

Engineering Smart Utilities

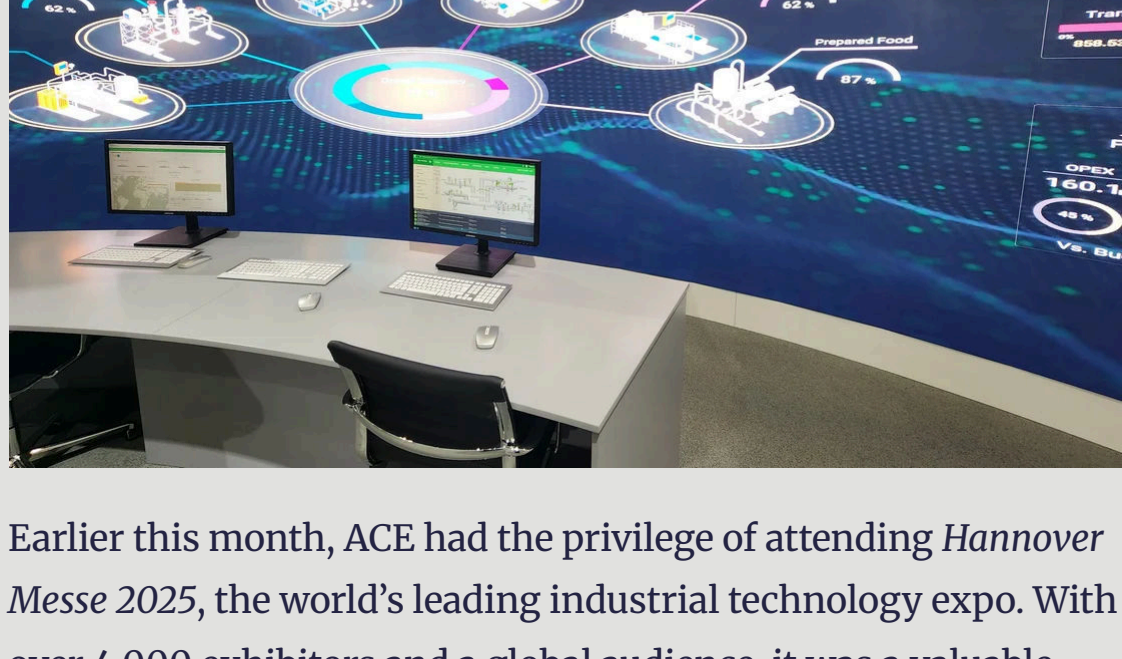
G'day ,

As we wrap up May 2025, we're pleased to share key developments in global technology and celebrate milestones achieved with our clients.

This month has marked meaningful progress in our continued commitment to innovation, technical excellence, and delivering value to our partners.

ACE at Hannover Messe – Key Takeaways

in Global Automation Technologies



Earlier this month, ACE had the privilege of attending *Hannover Messe 2025*, the world's leading industrial technology expo. With over 4,000 exhibitors and a global audience, it was a valuable opportunity to reconnect with the international engineering community and explore what's next in automation, control, and smart technologies.

Key Insights from the Event

- **Artificial Intelligence in Control Systems**
AI is no longer just a buzzword—it's being used in real-world systems to predict faults, optimise performance, and reduce downtime.
- **Industry 4.0 and Interoperability**
A major focus this year was on open protocols like OPC UA and MQTT, which are paving the way for easier integration between different systems and vendors.
- **Automation Supporting Net Zero Goals**
There was a clear message across the board—automation has a critical role to play in achieving decarbonisation.

Why It Matters for Our Clients

Keeping pace with international innovation allows us to deliver smarter, more resilient solutions tailored to local needs.

Hannover Messe reaffirmed that ACE is on the right track—and gave us new ideas to take even further.

Watch our summary video for a closer look at the innovations we explored and how they may shape our future projects.

