

Newsletter

Volume 13, Issue No.1

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AT A GLANCE...

AUTOMATION IT OPENS A NEW OFFICE IN PERTH WESTERN AUSTRALIA

With our customer base expanding across the width of Australia, Automation IT is proud to announce we have opened a new office in Perth. The growing need to meet customer's demands in our industry has meant that we've had to expand beyond our Queensland borders.

Our decision in having an office based in Western Australia was driven by our customers wanting a personal relationship with Automation IT in the region.

It is important to Automation IT to have a team of representative's on the ground to meet with customers face to face and to deliver a personal touch you can't replicate via phone or email.

The Perth office has given us a strategic position to provide the best possible solutions for customers throughout the Western Australia region.

With forecast of future growth within the region set to soar, it was essential for Automation IT to meet the demand for System Integrators.

The Perth office is headed up by Frank Greenaway, previously based in Brisbane but originally from Perth. Frank is our newly appointed Business Development Manager and Mike Turnpenny our first Field Services Engineer who has resided in Perth since emigrating from the UK.



AUTOMATION NEWS

Red Lion Controls parent Spectris purchase N-Tron & SixNet

Sixnet, a manufacturer of Ethernet switches and related components, will operate in close cooperation with Red Lion Controls, another Spectris company.

That increases Red Lion to a staff of about 410, Red Lion President Mike Granby said.

The acquisition expands Red Lion's business in Ethernet switches, automation and wireless technology. Last year, Red Lion acquired Alabama-based N-Tron Corp., a similar industrial networking firm, for \$51 million.

"(The acquisition) not only provides us with new products, but it gives us access into new channels such as Sixnet's work in the military sector," Granby said.



AUTOMATION NEWS—Continued

Siemens adds PROFINET interface to Simatic S7 400h controllers

Siemens Industry added a PROFINET interface with a 2-port switch to its line of fault-tolerant Simatic S7 400H high performance controllers. This addition enhances the unique I/O system redundancy and availability provided by the controllers.

The product line, that now includes the new 416-5H model, has also been improved with a larger memory and an expanded quantity structure for data and function block as well as function calls.

The PROFINET interface with a 2-port switch is used for plant communication and supports fault tolerant H-connections via TCP/IP (ISO on TCP). Similar to the integrated MPI/DP and PROFIBUS DP interfaces, the interface permits the system-redundant connection of IO devices. Using fiber-optic cables, data synchronization between controllers is possible at distances of up to 10kilometers.



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NEW APPOINTMENTS WITHIN THE RANKS

With our continual expansion at Automation IT, two new Business Development Manager positions were in hot demand. To accommodate the extra workload, Automation IT didn't have to look too far to find the right kind of people. Existing staff members Frank Greenaway and Daniel Lawson from our engineering department were looking for new challenges and ways to add to their current skill set. With this great opportunity being announced earlier in the year it was hard for either person to let slip by. After a lot of debate and discussion at our Brisbane Headquarters we are proud to announce Frank Greenaway will be BDM for Western Australia and Daniel Lawson will be BDM for Queensland.

Daniel only being with us for 9 months has proven he can take on this very demanding role and the workload it brings. His previous roles as Lead Engineer and acting QLD Manager of Serck Controls during the Schneider acquisition of SCADAGroup in 2010 along with his vast product and engineering knowledge makes him well suited for this role. Daniel's main experiences are in oil and gas and telemetry fields. With over 15 years' experience in the Automation industry he provides sound knowledge and offers a wide range of industrial solutions



Frank has shown a huge interest in sales and Business Development when he first arrived at Automation IT. Five years on and gaining valuable experience in the engineering team his passion for sales has reignited. His experience in both engineering and sales made Frank the ideal candidate to take on this role. His easy approach to our existing clients and attention to detail has made him a valuable asset to Automation IT for a number of years and will without a doubt continue to be of service to our customers in Perth.



CONTINUAL GROWTH - MEET THE NEW MEMBERS OF OUR TEAM!

Automation IT continues to grow with the employment of three new members to join our friendly team this quarter.

