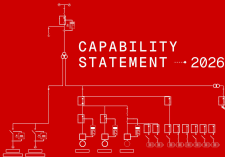




EEHA AUTOMATION
ELECTRICAL ENGINEERING SERVICES

CAPABILITY STATEMENT --- 2026



ELECTRICAL SERVICES

IT / OT SERVICES

INDUSTRIAL AUTOMATION

FUNCTIONAL SAFETY

MECHANICAL

AN AUSTRALIAN-OWNED INDUSTRIAL AUTOMATION ELECTRICAL ENGINEERING SPECIALIST



IEEM Automation Pty Ltd is an Australian-owned industrial automation and electrical engineering company delivering advanced control systems, integration solutions, and operational technologies across the port, mining, utilities, water, manufacturing, and heavy industrial sectors.

WHAT WE DO

Through expert electrical services and industrial automation, we help your business optimise plant uptime, streamline operations, and ensure compliance.

HOW WE WORK

Generate site-wide integration solutions that provide valuable business intelligence and long-term insight.

WHY IT MATTERS

Reduce, recover, reclaim, reoptimise, and future-ready facilities that improve productivity and operational viability.

Trusted
Partnerships
That Support
Reliable
Industrial
Outcomes Across
Australia.



EXPERTISE IN ACTION



MEETING YOUR OPERATIONAL DEMANDS

Our extensive experience has enabled us to identify trusted technologies and integration platforms that deliver reliable systems for industrial operations across Australia. As experienced system integrators, we work closely with leading OEMs, technology providers, and component manufacturers to ensure seamless system functionality and long-term support.

MINING OPERATIONS

Underground automation
and safety monitoring

MANUFACTURING FACILITIES

Robotic assembly and
production monitoring

HYDROGEN INFRASTRUCTURE

Power distribution
and control systems

WATER TREATMENT FACILITIES

Automated processing and
monitoring equipment

FOOD AND BEVERAGE

Automated processing
and quality control

TRUSTED PARTNERSHIPS

Collaborating with
industry leaders
ensures reliability for
critical supply.

OPERATIONAL EXCELLENCE

Our systems provide
both preventative and
reactive maintenance
solutions.

BUSINESS INSIGHT

Realise the complete
capabilities of your
operations.

INDUSTRIES WE SUPPORT

Our solutions are designed with reliability and security at their core. By integrating these principles into every project, we help clients reduce risk while improving operational performance.



EMA AUTOMATION
SOLUTIONS AND SERVICES

Tyler Ward
Sales/Technical Engineer
CAREER 322



BOOK A DEMO

Why Choose EEHA Automation

01 Tailored & Future-Proof Solutions
Every operation is unique. We design automation and electrical solutions aligned with your objectives, ensuring long-term reliability and efficient performance.

02 Expert Technical Support
Our Australian-based team supports the full project lifecycle – from concept and programming through commissioning and ongoing maintenance.

03 Reliability Through Engineering Excellence.
We build on strong engineering fundamentals – robust, maintainable, secure systems that minimise downtime and maximise productivity.



FOUNDED IN
2014



ENGINEERS
75+



VALUE OF WORK
\$87+ MILLION



PARTNERSHIPS
25+



MANUFACTURING WORK
2+ MILLION



4 LOCATIONS



BOOK A DEMO



WHERE WE ARE

Portlaidu Valley

Concord

Parramatta

Emmala

Collaborative Partnerships



OUR HISTORY AND WHERE WE ARE TODAY

2025 ELECTRICAL ACQUISITION

2019 10+ ENGINEERS

2024 ISO CERTIFICATION

2018 FIRST MAJOR PROJECT

2022 EMPLOYMENT INVESTMENT

2014 OUR JOURNEY BEGAN

2020 FIRST OVERSEAS PROJECT
ASCOT OFFICE
NA BRANCH OPENS

EMPOWERING INDUSTRIES THROUGH AUTOMATION EXCELLENCE



- Wired For Performance.
- Built For Efficiency.
- Safe By Design.

UL ELECTRICAL LISTING: 1542595



Delivering safe, compliant, and reliable electrical solutions for industrial operations, from design and installation to maintenance and optimisation.

