



DT Partners Pty Ltd



Digital technology products, training and services

DT Partners Pty Ltd is the Australian and New Zealand distributor of zenon, the most innovative SCADA HMI software in the market, as well as providing a leading consultancy service and training provision with unique knowledge in substation and grid automation particularly with IEC 61850 multi-vendor systems.



zenon – do it your way

As the Australian/New Zealand distributor of zenon we have a product that is as flexible as it is innovative. We can provide local product architecture advice, sales, support and training with backup from COPA-DATA, our product supplier located in Austria.

As a universally deployable product family, zenon ensures simple, secure and independent automation for many companies worldwide. The SCADA HMI software offers an integrated overall solution from the sensor to the ERP.

Your machines can be operated quickly and safely with zenon as HMI – even with Multi-Touch.

As Process Control System, zenon ensures optimal visualization, supervision and control even in complex networks. As integrated PLC System, zenon communicates with any hardware.

zenon Analyzer, a member of the product family, ensures extensive reporting in real time, which automatically processes all relevant data from automation and IT into individually configurable reports.

zenon can be integrated into your Energy Management System and it supports ISO 50001 compliance. The zenon product family can easily be integrated into existing structures as platform-independent SCADA HMI solution.

Wizards like the WinCC Converter allow for a simple transfer from other systems. zenon is fully compatible with the Windows platform and is a platinum Microsoft partner.



Consultancy Services

We are able to offer services in substation and grid automation, protection and process control due to our extensive experience having performed many projects encompassing the power, oil and gas industries.

We have worked in many varied areas in these industries including electricity transmission and distribution, product development and gas infrastructure. We also have an established record in delivering new technology solutions to meet business needs.

Our experience combines development of substation automation products, substation design and commissioning, technology strategy and asset management.

We have developed a number of substation automation and control system solutions through from concept design to implementation and commissioning in both the domestic market and in Europe giving us a wide and unique view on solutions available.

We can offer services assisting you with our many facets of our expertise. We can work with you to clarify your company technology requirements and from this we can develop the technology strategy and formulate the business case.

We can work with you on the creation of a robust asset management plan which can enable planning and scheduling efficiencies that lead to real cost savings.

We have extensive experience in concept and detail design along with the production of the associated test plan for use during commissioning.

We are also able to assist you with formulating and implementing your change management plan to ensure new strategies and systems are embedded into the company with the best chance of success from implementation.

We have extensive expertise in IEC 61850 substation automation (station bus and process bus). This expertise has been gained through research, design development, and by commissioning 61850-based systems.

We have extensive customer relations experience and provide specialised training programs tailored to suit client's specific needs. We participate as a regular speakers at SCADA and IEC 61850 standard conferences both domestic and internationally.

Our Managing Director Pascal Schaub is a chartered member of Engineering Australia (CPEng) and a member of APEC. Pascal is also a panel member of Standards Australia EL-050 'Power System Control and Communications' and the international Working Group IEC / TC57 WG10 'Power System IED Communication and associated Data Models'. In this capacity Pascal has made several contributions to the development of the IEC 61850 standards series.

MASTER CLASSES IN IEC 61850 SYSTEMS

Training Provider

The Master Class suite of training packages is designed for those involved in scoping, design, vetting, commissioning, testing, maintenance or operation of power system protection and automation systems.

The international standard IEC 61850 'Communication and Systems for Power Utility Automation' is revolutionising the world of electrical power systems.

IEC 61850 enables business improvements by defining standardised methods of communication between devices. New integrated systems are being built from multi-vendor products, networked together to perform high criticality protection, monitoring, automation, metering and control functions. A number of major Australian and international power utilities and large industrial customers have now placed into service new IEC 61850 based substation protection and automation systems; many more are currently being developed.

These Master Classes will provide participants with a working knowledge of how to implement, verify and validate IEC 61850 based systems and solutions based on today's technology, demonstrated with today's products.

Demonstrations are performed using a multi-vendor test rack and independent test tools. These demonstrations supplement course material to help participants learn how to safely, reliably and efficiently design, verify and validate IEC 61850 based systems. The test system consists of protection relays from different vendors communicating with a SCADA HMI and Gateway over an Ethernet network.

The trainers have real world experience in leading the creation and implementation of IEC 61850 substation systems. Real life experiences will be shared with the participants to show how IEC 61850 can provide a real and working substation protection, automation and control system.

Training can be tailored to suit individual requirements if necessary and can be performed in house.

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