

Engineering Smart Utilites

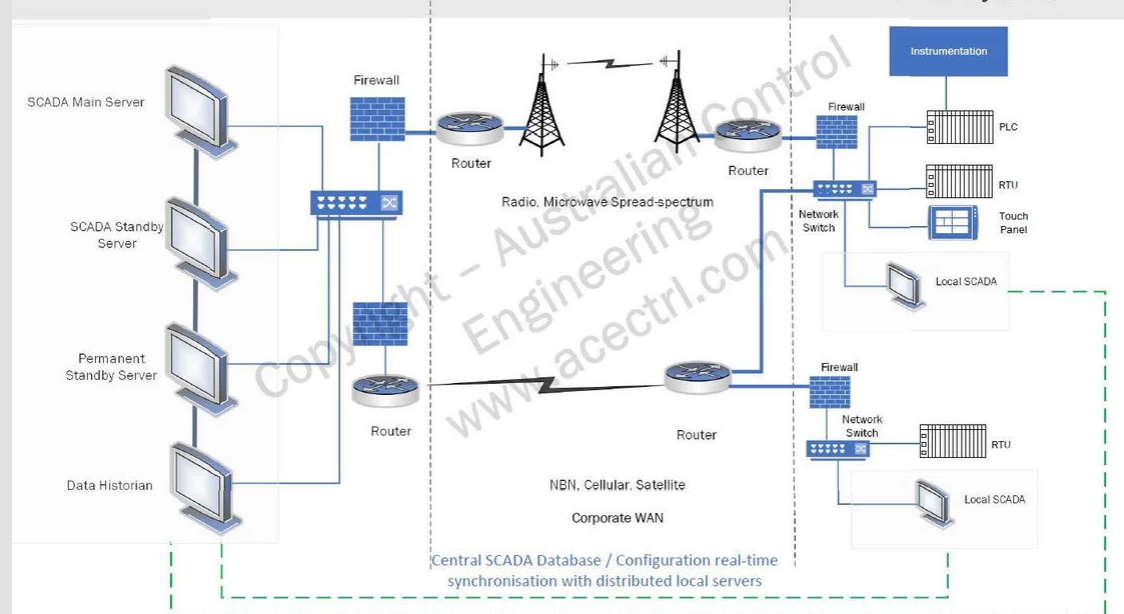
G'day ,

As we wrap up March 2025, we're excited to highlight our clients' successes and share key updates from ongoing initiatives.

This month has seen significant progress in our commitment to innovation, education, and industry collaboration.

Client Spotlight: Energy Utilites' SCADA

Modernisation



We extend our congratulations to our client in Melbourne on their "SCADA for our Future" project. This initiative aims to modernise Australia's largest clean energy supply network, delivering over 6 Gigawatts of power to local industries and communities. Integrating advanced SCADA systems will significantly enhance **operational efficiency** and **scalability**. ACE conducted a workshop at the client office to demonstrate a pathway for the SCADA migration, highlighting the OT security features, **flexibility** and scalability of our platform and its design concept.

[Watch an Immersive SCADA Workshop Video](#)

Battery Energy Storage System (BESS)

PCS and PPC Integrations



ACE demystifies the roles of the **Power Conversion System (PCS)** and the **Power Plant Controller (PPC)**, essential components at the core of modern Battery Energy Storage Systems (BESS).

The PCS plays a critical role by converting DC power from batteries into grid-compatible AC power (and vice versa), facilitating efficient charging and discharging of stored energy. Both BESS SCADA systems and renewable energy SCADA platforms, such as those used in solar farms, rely heavily on the PCS and PPC as the vital connection between battery storage and the electrical grid.

Working collaboratively with ACE, our client recently completed successful PCS and PPC factory integration testing for their BESS facility in Australia.

[Watch a BESS PCS and PPC Video](#)

Young Engineers Thriving at ACE:

Inspiring Career Growth Journeys



Our young engineers at ACE enthusiastically shared their hands-on experiences and insights from our engineering training programs.

Through dedicated mentorship and practical, real-world projects, they showcased how ACE is preparing them to lead at the forefront of industrial automation and SCADA.

Discover their stories and how ACE empowers the next generation of engineering talent—click the link below to watch a short interview video.

[Watch a Video on ACE Young Engineers](#)

Engineering Excellence in Action



This month, join us as a young engineer from ACE demonstrates the setup of a telemetry test bench using the ABB RTU540 system, an essential component in remote operations for the utilities industry.

This practical demonstration highlights ACE's ongoing commitment to hands-on engineering training, reflecting our belief that quality engineering directly translates into quality projects for our client.

Learn more about this telemetry system by clicking the link below to watch the video.

[Live Demo on a RTU540 Telemetry System](#)

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