

Newsletter

Volume 14, Issue No.4

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AT A GLANCE...

AUTOMATION IT TEAMS UP WITH UNITYWATER FOR 'MOVEMBER'

During November each year, Movember challenges men to grow a moustache for the 30-days of November to raise funds and awareness for prostate and testicular cancer and mental health through sponsorship from family, friends and colleagues.

An estimated 124,910 new cases of cancer will be diagnosed in Australia this year, with that number set to rise to 150,000 by 2020. Of this number the most common form of cancer is prostate, something Movember aims to change.

Automation IT's involvement in the event grew again this year with General Manager Jason Grace joining Systems Engineer Chris Niehoff in the Mo' grow. The pair raised over \$500 and some eyebrows at their new facial hair.

Fellow Mo Bro's included key client UnityWater's SCADA team with Jason Colston taking out best 'Mo'



Movember participants (L to R) - Automation IT General Manager—Jason Grace, UnityWater SCADA Program Manager - Andy Wyer and UnityWater Project Manager—Jason Colston

FAREWELL TO NOOSA PLANT MANAGER

Peter Wright retires from Degremont operated Noosa WWTP



When Automation IT commenced trading back in July 2000, a number of the team were already familiar with Peter. Peter had been the plant manager at the Noosa site since it's original commissioning in 1997.

Over the years of Peters tenure, Automation IT has completed various plant upgrades and repairs along with the continuous 24x7 support of the critical PLC systems. It has been a pleasure to work with Peter and his team and we wish him all the best in retirement. We look forward to working with Michael who has taken over from Peter and we know he will have some big shoes to fill.

PRODUCT NEWS

New SLC Upgrade Path from Rockwell

The 1747-AENTR adapter module enables Compact Logix and ControlLogix processors to control SLC I/O modules. The adapter is primarily designed to enable migration of existing SLC controlled systems to Logix based systems. The adapter mainly acts as a gateway between the SLC backplane and EtherNet/IP. It typically replaces an SLC controller in the 1746 rack. On remote SLC racks, it replaces the 1747-ASB module or the ControlNet adapters, catalog numbers 1747-ACN15 and 1747-ACNR15.

Control of the backplane I/O is accomplished with a CompactLogix or ControlLogix controller communicating through an EtherNet/IP router in the Logix backplane, across EtherNet/IP, and into the 1747-AENTR gateway.

As a gateway between the SLC backplane and EtherNet/IP, the 1747-AENTR module is a CIP server (for both Explicit Messaging and I/O) on the Ethernet port, and an SLC host on the 1746 backplane.



More News...

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PROJECT NEWS

Logan Water Loganholme WWTP Inlet Works

Automation IT is in the final stages of development of the control system for the new Inlet Works at the Loganholme Water Pollution Control Centre. Bench testing is due to begin in early January with dry commissioning due to commence in late January. Once complete, the new inlet works will be capable of screening up to 6,400 litres of wastewater per second, which is close to 40% more than its current capacity. The project is scheduled for completion in late 2014.

QGC Aquifer Injection Trial

QGC are trialing a method to reintroduce treated coal seam gas water at a depth of 1.2Km below ground. Preliminary designs have been completed and Automation IT will provide a system to control and monitor the process to ensure that everything works as expected. Programming is scheduled to commence in the new year with commissioning and trials expected to begin mid year.

Cairns Hospital NCS/EMS

Project commissioning is nearing completion on the NCS and metering system for the new Block D at the Cairns Base Hospital. Unfortunately some of the other trades have experienced some delays on site so the practical completion of the project will be delayed.

UnityWater SCADA Outstation Upgrade

Automation IT has now secured the 'Part B' works for the outstation upgrade on the southern region of Unity Water. Work has progressed well on the existing 80+ sites and although some challenges be been presented and overcome we are 99% complete on the 'Part A' works. 'Part B' of the works is due to commence straight after the Christmas break and will run for approximately four months.

Origin Energy Monreagh Pump Station

Project engineering is nearing completion on the Origin Energy pump station project at Monreagh. The system comprises an Allen Bradley ControlLogix PLC with remote connection to a Citect SCADA system. This PLC monitors the plant intake and distributions of conditioned permeate water from the Talinga Water Treatment Facility (WTF) which is pumped into the Monreagh irrigation dam and distributed to specific farm fields.

NEW APPOINTMENTS

STEVE McCOID

Steve has joined Automation IT in the role of Sales Support Engineer. Steve has a degree in Electrical and Electronic engineering and has recently relocated from New Zealand where he worked in the marine industry designing control systems for luxury vessels.



PAUL VAN LEEUWEN

Paul has joined Automation IT in the role of Project Support Officer. Paul has a background in manufacturing, product distribution and computer aided design. Paul has previously worked as an operations manager in a production environment and brings strong organisational skills to the team.



KANCHANA HATTOTUWEGAMA

Kanchana has joined Automation IT in the role of Systems Engineer. Kanchana brings with him a wealth of experience in both underground and surface mining including coal, copper/gold and bauxite mines. In addition to this Kanchana has experience in gas metering telemetry, wine processing and manufacturing.



Other Industry Events:

ROCKWELL AUTOMATION TECH ED
 25-27 February 2014 - Gold Coast, Australia

MINING ELECTRICAL SAFETY CONFERENCE
 7th -9th July, 2014—Brisbane, Australia