

Australian Control Engineering



Engineering The Future of Smart Utilites

Hi ,

Here is the latest news from ACE for October 2022. As always, we are striving to understand the challenges faced by our clients, and deliver the best possible solutions. We are also committed to making ACE the best possible place to work in this very dynamic industry. Here are some of the highlights of our work during the past month:

Yu Jordan Zhao Delivers Guest Lecture at Edith Cowan University



Yu Jordan Zhao was invited by **Dr. Octavian Bass** to deliver a guest lecture at Edith Cowan University, Industrial Control Systems. Yu Jordan Zhao was honored to present SCADA, control system and industrial communication engineering technology to ECU's engineering students who were doing the instrumentation and control unit.

Yu has significant expertise in SCADA communication networks including DNP3, OPC-UA, Modbus, IEC 60870-5-104 and IEC 61580 (refer to a video on Modbus vs DNP3:

<https://www.acectrl.com/modbus-and-dnp3-what-is-the-difference>).

He provides utility SCADA & control systems and substation automation services across all major platforms including Schneider,

ABB, Allan Bradley, Siemens, Honeywell, SEL and GE. Yu has developed his own hosted SCADA platforms using Cellular, Satellite or Cloud solutions which has been demonstrated to many consumers as a remote monitoring & control solution.

Yu is passionate about promoting the engineering profession. He believes that engineering excellence is multi-angled – where the engineers should be recognised, not only for their technical capability, but also for their professionalism, and leadership. For this reason he has been sharing his experiences and knowledge with fellow engineers, industry partners, and clients. He has been doing this through “on the job” mentoring, public education, public speaking, and engineering videos on social media. Yu’s goal is to enthuse young people to enter the engineering profession and to be involved in ongoing education and training. So one day, they can become successful and inspire many others.

Also, ACE Engineer (Chenga Daw) presented ACE project delivery process (accredited by ISO 9001: Quality Management System) to the ECU industrial automation students.

Guess who has joined the ACE Team - "Clint Eastwood"



Malcolm Guy becomes the latest ACE's recruit. Malcolm brings years of utility experience on electrical & control system engineering to ACE team. He has worked in both the Water and Power industries for the past 35 years in Australia and overseas. He has solid hands-on knowledge in electrical & control systems design, protection system study, switchboard testing, installation and commissioning for pump stations, substations, power stations etc.

Also, over the years, he has been asked for photos by the locals when travelling around the world because of his resemblance to Clint Eastwood. He has the similar look, height and voice to Clint.

Control System Engineering can be a tough business, but with Malcolm onboard, the challenge "makes our day" easy as "Dirty Harry" may say.

ACE and Honeywell - Building a Strong Relationship



Yu Jordan Zhao (ACE, Managing Director) was very pleased to meet with **Jamie Hunter** (Honeywell, Senior Accounts Manager). Jordan and Jamie had a constructive conversation about the latest Control Systems technology, as well as the potential applications for Honeywell technology in both the current and developing SCADA & Control Systems market.

This relationship through the Honeywell SI program enables ACE to provide a wider range of SCADA, Control Systems and Instrumentation engineering design and integration services to the utilities industry. **Yu Jordan Zhao** looks forward to working with Jamie and Honeywell team to provide better support and innovative solutions to control systems end users.

ACE'S Electrical Supervisor, Chris Collins Presents to Clients.