[Watch ACE's Hannover Messe Recap](#)

Client's Fuel Facility Control Systems – FAT



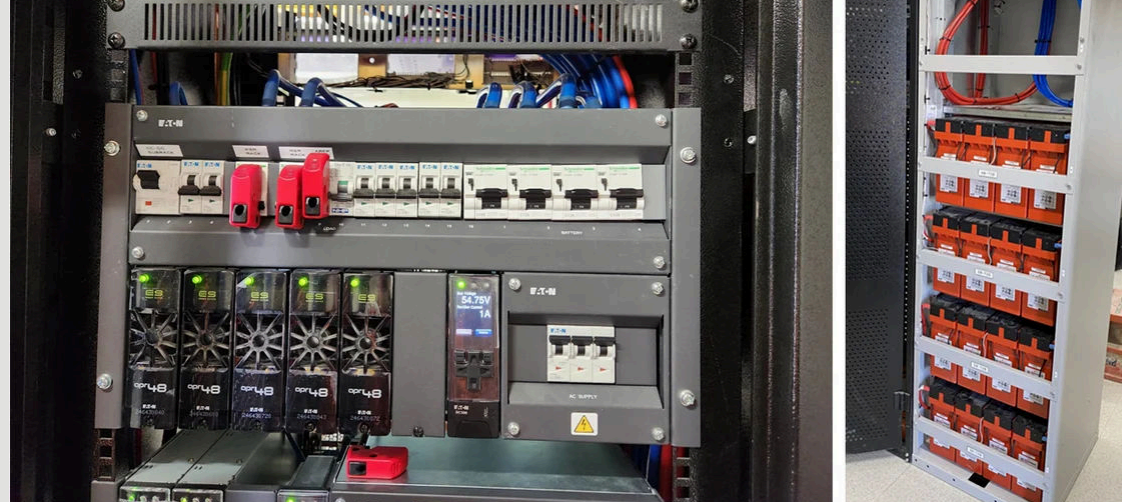
Thanks to the ACE team's dedication, our client has successfully completed the Factory Acceptance Testing (FAT) for their fuel facility control systems.

The FAT confirmed the full functionality of the PLC, HMI, and safety interlocks, ensuring alignment with the client's specifications and operational requirements. ACE's project delivery approach safeguards every critical step, with all control logic and alarm functions rigorously tested and verified in close collaboration with the client.

[SCADA Project Delivery Process](#)

Redundent Power Supply Site

Commissioning Completed



To ensure the uninterrupted operation of their critical infrastructure, our client required a customised Redundant Power Supply (RPS) system. ACE was engaged to design and construct a tailored solution to meet these unique requirements—where any misalignment could lead to system failure, revenue loss, and potential public concern.

Through careful risk identification and meticulous planning, ACE successfully delivered and commissioned the RPS on site.

The commissioning process confirmed system reliability, seamless switchover functionality, and full integration with existing infrastructure—ensuring continued operation in the event of a primary power supply failure.

[Speak with Our Team](#)

Strategic Alliance with Volta Energy –

Delivering Integrated Renewable Solutions



ACE is pleased to announce a strategic alliance with Volta Energy Group to deliver fully integrated renewable energy solutions across Australia, with an initial focus on Victoria and New South Wales.

"This partnership enhances our technical capability in control systems—an essential part of modern renewable infrastructure" said Ryan McKenzie, Managing Director of Volta Energy.

"Combining Volta's development expertise with ACE's proven SCADA and remote monitoring systems enables us to offer more comprehensive solutions to our clients."

Yu Jordan Zhao, Managing Director of ACE, added: *"This collaboration brings together Volta's strategic project delivery and ACE's technical depth in control systems. It's a strong synergy that positions us to deliver end-to-end solutions for complex energy projects, supporting Australia's renewable energy future."*

[Read The Full Press Release Article](#)

Preventive Approach to SCADA Issues –

Safeguarding Your Renewable Projects



SCADA systems are critical to the performance and reliability of solar, wind, and BESS assets. At ACE, we take a proactive approach—identifying and addressing potential issues early to reduce risk, lower costs, and enhance system performance. Watch a short video to learn how our preventive strategies support long-term success for our clients.

[Learn About Our Preventive Approach](#)

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