COMPLIANCE

Electrical inspections, testing, and certification to meet Australian Standards and regulations.

OPTIMISATION

Improve system performance, reliability, and efficiency while reducing downtime and costs.

MAINTENANCE

Predictive and preventive maintenance to keep electrical assets operating reliably.

INSTALLATIONS

Industrial electrical installations completed safely, efficiently, and to Australian Standards.

UPGRADES

Upgrade electrical systems to improve safety, reliability, and operational performance.

DESIGN

Practical electrical designs tailored to your project and operational requirements.

MANUFACTURE

Custom-built electrical panels and assemblies designed, tested, and ready for installation.

CALIBRATIONS

Calibration and verification services to maintain accurate, reliable instrumentation.

AUDITING

Electrical and hazardous area audits to identify risks and ensure compliance.

COMMISSIONING

Testing and commissioning services to verify safe, reliable system operation.

SHIFT OVER

Responsive fault finding, maintenance, and operational support to ensure safe, reliable, and continuous plant performance.

SHUTDOWNS

Delivering safe, efficient, maintenance, upgrades and safety shut-down services for electrical assets.

Installations Process



SITE ASSESSMENT

Assess site conditions, access, space, and installation requirements.



PLANNING & DESIGN

Develop the installation plan, drawings, and compliance documentation.



INSTALLATION

Install electrical equipment, cabling, control systems, and field devices.



TESTING & VERIFICATION

Perform electrical testing, commissioning, and compliance checks.



COMMISSIONING & HANDOVER

Commission the system, validate performance, and handover documentation.

Our proven installation process ensures every project is delivered safely, efficiently, and to Australian Standards.



⚡ Electrical Services

Our expert team delivers industrial electrical installations, projects, maintenance services, shift cover, service visits, minor works, PCMR management and around the clock Emergency Break-Down assistance.

We provide high grade electrical and control systems contributing to a vast range of clients within the quarrying, mining, utilities, and manufacturing sectors.



Certifications

- ISO 9001
Quality Management
- ISO 45001
Safety Management
- ISO 14001
Environmental Management
- ISO 27001
Information Security

Differentiators

- ASDO security approved workers
- HVA trained electricians
- Quarry & Mining Safety

Our Compliance

- Safe as ISO & ISO as rest of company
- Competent Certified
- Electrical Safety Act & Legislations & Worksafe
- OHS Alignment with principle contractors



Powering the Future of Industry

OLD ELECTRICAL LTD: 15005506



Our team of experts can work remotely and onsite to action, review, maintain and secure essential machinery and equipment across different organisational units or sites.

CYBERSECURITY AUDIT AND REMEDIATION

Identify vulnerabilities across your industrial network. We ensure your IT/OT assets, systems, data, and people remain compliant.

NETWORK / INFRASTRUCTURE MANAGEMENT

Optimize and secure your data flows. We design, monitor, and manage robust networks built for high industrial environments.

PROJECT SUPPORT

From concept to commissioning, our team provides specialized IT/OT technical expertise to keep your automation projects on time.

HARDWARE DEPLOYMENT

Install and configure industrial hardware, servers, controllers, and legacy industrial-grade devices, installations, and rugged network gear.

INFRASTRUCTURE MAINTENANCE

Promote uptime for your team. We deliver routine updates, training, and lifecycle maintenance to prevent industrial downtime.

O&M SUPPORT

Dependable day-to-day operations. We seamlessly manage routine IT/OT tasks, keeping your team productive and systems stable.

APPLICATION TROUBLESHOOTING

Fast resolution for software roadblocks. We diagnose and fix HMI, SCADA, and industrial software issues to restore performance.

24/5 REMOTE AND ONSITE SUPPORT SERVICES

Reliable technical help when you need it. We offer remote monitoring and rapid on-site dispatch to keep plant operations safe.

Cybersecurity Audit & Remediation Implementation Process



SCOPE & FRAMEWORK ALIGNMENT

Define core boundaries and map to NIST, IEC 62443, or ISA 99.



