May 07 Issue 67

INCON

INCON-the newsletter of the Ireland Section of ISA.

Intelligent Valve Terminals Technical Talk, Dublin

The 'Intelligent Valve Terminals', technical talk took place in Bewely's Hotel, Dublin on Tuesday 6th February 2007.

The talk was presented by Mr. Brian Reardon of FESTO. The talk gave aa step by step guide to integrating pneumatic solenoid valves into modern control architectures from the basic of solenoid valves to web-based diagnostic tools.

Jim Long & Brian Reardon

Maurice Radford Receives Golden Achievement Award

Jim Long presenting Maurice Radford with the Golden Achievement Award. Jim Long collected the award on Maurice's behalf at the 'Fall Meeting' in Houston in October 2006.

"ISA, the international society for measurement and control, advances the technology and the competence and the careers of practitioners for the benefit of industry and humanity."

District 12 Leadership Conference (DLC)

The 2007 DLC will be held in St. Petersburg, Russia on 25 and 26 May. It will be held at the Management Training Centre Hotel in the town of Pushkin on the outskirts of St. Petersburg.

The main purpose of a DLC is to Train Section Leaders and for Networking so that the volunteers can carry out their ISA roles in a better manner.

OEE

(Overall Equipment Effectiveness) & Performance Monitoring

The 'OEE (Overall Equipment Effectiveness) & Performance Monitoring' technical talk took place in Rochestown Park Hotel, Cork on Tuesday 20th February 2007.

The talk was presented by Mr Liam Curham Technical Director, Dataworks Ltd and Mr Shane Robinson Senior Engineer, Dataworks Ltd.

From L to R: Eamon Creech - Janssen Pharmaceutical Ltd, Billy Walsh – UCC, Liam Curham - speaker, Dataworks Ltd, Dominic Coveney - Schering Plough Ltd. Shane Robinson - speaker, Dataworks Ltd.

This presentation consisted of two 30 minutes sessions. A case study focusing on machine fault & performance monitoring and a discussion session where the speakers shared the findings of a recent study they carried out in partnership with Enterprise Ireland.

Carrigrennan Waste Water Treatment Plant, Cork

The plant visit to 'Carrigrennan Waste Water Treatment Plant' took place on Wednesday 14th March 2007.

Attendees of waste water plant visit

The Wastewater Treatment Plant is part of the Cork Main Drainage Scheme, and currently can facilitate a population equivalent of 413,000. It has been designed in a modular format to allow for easy expansion to cater for future demands.

The plant which is highly automated offers primary and secondary treatment and has been producing treated water to a very high standard since January 2004. The secondary treatment is achieved by means of an activated sludge system which is carried out in Sequence Batch Reactors. Sludge, the by-product of the treatment process, is pasteurised, dried and turned into a granular material. The gas produced from this process is used to heat the digesters and also run the driers.

Each day around 8 tones of granules rich in nitrogen and phosphorous are produced which are re-used in agriculture as a fertiliser and soil conditioner. An amenity area of 17 hectares has been provided surrounding the plant, together with a two and a half-mile public coastal walkway. Existing preserved wetland areas for wildlife have been extended and enhanced and a major programme of landscaping and tree planting has been carried out.

Billy Walsh presenting plague to John Conroy, with Derek O'Sullivan

Atlana Plant Visit
IDA Business & Technology Park, Carrigtohill, Co.Cork

The plant visit to 'Atlana Pharma Limited (NYCOMED)' in Carrigtohil, Co. Cork took place on Tuesday 12th April 2007.

Based in Konstanz, Germany, ALTANA Pharma was an international research-based pharmaceutical company, which, on January 1st 2007 was taken over by Nycomed.

The combined group will continue under the Nycomed corporate brand name and will be headquartered in Zurich, Switzerland. With more than 12,000 people and a presence in about 50 markets worldwide, Nycomed is operating throughout Europe and in fast-growing markets such as Latin America, Russia/CIS and the Asia-Pacific region.

