



Specialist Consultants
to the Electricity Industry

PSC NEWS

News and Views from the team at PSC

Issue 34 | July 2013

PSC – Major Sponsor for the 2013 EEA Conference

PSC New Zealand is pleased to be the major sponsor of the 2013 Electricity Engineers' Association (EEA) Conference & Exhibition that was held in Auckland recently from the 19 - 21 June 2013.

Operating for over 75 years, the EEA provides the New Zealand electricity supply industry with leadership, expertise and information on technical, engineering and safety issues affecting the electricity industry.

PSC as specialist consultants to the electricity industry are passionate about the same issues and as a result we are proud to continue this sponsorship in 2013 for the third year in succession. The sponsorship is also a reflection of PSC's ongoing commitment to the New

Zealand industry and fostering best practice.

This year's conference was a special celebration of 125 years of public electricity supply in New Zealand. The theme was 'Electricity, Past & Future' and it provided an opportunity to reflect on the impact electricity has had on society; how far power engineering and technology has come and where it is going in the future. It was also an opportunity to celebrate the electricity industry and its people.

For further information on PSC in regard to our electrical engineering capability or follow-up information from the EEA Conference, please contact Barry Ireland our New Zealand Electrical Engineering Manager
barry.ireland@pscconsulting.com

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PSC delegates at the EEA conference – Barry Ireland, Ross Gaspard, Chris Collie-Holmes and Kalyan Chilukuri



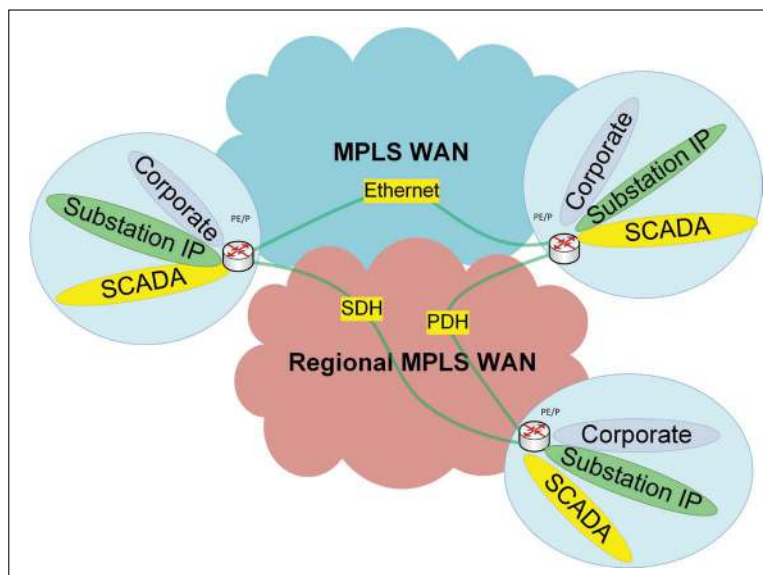
PSC IT Networking and Security Capability

PSC's team of Networking and Security specialists bring extensive experience in the technical architecture, design, and implementation of Network and Security systems for utilities. This is across a wide variety of platforms and technologies including networking and security in Enterprise and SCADA environments.

Our team of consultants are highly experienced and are

certified as subject matter experts in network and security. The certifications include Cisco CCIE, CCNP; (ISC)² CISSP, CSSLP; GIAC GSNA, GAWN, GCIH & GCFE; and Checkpoint CCSA.

We are vendor-neutral and independent, with the sole focus of providing recommendations and advice that best meets our customer's needs.



PSC services in IT Networking and Security include:

- **Data network strategy and asset management:**
 - Strategic planning
 - Independent technical review and advice
 - Technical specifications
 - Assistance in tender and product evaluation
 - Disaster recovery planning
 - Data centre consolidation
 - Data centre optimisation
- **Infrastructure architecture and design:**
 - High availability network designs
 - Secure network and systems design
- **Server and systems design**
 - Virtualisation and storage solution design
- **Security Review, Audit and Support:**
 - Systems and network audits
 - Penetration tests
 - Security incidence response
 - Incident forensic analysis
- **Operations Support:**
 - SCADA network support
 - IP data network support
 - Telephony and VoIP support