IT/OT ASSESSMENT & VULNERABILITY SCOPES

Review assets and map them to PLC, security gaps and vulnerabilities.



REMEDIATION STRATEGY & PLANNING

Partner with your MS team to build a remediation road plan.



SECURITY CONTROL DEPLOYMENT

Implement patches, hardware fixes, and access control upgrades.



VALIDATION & RESILIENCE REVIEW

Verify compliance and set up continuous monitoring for stability.

Our team maps, audits, plans, and deploys targeted security controls to keep your critical assets compliant and resilient.



IT OT Services

With a diverse background in IT /OT support in construction, mining, on-shore oil & gas and renewables, our small but growing team of IT/OT professionals are ready to assist your organisation to keep abreast of the

changing technology landscape. Working together with the electrical and PCB teams, we are an integrated team leveraging our combined expertise.



IT Asset Connections



Cloud and Storage



Building & Treatment Plants



Gasworks



Green Energy



Industrial Plants & Production



Manufacturing Facilities



Warehousing and Distribution Centres



Ports



Mining



Water Power Plants



Wind Power Plants



Certification

ISO 27001

Information Security



IT OT Process

Securely integrate your IT and OT systems with Fortinet. We bridge business networks and industrial control systems.





Powering the Future of Industry

OLD ELECTRICAL LICENSE: 19902906



Our team of experts can work remotely and onsite to action, review, maintain and secure essential machinery and equipment across different organisational units or sites.

CYBERSECURITY AUDIT AND REMEDIATION

Industrial inspections, testing, and certification to meet Australian Standards and regulations.

NETWORK / INFRASTRUCTURE MANAGEMENT

Improve system performance, reliability, and efficiency while reducing downtime and costs.

PROJECT SUPPORT

Pre-walkdown and collection maintenance to keep electrical assets operating reliably.

HARDWARE DEPLOYMENT

Industrial electrical installations completed safely, efficiently, and to Australian Standards.

INFRASTRUCTURE MAINTENANCE

Upgrade electrical systems to improve safety, reliability, and operational performance.

BAU SUPPORT

Practical electrical designs tailored to your project and operational requirements.

APPLICATION TROUBLESHOOTING

On-site electrical experts and technicians designed, tested, and ready for installation.

24/7 REMOTE AND ONSITE SUPPORT SERVICES

Diagnosis and identification services to maintain essential, reliable instrumentation.

Installations Process



SITE ASSESSMENT

Review site conditions, access, power, and installation requirements.



PLANNING & DESIGN

Develop the installation plan, drawings, and compliance documentation.



INSTALLATION

Install electrical equipment, wiring, control systems, and PPE (as needed).



TESTING & VERIFICATION

Perform electrical testing, commissioning, and compliance checks.



COMMISSIONING & HANDOVER

Commission the system, ensure performance, and handover documentation.

Our team of experts can work remotely and onsite to action, review, maintain and secure essential machinery and equipment across different organisational units or sites.



Industrial Automation

With a diverse background in IT /OT support in construction, mining, onshore oil & gas and renewables, our small but growing team of IT/OT professionals are ready to assist your organisation to keep abreast of the

changing technology landscape. Working together with the electrical and PCB teams, we are an integrated team leveraging our combined expertise.



Certifications

-  **ISO 9001**
Quality Management
-  **ISO 45001**
Safety Management
-  **ISO 14001**
Environmental Management
-  **ISO 27001**
Information Security

IT OT PROCESS

Our team of experts can work remotely and onsite to action, review, maintain and secure essential machinery and equipment across different organisational units or sites.



Reliable. Efficient. Proven.

OLD ELECTRICAL LIMBOD: 1500506



Our team of mechanical service experts can work remotely and onsite to assess, maintain, upgrade and optimise critical plant, machinery and equipment across a wide range of industrial environments.

ROBOTICS AND AUTOMATION

Our team designs and delivers robotics and automation solutions that improve productivity, consistency and efficiency. Whether modernising existing production lines or expanding capacity, we develop tailored systems that integrate with your operations and support future growth while minimising downtime.