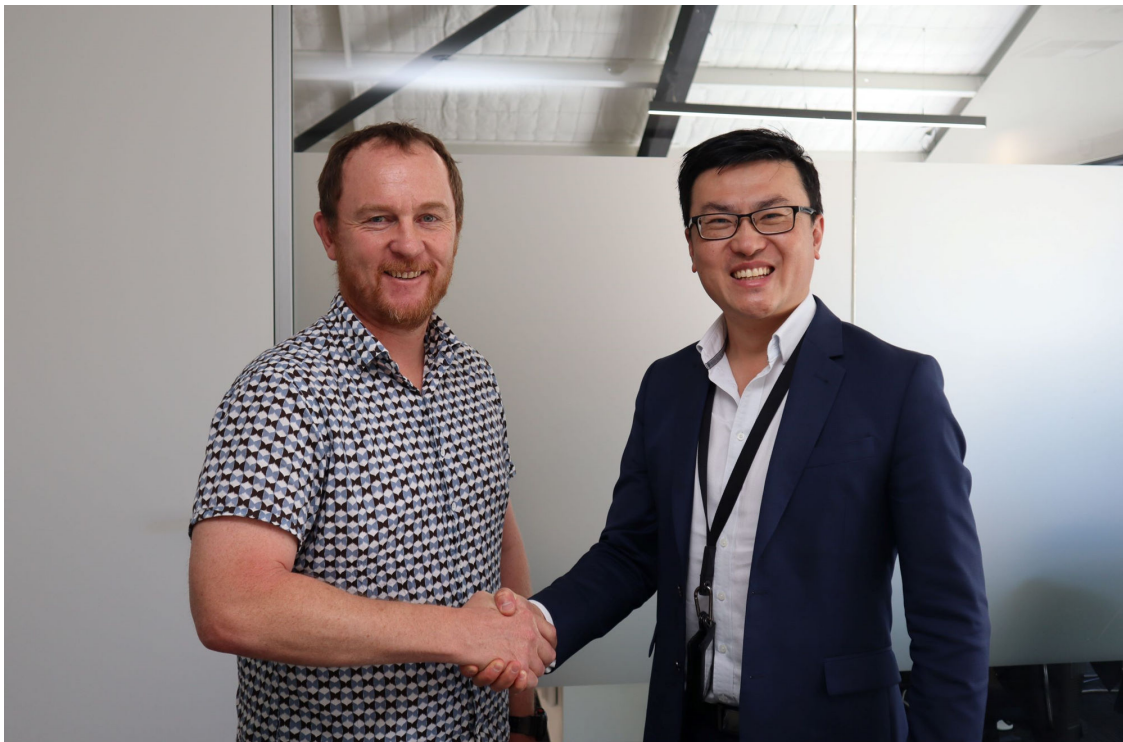


ACE's electrical supervisor – **Chris Collins** presented to clients on ACE's quality management system covering SCADA Design, Installation, Commissioning, OH&S and Environmental Management of SCADA and Communication systems. ACE has a clear Health, Safety and Environment (HSE) philosophy of delivering safe, reliable and sustainable outcomes for all of our stakeholders. Our commitment is reinforced through a robust approach to HSE implementation from project commencement through to operational support, training and compliance. We also strive for continuous improvement in our HSE approach, tools and systems to enhance the knowledge and practices of our team and our stakeholders.

Since 2017, ACE has achieved accreditation for Health and Safety, Environment, and Quality Management Systems in:

- **AS/ NZS 4801:** Occupational Health and Safety Management
- **ISO 14001:** Environmental Management
- **ISO 9001:** Quality Management

ACE and CNF Associates Harness the Strength of Cooperation



Yu Jordan Zhou, our leader at ACE, has recently collaborated with **Ronan O'Shea** the WA State Manager for **CNF & Associates** on delivering several turnkey fuel farm control system upgrade projects here in Western Australia. Ronan is a specialist in LV (low voltage) electrical design and drafting. **CNF & Associates** are focused on providing the most suitable solution for each individual client and their projects, helping them meet their needs and expectations.

The synergy between our two homegrown Australian quality engineering houses, ACE and CNF & Associates is something that we

would like to continue to explore, develop and harness the strength of cooperation into the future.

We invite you to visit the ACE website for a host of valuable information including white papers, case studies and and latest developments in the industry.

[White Papers](#)

[Case Studies](#)

[Utilities](#)

Please feel free to share our newsletter on social media.



Assurance
Customer Service
Environmental Awareness

LIC No. EC14878



Australian Control Engineering, Level 5, 200 Adelaide Terrace, Perth, Western Australia 6004,
Australia, +61 1300 561 881

[Unsubscribe](#) [Manage preferences](#)