

RSTechEd 2010 – A Game Plan for Success

With more than 30 unique technical sessions, hands-on labs and customer presentations, this year's RSTechED conference hosted by Rockwell Automation will provide attendees with a detailed look at how manufacturing intelligence is helping companies reduce costs and achieve plantwide optimisation. The annual event attracts a diverse group of attendees, including end users, system integrators, OEMs, distributors, industry analysts and media.

"Manufacturers are continuously challenged to increase production yields, drive down costs, improve quality and reduce raw material use, especially in today's economic climate," said Steve Eisenbrown, Rockwell Automation senior vice president, Architecture and Software. "Manufacturing intelligence leverages powerful reporting and analysis tools, interfaces and dashboards to aggregate

critical, real-time metrics and turn them into readily accessible information visible across the enterprise. This empowers individuals at all levels to make informed decisions that lead to increased operational efficiency, improved business agility, and more sustainable productivity."

In this unique venue, you will learn how to leverage your automation investments and create the architecture for continuous optimisation, competitive differentiation and sustainable production. RSTechED gives you a full understanding of the latest manufacturing software and technology solutions.

What's in It for You? Premium Education.

RSTechED is as an advanced education in manufacturing and production. Only RSTechED serves up a curriculum this broad, with specific sessions appealing to users

and managers at all levels within an organisation. The event provides an interactive classroom-style environment set up for people working in manufacturing, process and OEM industries. Hear from subject matter experts as they share their experiences and discuss current and emerging technologies.

Save The Date

• **September 14-16, 2010**, at the Brisbane Convention & Exhibition Centre in Brisbane, Australia

• **November 16-18, 2010**, at the Novotel Auckland Ellerslie in Auckland, New Zealand

Continuous improvement accelerates performance. Only one event can help you develop strategies to grow your manufacturing and production businesses – RSTechED. For more information please contact Anne Ward e-mail: award@ra.rockwell.com.

Behind-the-scenes insight into engineered systems expertise

Industry was recently granted a rare opportunity to get a behind-the-scenes look at some of the projects currently in the manufacture and testing stages at the Rockwell Automation engineering, manufacture and test centre at Lane Cove, Sydney. The open day—hosted by the company's System and Solutions Business South Pacific—comprised a tour of the factory, supported by presentations from both end-users and in-house subject matter experts.

The focus of the day's activities concentrated on the company's engineered systems capabilities. Taking centre-stage was a solution provided to Victoria's largest energy producer, Loy Yang Power, which involved a 1MW variable speed conveyor drive being used to extend an existing coal haulage conveyor.

The 80 attendees were also able to view a number of current projects in their various manufacturing or testing phases on a tour through the factory. These included an in-progress project for Malaysia-based OEM Scomi, for which Rockwell Automation is



supplying 68 IP65 packaged PowerFlex 700 liquid-cooled drives to run the monorail traction motors for the Mumbai Monorail.

Other projects on view were:

- A skip-hoist upgrade for OneSteel at its steelworks at Whyalla. This project entails upgrading the site's obsolete Automax hardware, and bringing the safety system up to current standards;
- A project for Indonesian aluminium foil mill, P T Starmas, comprising the upgrade of an obsolete analogue DC drive to a current digital DC drive, and the subsequent upgrades to the on-site drive control system;

- An upgrade to the men and materials drift winder at Westcliff Coal Mine NSW, where the existing ASEA drive control system is being replaced to meet the Department of Primary Industries guidelines for winder certification.

"Our guests were impressed with the varied nature of the solutions on show—all designed and manufactured under one roof—demonstrating the diversity of industrial applications that the System and Solutions Business is involved in," said Rockwell Automation Solution Consultant for the Systems and Solutions Business, Peter Tomazic.

PACE Zenith Awards 2010

The Zenith Awards have been running since 2004 and reward companies that show leadership in engineering and technological excellence and innovation across eight industries. The awards program gives recognition to entire projects in these industries and are the only awards program specific to process, control and automation in Australia.



The 2010 Awards Presentation evening was held on 18th June in Melbourne and celebrated many remarkable and diverse achievements. Rockwell Automation, once again has been pleased to be involved with the PACE Zenith Awards, sponsoring the Power & Energy Management and Transport, Power & Infrastructure categories. We congratulate all the finalists, winners and those who submitted nominations. These projects are testament to the high achievements being accomplished on a world leading scale and acknowledge our engineering and solution providers attaining global recognition.

The Winners and Highly Commended awards for each category were:

Automotive & Manufacturing

Winner: CPE Systems: Automated Testing of Smart SCADA Multipoint Radios
 Highly Commended: BJH Controls: Mixing Room Optimisation Project
 Hilustre Coatings: Robotic Joinery Painting System

Food & Beverage

Winner: Sage Automation: Fire Recovery Project, Mildura Fruit Juices
 Highly Commended: Robotic Automation: Robotic Packing & Distribution centre, Cooranbong

Metal Products Manufacturing

Winner: AC Mobility: Atigra Mid-Wheel Drive Power Wheelchair
 Highly Commended: Sentient Computing & Torq Software: MVX 3D Visualisation

Oil, Gas & Hydrocarbons

Winner: Parasynt: ESG Narrabri Gas Field SCADA System
 Highly Commended: Vector Gas: Control Systems Upgrade

Mining, Minerals & Exploration

Winner: Sigma NSW: BHP Billiton Mitsubishi Alliance Gregory Mine CHPP Control System
 Highly Commended: CRCMining: SmartCap Fatigue Management System
 Rio Tinto Iron Ore: Further Fines Processing Plant Upgrade (FFPP)

Transport, Power & Infrastructure

Winner: Sage Automation: Port River Expressway
 Highly Commended: Aurecon Hatch: Abbot Point Coal Terminal – X25 Expansion
 Patrick Stevedores and CrispTech: AutoStand Terminal Remote Control Operator Station

Power & Energy Management

Winner: Aurecon: Power Station Control System Upgrade
 Highly Commended: Yokogawa Australia and Eraring Energy: Power Station Turbine Control & Protection Systems

Water & Wastewater

Winner: UGL Infrastructure: Protecting the Barrier Reef – The Cairns Cleaner Seas Alliance Project
 Highly Commended: BlueWater JV and Endress+Hauser: Sydney Desalination Plant
 UGL Infrastructure: North Head Sewage Treatment Plant

Overall Project Winner: Sigma, NSW