To meet our internal needs our IT department have recently welcomed Ricardo Prieto to the team. Ricardo has more than six years professional experience in Australia and overseas. His various IT roles includes technical support, software development and database engineering. His experience is enhanced by his bachelor degree in computing. In his spare time he enjoys playing soccer, watching movies and outdoor activities with family and friends.



Mike has had a very decorative career thus far. He started working in the Armed Forces in different sectors in the industry as an Electrical/Mechanical Engineer. Mike then went on to be a field service engineer for a few years travelling to all parts of the world such as the UK, Channel Islands, Europe, Japan and Australia. The last 10 years he's spent developing software and hardware systems for the Medical Industry which he is very passionate about. Apart from working on engineering projects he also enjoys fishing, motorbikes, sports photography and travelling. He's a great addition to the team who brings a lot of experience and a wealth of knowledge.



Offering great opportunities for undergraduates to come through the system and continue their on the job learning has always been one of Automation IT's top priorities. James Eather is currently doing his final year in engineering with majors in electrical and control systems at QUT. His interests include Pro Audio, programming and web design.



We welcome each of the guys and hope that they have a fulfilling career at Automation IT !

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PROJECT NEWS

Innisfail WWTP

Work is entering the final stages of commissioning on site. Typical site delays have provided the usual challenges, but even the extensive rain hasn't managed to deter the Automation IT team. It is expected that the plant will be completed in the near future.

Amcor Process Works

Automation IT has been selected as principle contractor to perform a major upgrade of the Brisbane beverage can plant for Amcor. Under this contract one of the can lines will be upgraded with a new MCC, ControlLogix PLC architecture, wiring and instrumentation.

PA Hospital TRI

Work has been expanded to cover the new BPA building (BPA Biologics Plant of the Future) and associated works. The main project has suffered some building setbacks however the automation section is still on target for delivery later this year.

Allconnex Water—Loganholme

Further work is underway at Loganholme in preparation for the addition of new Inlet Works and upgraded Chlorination facility. The new contract extension has been signed to ensure that Automation IT continues to provide top quality support to Allconnex.

Degremont Noosa

Automation IT are continuing support of the Noosa Waste Water Treatment Plant with an upgrade of the SCADA systems on site. The upgrade will include new server and network infrastructure along with the latest version of the Cimplicity HMI software.

Proficy Manager Projects

PCM projects are currently being completed for several more sites across Australia.

Energex

Further assistance has been given to Energex to maintain their fleet of remote generation sites. Automation IT are currently commissioning a remote iPhone application to provide diagnostics and monitoring for the Energex support engineers. The system will be completed in late April.

Gold Coast University Hospital

Work at the Gold Coast University Hospital has now reached a major milestone. Functional acceptance testing has been completed and site commissioning can continue. The project is on time and budget and Automation IT has received great praise from our clients for the outstanding quality of the work completed.

COOLUM WASTE WATER TREATMENT PLANT

Automation IT has recently secured a project to upgrade the control system at Unity Water's Coolum Sewage Treatment Plant.

The upgrade consists of replacing the existing Square D PLC's and Citect SCADA with a redundant Modicon Quantum PLC system, Advantys remote I/O and ClearSCADA operator stations.

Automation IT has been appointed as principle contractor and will be responsible for design, software engineering, testing, installation and commissioning of the plant.

The project is expected to be complete by September 2012.



NEW TRADE SHOW PORTFOLIO

With our website undergoing a subtle makeover, it was a natural progression for Automation IT to give our tradeshow displays a facelift for the upcoming Industry Tradeshows in 2012.

Our new look will give informative, decisive, easy to read information at a glance and give potential new customers critical information to make System Integration decisions with ease.

As well as the new look we will have experienced staff on hand to run through previous case studies to demonstrate the high standard of work they can expect.

Other Industry Events:

Rockwell Automation on the Move, Brisbane
Water Industry Operators Association (WIOA) QLD Conference, Gold Coast 6th & 7th June, 2012
Mining Electrical Safety Conference, Brisbane, 4th-6th July, 2012
Queensland Mining Exhibition, Mackay 24th -26th July, 2012