## AAG WEBSITE TEXT CHANGES

\*NEED TO BE TRANSLATED\*

Please keep paragraphs, headings, bullet points, etc. as-is while translating.

## A&E ENGINEERING --

A&E Engineering’s goal is to be the firm of choice for manufacturing’s most challenging applications, most mission critical-processes, and most urgent projects. A&E brings automation expertise to key industries including batch chemicals, automotive, food and beverage, pharmaceutical, and energy generation. A cornerstone of A&E’s approach to creating business value for clients is strategic partnerships with premier firms, including those in the Automation Alliance Group.

**Achievements/ Associations**

* Siemens Solution Partner
* Inductive Automation Premier Integrator
* Schneider Electric Authorized Integrator
* Microsoft Gold Certified Partner
* Amazon AWS Partner
* VMware Partner
* 2018 CSIA Member of the Year Award

**Core Competencies**

* Batch & Process
* MES, including OEE
* Production Performance Analysis
* Process and Machine Simulation
* EPLAN Design Automation
* Industrial Networking and Protection

**Capabilities**

* Control Systems
* Electrical Design
* Panel Fabrication (UL508A)
* Electrical Construction
* Commissioning
* IIoT and Cloud Development

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## ENTERPRISE AUTOMATION --

**Achievements/ Associations**

* AVEVA Endorsed SI
* Schneider Electric Master Alliance Partner
* CSIA Certified Integrator

**Core Competencies**

* Process Automation
* Controls Hardware & Software
* Water/Wastewater
* OT Network Design & Implementation
* Automation Consulting and Planning

**Capabilities**

* SCADA Design to Startup
* Automation Program Management
* Audit and Gap Analysis
* Networks/Security

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## JNE AUTOMATION --

JNE Automation can provide you with custom process control solutions designed and optimized to help achieve your business and production goals. With over 40 years of working experience in Metals and other heavy industrial processes, we have the knowledge and expertise to execute projects across all aspects of production.

With TÜV certification, we specialize in control-reliable Process Safety Systems with emphasis on Burner Management Systems and Combustion Control, enabling you to meet the latest applicable codes and standards. We also help clients migrate legacy DCS and PLC installed base to modern, integrated architectures to drive improved quality, yield, and reduce operating costs.

JNE supplies custom designed, tested and certified control panels, operator stations, pulpit control desks, AC and DC drive panels, and complete prefabricated control rooms (PCRs).

As part of the JNE Group of Companies, we can also provide a complete range of multi-disciplinary engineering services performed with a strict adherence to safety and quality. From project management to design engineering and construction, JNE has the expertise to engineer success for all of your projects.

With offices in the USA and Canada, supplier-endorsed Partner status, and ISO 9001:2015 certification, JNE provides world-class solutions built on worldwide experience.

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## SAGE AUTOMATION --

SAGE Group is a global company with a team of more than 450 people over three continents. As a specialist industrial services provider, SAGE combines the perfect balance of technology, process and capability to support clients on their digital journey. SAGE partners with clients across the defence, energy, manufacturing, resources, utilities, transport, and water sectors, to design and implement solutions that empower them to lead into the future.

SAGE Group has carefully developed four specialist offerings/business units – SAGE Automation, Nukon, Embedded Expertise and Skills Lab – that together deliver seamless support. SAGE knows that digital transformation is not a one-off project and works in partnership with clients to lay the foundations for deep, long lasting change.

**SAGE Group Companies**

**SAGE Automation -** Industrial automation design, delivery and support. SAGE Automation is Australia’s leading independent industrial automation and control systems integrator. Our team provides agile, scalable and secure automation, control and digital solutions across the defence, energy, manufacturing, resources, utilities, transport, and water sectors.

More than just automation and control, SAGE Automation brings the Best Thinking to:

* Projects: End-to-end automation and control project design, engineering and delivery
* Manufacture: Control panel, switchboard and specialist advanced manufacturing services
* Asset Operations: Expertise, technologies and insights to drive smarter asset performance, from breakdown through to predictive whole of life asset management.

From device to cloud, we give our clients the smarts to see, understand and make informed decisions across their operation.

**Nukon:** Digital transformation consultancy, delivery and support. Nukon specialises in delivering digital transformation for companies that want to be future ready - whatever it holds. Its independent, custom-designed solutions combine strategy, analysis and technology to give visibility into key business processes, so they can be optimised. Nukon's consulting and agile implementations enable a collaborative and iterative way to implement solutions that are fit-for-purpose, reliable, cost-effective and have an instant impact on business output.

Nukon delivers fully integrated business optimisation, from supply chain to operations, the shop floor, IT, engineering and enterprise systems.

**Embedded Expertise:** Embedding the best technical specialists into your business. Embedded Expertise matches high calibre contract technical specialists with the agile clients who need them. Embedded Expertise is a part of the SAGE Group, who’s specialist business units combine their expertise to support clients to lead into the future on their digital transformation journey, with the perfect balance of technology, process and capability.

**Skills Lab:** Building your team’s Industry 4.0 capability. Skills Lab is delivering industry-derived training courses to individuals and organisations seeking to upskill with industry 4.0. Course options include automation, instrumentation, PLC, SCADA and hazardous area training, delivered in-person or virtually. In 2020, Skills Lab launched the first industry-based Diploma in Applied Technologies, specifically designed to enable industry to harness the benefits of connected technology and big data.

**Achievements/ Associations**

* ISO 9001:2015, ISO14001:2015 and AS/NZS4801
* Solution partner for all leading industrial automation and control technology brands
* Certified Member of CSIA

**What We Do**

SAGE works with clients across the manufacturing, resources, utilities, defence and smart transport sectors to design, implement and support their digital transformation journey with a balance of technology, process and capability.

**Capabilities**

* Technology & Assets
  + Technology selection
  + System Integration
  + Asset operation, support and optimisation
  + Migrating legacy assets and new technology
  + Communications, connectivity and IoT
  + AI and machine learning
* Process
  + Digital Transformation road mapping
  + Revenue and value creation opportunities
  + Data accessibility, security and usability
  + Digital-insight-led customer service
  + Data-driven decision making
  + Automation, control & digitisation project execution
* People & Capability
  + Workforce modernisation
  + Contracted specialists
  + User Requirement Specifications
  + Process design - connecting data & people