END OF ARM TOOLING/END EFFECTOR/GRIPPER

We design and manufacture custom end effectors and grippers to suit your products and production requirements. Engineered for accuracy, repeatability and reliability, our solutions improve robotic performance while ensuring safe and efficient material handling.

END OF LINE AUTOMATION

Our end-of-line automation solutions improve product handling, palletising, wrapping and packaging processes. Designed to reduce manual handling and increase throughput, each system integrates with your existing production line while supporting future expansion.

End of Arm Tooling Process



CONSULTATION & APPLICATION REVIEW

Review your product, process and potential applications.



CONCEPT DESIGN & ENGINEERING

Design custom grippers and end effectors for your needs.



OPTIMISATION & INTEGRATION

Optimise payload, cycle time and tooling functionality.



MANUFACTURING & TESTING

Build and test tooling for reliable performance.



INSTALLATION & Ongoing SUPPORT

Install, commission and support your EAT solution.

Our team of experts can work remotely and onsite to assess, review, maintain and repair essential machinery and equipment across different organisational units or sites.



Mechanical Services

Every operation has unique mechanical requirements, so we take a tailored approach to every project. Whether you're expanding production, introducing new product lines, increasing capacity, or modernising existing equipment, we work with you to develop practical solutions that align with your long-term business objectives.



Certifications

- **ISO 9001**
Quality Management
- **ISO 45001**
Safety Management
- **ISO 14001**
Environmental Management
- **ISO 27001**
Information Security

Differentiators

- ASIC security approved workers
- H&S trained electricians
- Quality & Risk Safety

Our Compliance

- Safe as ISO & DMS as part of concern
- Conserves Certified
- Electrical Safety Act & Legislations & WorkSafe
- QMS alignment with principle contractors



Functional Safety

At SEHA Automation, partnering early with clients helps spot hidden risks and bridge gaps. By keeping things open and natural, the smartest, most efficient safety solutions are planned and built to fully protect teams, machinery, and businesses.



Smart Technology



Food and Beverage



Building & Industrial Plants



Chemical



Green Energy



Transport & Logistics



Digital Industrial Factories



Manufacturing and Automation Centers



Ports



Mining



Green Field Sites



Green Field Sites



Certifications

We provide end-to-end Functional Safety support in accordance with:

• **ISO 13849**

Compliance Certification

• **IEC 62061**

Safety Integrity Level

• **IEC 61508**

SIL Certification

• **A S 4024**

Safety of Machinery



Why Functional Safety Matters

As operations continue for higher throughput, new and unseen machinery hazards often emerge.



The Risk of Inaction

Failing to properly assess risks and implement compliant controls puts your personnel in danger.



How We Protect Your Operation

By engaging our functional safety specialists, you streamline the safety lifecycle.



Protecting teams and operations

QLD ELECTRICAL LICENCE: 15825865



We guide heavy industries from initial risk assessment through engineering, validation, and lifetime auditing to ensure fit-for-purpose compliance, operational efficiency, and team protection.

AUDIT AND GAP ANALYSIS

Evaluating existing industrial systems against modern standards to catch compliance gaps early.

DESIGN AND ENGINEERING

Crafting the smart architectures, specifications, and safety PLC software tailored to the plant.

RISK ASSESSMENTS AND HAZARD WORKSHOPS

Facilitating expert risk workshops to pinpoint machinery hazards and set correct safety targets.

INSTALLATION AND COMMISSIONING

Integrating physical safety-coding hardware and control code using formal testing milestones.

MAINTENANCE AND COMPLIANCE

Managing the final lifecycle descent and creating proof tests to keep the workplace fully compliant.

VALIDATION

Proving functional safety systems perform reliably under real-world fault and simulation scenarios.

Our Lifecycle Safety Path



ASSESS

Revealing operational bottlenecks and setting clear objectives to hit safety targets.



PLAN

Engineering the safety specifications, lifecycle plans, and descent design.



SOLUTION

Installing tested, engineering controls, and creating FAT/FAT testing milestones.



VALIDATE

End-to-end testing of safety functions under real-world operational loads.



COMPLIANCE

Delivering the final audit dossier for ongoing ISO and standards compliance.

Managing risk from initial assessment to final compliance.