MASTER CLASS

API organises a series of intensive Master Class courses, specifically designed to refresh and boost the knowledge of current and upcoming industry professionals. These courses, that include a range from 12-25 participants, are held at various locations across the nation, allowing for easier accessibility to all participants. The courses consist of two days of intensive training including lectures, key speaker presentations and shared insight to experience from current industry professionals.

IEC 61850 SYSTEMS INTEGRATION

API has just successfully concluded a series of Master Classes, which were focused on IEC 61850 Systems Integration. The implementation of IEC 61850 enables companies to design and deliver significant improvements in safety, reliability, and whole-of-life cost performance. The courses were run by James Stokes (Director of Jarrah Solutions), and Pascal Schaub (Director of D.T Partners Pty Ltd). Over 90 participants attended across Australia.

This course covered the theory of Ethernet network design, the IEC 61850 GOOSE and MMS protocols and the use of the Substation Configuration Language (SCL). The presenters, who each have independently led their own creation and implementation of IEC 61850 systems, configured a test system to demonstrate the individual steps that are required to implement and test a full substation automation system.

This Master Class course provided participants with a working knowledge of IEC 61850 systems integration based on today’s technology. Demonstrations were performed using the API test rack (pictured left) complimented by additional Vendor supplied products. These demonstrations showed how implementing IEC 61850 can significantly reduce time in the engineering process and improve the quality of the final product.
FEEDBACK & TESTIMONIALS

“This Master Class covered a broad spectrum of technical knowledge. The case studies were practical and the presenters were great facilitators. I strongly recommend these courses.”

“A fast paced intensive course led by well-spoken, experienced engineers. I am very grateful for them sharing personal experiences with design insights with implementation of 61850 systems.”

“A good balance of theory, practical and real world examples.”

“Survey statistics show that 91% of course participants would be extremely likely to recommend this course to others.”

“The course covered high level perspectives of 61850 implementation to detailed design. I left with a far better understanding of the technology and a keen desire to research further how this can add value to my business”

“This class has shed new light on how future operations and technology can bring great benefits that our growing society needs.”

“Outstanding course! Presenters had a very high level of technical expertise and a fantastic presentation style.”

“I was impressed with the knowledge of the presenters and with their many practical demonstrations.”

A SPECIAL THANK YOU

A genuine appreciation and special thanks is extended to the various companies and individuals who truly helped enrich this series of Master Class courses. This generous support was provided by:

Maryam Khallaghi (Omicron), Matthew Oong (Eaton), Nick Yates (GE), Steve Hancock (Australian Fibreoptic Communications), Jimmy Chong (TasNetworks), Nick Kwenda, Steven Coy & Tod Rowland (SA Power Networks), Akhtar Kalam (Victoria University), Marcel Geor (Tekron), Bernhard Korton (COPA-DATA) and Justin Nga (Belden).