

Newsletter

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AT A GLANCE...

AUTOMATION IT AT THE GOLDFIELDS MINING EXPO IN KALGOORLIE

As Automation IT expands its operations in Western Australia, the recent Goldfields Mining Exhibition held in the mining town of Kalgoorlie provided the perfect setting for getting the company name out to some new customers.

The Goldfields Mining Exhibition showcases a huge range of leading suppliers exhibiting the latest mining technology, equipment, and services, including applications from exploration through to extraction, production and mineral processing.

The show was a great opportunity for Automation IT to catch up with existing customers and follow up on current and future projects face to face. As an added bonus we were able to meet new faces in the industry and explore new opportunities.



AUTOMATION NEWS

GE IP's New RSTi I/O Platform

The RSTi distributed I/O is part of GE Intelligent Platform's High Performance Platform strategy, that leverages industry standards along with our experience in embedded technology and automation to deliver long life, higher performance solutions, that are easy to configure, manage and upgrade.

The RSTi line of I/O extends the capabilities of the PROFINET enabled GE solution with the addition of a comprehensive line of granular slice I/O that allows customers to simplify panel design and reduce the overall size of the control panel while benefiting from the performance, maintainability and upgradeability of the PACSystems platform.



AUTOMATION NEWS—Continued

Rockwell Automation announces Allen Bradley MicroLogix 850 PLC

The Micro850 micro PLC is equipped with the same form factor, plug-in support, instruction/data

size and motion capabilities as the 24-pt and 48-pt Micro830

controllers, but with the added

capabilities of Ethernet and expansion I/O. The Micro850 controller specifically targets the needs of OEMs and excels at stand-alone machine applications. The Micro850 controller has an embedded Ethernet port for higher performance connectivity to human-machine interfaces (HMIs). The EtherNet/IP protocol with CIP Symbolic support is used for simplified Allen-Bradley PanelView Component HMI connectivity. Tags created while configuring the HMI screens can easily reference the variable names in the Allen-Bradley Micro800 program.

I/O flexibility in the Micro850 PLC is one of the keys to successfully minimizing the cost of a machine. With support for up to five plug-ins, OEMs can customize the functionality of the controller with additional I/O, special functions, and serial ports without increasing the size of the controller.



More News...

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PROJECT NEWS

Innisfail WWTP

The project at Innisfail is now commissioned and is fully functional. Several upgrades of the Innisfail STP and surrounding RTU infrastructure are underway for several different customers after the successful completion of the recent control system upgrade at the Innisfail STP.

PA Hospital TRI

Work has been expanded to cover the new BPA building (BPA Biologics Plant of the Future) and associated works. Final touches are being implemented on the TRI building NCS/EMS, with sections of the new building already occupied. With some research being performed with some nasty substances we are confident the emergency power will hold up to avoid a disaster.

Gold Coast University Hospital

Final automatic power outage scenario commissioning is under way for a planned February 2013 handover. The project has been delivered in collaboration with several other contractors, with not one milestone being missed along the way.

Energex

Further assistance has been given to Energex to maintain their fleet of remote generation sites. Automation IT has now completed the commissioning of a remote iPhone application to provide diagnostics and monitoring for the Energex support engineers.

Cairns Hospital NCS/EMS

System design is progressing well, engineering is underway for a mid-2013 completion. Using a majority Siemens solution from the field to the PLC enclosures through to the SCADA ensures a seamless integration.

Coolum WWTP

Recent changes to the design requirements by the customer have pushed the commissioning out until early February 2013. We are eagerly awaiting the site roll out and look forward to assisting the plant operators during the phase in of the new system which has not changed since the early 90s

Training Services

Automation IT recently delivered several informative Proficy Machine Edition & CitectSCADA training courses to a mix of both site engineers and electricians. This is an ongoing service that we offer both in our offices and on site at a customer's premises.

Training services are offered for all the major brands of PLC and SCADA.

NEW GENERAL MANAGER !

Automation IT welcomes Jason Grace who has taken on the role of General Manager. Jason relieves Mark Neale who has tirelessly held the role for the previous twelve years.



Jason brings with him a wealth of experience across a number of diverse companies from large multinationals and defence organisations to smaller companies and technical roles. Jason has begun streamlining our already efficient operations to provide even better service and support to our customers. We all wish Jason the best in his new role.

STAFF CHRISTMAS PARTY

This year's staff Christmas party was held at the Baan Thai Restaurant with the after party carrying over to the 'Barra Bar' in Springwood. The chef made a banquet fit for a king and the quality of the food was unbelievable.



Other Industry Events:

Water in Mining Conference, Perth, 19th-21th March, 2013
Mining Electrical Safety Conference, Brisbane, 26th -28th June, 2013
AIMEX 20th -23rd August, 2013