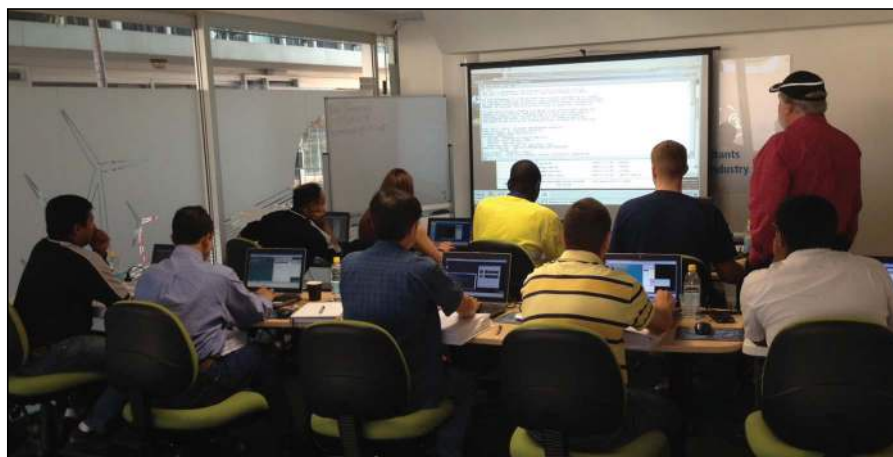
PSC SCADA / EMS Training Course

-Continuing education for our support engineers

The new PSC Darwin office was the location of another Alstom Grid Technology Training Course by Ken Sommers who has extensive experience in delivering this type of training both in Australia and internationally. This five day long course held in mid-June reaffirms PSC's commitment to up-skill our growing team of EMS / SCADA project and support specialists.

PSC team members and client engineers attended the course with the training aimed at both new and experienced analysts who support the Alstom Grid SCADA / EMS platform. Topics covered included system administration, alarm configuration and management, display building, SCADA operation and a special session on e-terrasource.

The course consisted of presentations and exercises, with each participant required to use their laptop to work through the various exercises both individually and as work groups. All participants expressed their appreciation for the efforts of the USA based instructor, Ken Sommers who presented the training course. The participants all felt they gained a better understanding



SCADA / EMS training courses in the PSC Darwin office

of the Alstom Grid suite of products which will greatly assist them in their project and support duties.

A key driver for staging these training courses is PSC's commitment to a continuing program of up-skilling

our EMS-SCADA project and support specialists so they are in the best possible position to deliver and support the latest releases of Alstom Grid's EMS / SCADA systems. Further training courses are being scheduled in New Zealand and Australia in September.

IMO Market Evolution Program - WAIiTTA Award

The Independent Market Operator (IMO) and PSC were recently recognised with a merit award in the 2013 WAIiTTA awards for their outstanding performance and contribution to the ICT community in Western Australia, for the Market Evolution Program (MEP).

MEP was a major project that included the implementation of new competitive markets for Balancing and Load Following Ancillary Services (LFAS) in Western Australia. This significant custom market systems design and evolution project has resulted in a more efficient and competitive Wholesale Electricity Market (WEM), with a recent cost-benefit analysis estimating benefits of \$15.3m in the first year alone.

PSC's contribution to the project included assisting the IMO with reviewing the market design to ensure it was able to

be systemised, project managing the technical implementation, designing and developing the custom market systems solution and leading the testing program of work.

The WA Information Technology and Telecommunications Awards (WAIiTTA) have been conducted annually since 1991 by the WA Branch of the Australian Computer Society Inc.



The IMO and PSC will compete at the National ICT iAwards in August.

PSC Welcomes New Staff

John Bergantino PSC Australia Business Development Manager



PSC Australia is pleased to welcome John Bergantino to the management team in the role of Business Development Manager (BDM). This role will cover our business operations in Australia, Asia and New Zealand. John is an experienced BDM in the electricity power consulting industry and has worked extensively in all three regions. He has over 25 years of experience in energy related industries and has over 14 years in business development and senior management executive roles within the power, mining, energy, oil and gas sectors.

John started his BD involvement in the professional services consulting business with DesignPower in New Zealand and later moved to Australia where he was involved in establishing and developing the PB Power business across Australia and Asia. He has significant experience in Australia, New Zealand and SE Asia and a good

understanding of matching professional and technical services to client requirements.

John's focus will be on developing our company wide strategy for business development and for assisting the PSC business units in developing business opportunities in Australia and Asia. As PSC is experiencing increasing demand for our specialist skills, John's BD skillset and strategic input in the BDM role will be an important aspect of the overall PSC business operation. John can be contacted at john.bergantino@pscconsulting.com

Increasing Demand for our Specialist Skills

PSC welcomes new staff, and is continuing its recruitment of industry leading people. This is in response to increasing demand for our specialist skills in the areas of HVDC and EMS upgrade/integration projects in Australia, New Zealand, United Kingdom and North America. PSC continues to build an outstanding team of passionate professionals.

New Projects on the go

PSC in recent months has been awarded the following projects in the United States and Australia;

PSC North America has been selected by Snohomish Public Utility District (SnoPUD) located in North Western Washington, USA to implement advanced DMS applications.

PSC Australia is continuing to provide design and installation of protection signalling equipment for ElectraNet's substations in South Australia.