across work fronts.
- Safety focus maintained throughout works, with disciplined permit, isolation and prestart processes in an operational environment.
- Delivery aligned with client milestones through proactive planning, sequencing and stakeholder coordination.

CHALLENGES & SOLUTIONS

- Live operational interfaces – staged isolations, cutover planning and close coordination with CBH operations to reduce downtime and risk.
- Compressed timeframes – short interval planning, weekly productivity tracking and prioritised work fronts to maintain momentum.
- Design and scope interfaces – targeted workshops and early RFI closure to protect program and ensure constructability.

OUTCOME & CLIENT BENEFITS

- Reduced operational risk through replacement and upgrade of critical electrical and control infrastructure.
- Improved reliability and maintainability through compliant installation, structured testing and complete handover documentation.
- Safer delivery in an operational environment supported by ISO-aligned HSEQ systems and disciplined site controls.
- Single-point accountability with CES managing procurement, installation, integration and commissioning under one coordinated model.
- Improved readiness for future upgrades and expansion through scalable systems, clear documentation and verified performance.

CASE STUDY

BALRANALD MINING

Client

Polaris Engineering (Iluka)

Location

Perth Western Australia

Project Value

~\$4.5M

Project Duration

Nov 2024 – Aug 2025

Sector

Mining

PROJECT OVERVIEW

CES delivered a complete EI&C scope, installing, terminating, testing and commissioning power, control and instrumentation systems, including earthing, pneumatic services and structural interfaces, while supporting IFAT activities, equipment protection, and safe preparation for transport and handover.

SCOPE OF WORKS

CES delivered the installation, termination, testing, and support works for electrical, instrumentation, and control systems at the Balranald facility. The scope included coordinated delivery of field installation, cabling, earthing, and commissioning activities to support safe execution and asset readiness.

Works comprised the installation of conduits, cable ladders, junction boxes, Local Control Stations, instrument and air junction boxes, distribution boards, lighting, GPOs, plugs, sockets, and welding outlets. CES supplied, installed, and terminated all power, control, instrument, and pilot wiring, securing equipment to steel structures and skids. The team assembled AJBs complete with regulators, solenoids, valves, and filters, installed pneumatic tubing in coordination with the SMP contractor, and provided structural input for mounting requirements.

CES delivered the complete earthing and bonding system, managed cable penetrations, inspected free-issued equipment, completed EI&C testing with documentation, and supported IFAT activities, equipment disassembly, protection, and preparation for transport.



PROJECT HIGHLIGHTS

Delivery of a world first mining system. The CES team are incredibly proud to have been instrumental in the delivery of this world class asset.



CHALLENGES & SOLUTIONS

Integrated EIC system that allows the asset owner to operate a modular system, capable of relocation as required.



OUTCOME & CLIENT BENEFITS

The Balranald project required relocatable process skids to meet the projects mining intent. CES adapted and worked with the designers to modulate equipment, often designing new methodologies.



KEY DELIVERABLES

- Delivery of the electrical, control and instrumentation scope for a first-of-its-kind underground mining operation
- Installation, termination, testing and commissioning of power distribution, control systems and field instrumentation
- Installation of communications and control infrastructure to support remote and automated mining operations
- Provision of earthing, bonding and electrical safety systems in line with mining and regulatory requirements
- Coordination of installation activities within underground and surface work fronts
- Support to commissioning and operational readiness activities
- Completion of QA documentation, testing records and as-built documentation
- Full project delivery support including labour, supervision, coordination and quality control.

CES DEPARTMENTS INVOLVED

- Delivery Team – site management, supervision and workforce coordination
- Technical Team – engineering support, constructability input and commissioning assistance
- Supply Team – procurement, logistics and material coordination
- People, Culture & Compliance – safety leadership, HSEQ compliance and workforce management.

PROJECT HIGHLIGHTS

- Over 15,000 man-hours delivered with no lost time injuries
- Successful delivery within a novel, remotely operated underground mining environment
- Strong collaboration between CES, client and engineering partners.

CHALLENGES & SOLUTIONS

- First-of-a-kind mining process – close integration with client technology teams and adaptive delivery planning
- Underground work environment – disciplined safety systems, sequencing and access control
- Complex commissioning interfaces – staged testing and collaborative commissioning planning.

OUTCOME & CLIENT BENEFITS

- Safe and compliant delivery of critical electrical and control infrastructure
- Reliable systems supporting innovative, remote underground mining operations
- Reduced delivery risk through strong safety performance and proactive coordination
- Single-point accountability across installation, testing and commissioning
- Infrastructure delivered to support long-term operational performance and future scalability.



CoElect TIMELINE



2014

CES is formed with one borrowed ute and a sea container in 2014.



2016

CES moves into our O'Connor Office.

CES awarded ISO 9001:2015.



2017

CES wins the NECA award for small contracting business.



2018

CES comes second in the Business News Rising Star Award.

CES moves to our Malaga office.



2020

CES opens our
Karratha Office.



2022

CES Management
restructure.



2024

CES Celebrates
10 years
of Business.



2026

CES opens new
Head Office on
Hay Street,
West Perth.



CONSOLIDATED
ELECTRICAL
SOLUTIONS

CES believe strong organisations are built when people take ownership of outcomes, not just responsibility for tasks. Our CES teams are trusted to think, decide and act - embedding real accountability into every action, every day. Our fit-for-purpose work delivers market leading, optimal outcomes clients can rely on.

Mark Bond, Managing Director

Building a culture
of **ownership**,
accountability
and **respect**.

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