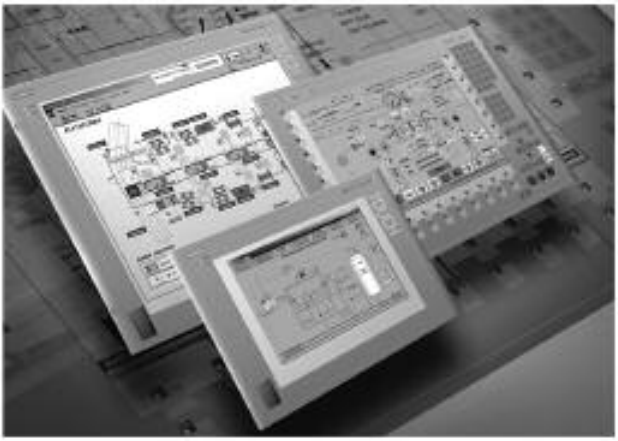
Construction on the 14,000sq.metre Nycomed facility which includes buildings for tablet production, laboratories, administration, warehouse and utilities commenced on January 19th 2004 in Carrigtohill. The main project contractor was a Joint Venture between Zueblin, a German construction firm and Cleary & Doyle, a Wexford based engineering company. The plant was occupied on October 15th 2005 and the following

nine months of qualification and validation, commenced commercial production in September 2006. Nycomed currently employ 74 people in Cork, at full capacity this will increase to approximately 150. The plant is truly state-of-the-art and includes the most modern equipment available for tablet production.

Nycomed's most important and successful product is Pantoprazole which is used in over 90 countries to treat acid-induced gastrointestinal diseases and oesophagitis. Pantoprazole is marketed as Protium here in Ireland. Worldwide Pantoprazole sales in 2006 exceeded €2 billion and continue to rise. Nycomed is active within a range of therapeutic areas, including cardiology, gastroenterology, osteoporosis, respiratory, pain and tissue management. New products are sourced from our own research and from external partners.

ISA-The Instumentation, Systems and Automation Society

Siemens Panel PCs for harsh industrial use



Siemens Automation and Drives (A&D) has developed two new Panel PCs for harsh industrial use: the especially compact Simatic Panel PC 677, and the flexibly expandable Simatic Panel PC 877. There are several front designs available for both device types, offering 12" and 15" touch or key operation as well as a 19" touch version. The PC 677 replaces the predecessor model PC 670, and the PC 877 replaces the PC 870.

The new Panel PCs are equipped with powerful processors and are suitable for demanding visualisation tasks and for processing large volumes of data. Intel Pentium M processor is available for PC 677 and Intel Pentium 4 processor for PC 877. The remaining setup is scalable with a main memory configuration up to 2GB, hard disk drives up to 80GB and optical drives, 110-230V AC or 24 V DC power supplies, and the Windows 2000 or XP Professional operating systems. For higher system availability and data security, there is an optional RAID1 mirror disk system, supported by the onboard RAID controller on the PC 677, and the integral vibration-suppressed double hard disk module.

douglas

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MEMBERSHIP INFORMATION

In order that the ISA Ireland section records are accurate and up-to-date concerning our members throughout the country, it is important to let me know if you have:

1. Moved house
2. Moved to a new employer
3. A new telephone number
4. A new fax number
5. A new e-mail address

This will enable us to make sure that all correspondence from the Ireland section and the USA will reach you at the proper destination in time.

Euro Rates for ISA Membership:

1. Regular Membership	**€85.00**
2. Senior Membership	**€85.00**
3. Student Membership	**€10.00**
4. Division Membership	**€7.00**
4. Two year regular / senior membership	**€158.00** *(save €12.00)*
5. Three year regular / senior membership	**€225.00** *(save €30.00)*
5. Three year studentr membership	**€15.00**

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"Until I started getting the newsletter, I never knew what our company did."

Executive Committee
ISA Ireland Section
2006/07

Declan Fleming (Treasurer)

Brian Nolan (President)

Barry Nugent (Secretary)

2006/ 2007 COMMITTEE.

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Mr. Eoin O'Riain - Web Site Readout, 01-2822554

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Mr. Martin Almond - Committee, Parsons 021-4547701

Mr. Brian Curtis - Committee, DPS Engineering, 021-4702939

Mr. Bob Shine - Committee (Retired), 021-4543722

Mr. Dave Peyton - Committee
Carlow IT, 01-8406217

FEEDBACK

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The views expressed in INCON are not necessarily those of ISA or ISA Ireland

Talented Building Blocks

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Whether you deploy them individually or integrated across the plant, ABB automation technologies provide the foundation you need for asset efficiency, transparency, and lowest lifecycle cost. Our customers, with over US$ 100 billion of installed solutions worldwide, provide the proof.

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