

Newsletter

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AT A GLANCE...

AUTOMATION IT FINALIST IN TWO CATEGORIES AT PACE AWARDS

Automation IT has been selected as a finalist in two separate categories at the prestigious Process and Control Engineering (PACE) Zenith Awards. The award ceremony was held at the Dockside complex in Sydney's Darling Harbour and was attended by 230 industry professionals.



The event was anchored by Chris Taylor and Craig Reucassel of The Chaser and Hamster Wheel fame and they had guests collapsing in fits of laughter with their unique take on the world of process control.

CSIRO's Jonathan Roberts opened the night with a presentation on the very latest developments in automation and robotics technology.

This tenth PACE Zenith awards was an occasion to celebrate Australian ingenuity and also mark the 60th anniversary of PACE.

Automation IT was nominated for work completed at the new Gold Coast University Hospital in the categories of 'Best Fieldbus Implementation' and 'Power and Energy Management'. These awards join the long list of achievements and awards received from various organisations. These symbols of recognition have been gained through many years of engineering excellence and listening to what our customers actually want from an engineering company.



AUTOMATION IT AT WIOA

Automation IT Exhibits at QLD Water Industry Operators Association annual show

Automation IT met with numerous water industry professionals at the recent Water Industry Operators Association (WIOA) show held on the Gold Coast in June. The two day show provided an opportunity to meet with existing customers as well as show off our skills to a range of potential new customers.



TUV CERTIFICATIONS & FUNCTIONAL SAFETY

Automation IT Engineers gain certification in Functional Safety from TUV Rheinland

July presented a new challenge for some of our engineers with the arrival of Rockwell Automation's TUV2 courses and the pending TUV Certification exam. The Machinery stream was chosen rather than process (SIS) due to its complexity and the limited number of TUV Certified Machinery FS Engineers in Australia — Currently 20 in total. We are pleased to say that our attendees did the company proud and passed what is known in industry as one of the hardest certifications around. Certification numbers are expected within 4-6 weeks and Automation IT will be adding Functional Safety Certification to our growing list of capabilities.



More News...

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PROJECT NEWS

Logan Water Loganholme WWTP Inlet Works

Automation IT have been awarded the contract to implement the new Inlet Works control system at the Loganholme Water Pollution Control Centre. As part of the project, new equipment will be installed including wastewater screens, grit tanks, a grit conveyance system, odour control facility, modifications to an existing pump station, upgrades to the treatment plant's wastewater bypass pipework, and installation of several new pipelines at the site. Once complete, the new inlet works will be capable of screening up to 6,400 litres of wastewater per second, which is close to 2,500 litres per second more than its current capacity. The project is scheduled for completion in late 2014.

Eagle Downs

Stage 1 of the standards development for Eagle Downs new coal project in the Bowen Basin is complete. A full range of documentation and standards have been developed ready for the commencement of stage two which will include software blocks.

Cairns Hospital NCS/EMS

Project design and engineering is well underway on the NCS and metering system for the new Block D at the Cairns Base Hospital. The system incorporates the engineering of fifteen separate mains failure scenarios which take into account the site feeders and associated busbar configurations.

Unity Water SCADA Outstation Upgrade:

Off to a flying start on this project with eighty four (84) pump station upgrades to be completed within a sixteen week timeframe. With the majority of hardware due for delivery over the next couple of weeks the gear trays and RTU cabinets are not far off ready for installation on site. Preliminary site inspections have already begun and are providing our design team with the information required to deliver design drawings in a timely fashion. Great work from all to provide our customers with the services they expect from Automation IT.

Other Industry Events:

AIMEX
 20th –23rd August, 2013

QLD Gas
 10th & 11th September, 2013

EMS SOLUTION FOR OCEAN KEYS SHOPPING CENTRE IN PERTH



Automation IT has further established themselves in the Western Australian market by being awarded the Energy Monitoring System project as part of the \$105 million redevelopment of Ocean Keys Shopping centre.

The redevelopment will include a new mall with 48 extra specialty stores, a full line Target store as well as an exciting new dining precinct. An additional multi-deck car park will be added catering for the Perth climate with over 90 per cent of the parking undercover.

Automation IT will work with Built Environs and TES Electrical to implement a combined system of energy reporting and tenancy billing using Schneider Electric energy meters for the house services and main switchboards which will communicate to the site's Building Management System to provide current and historic energy consumption of the shopping centre.

Additionally, EDML meters and EziView software will be used to communicate to all tenancy distribution boards, providing accurate billing and reports to the store management for each tenant's individual energy usage. This system is fully compliant to the new National Measurement Institute's M6-1 standard on revenue meters, which came into effect in January this year.

The engineering team has started strongly and are well underway as commissioning is set for December with the whole project set to be completed before Christmas 2014.

