Technology Modernization

Wednesday, 25th March 2015

Crowne Plaza Hotel, Blanchardstown, Dublin 15

AGENDA

08.30 – 09.00	Registration	
09.00 – 09.05	Welcome	John Murphy, Technical Chair- **ISA Ireland Section**
09.05 – 09.40	Seamus McGrath, Novartis	*"Transitioning DCS from custom and legacy to current and mainstream"*
09.40 – 10.15	Brian Nolan, Helsinn	*"Use of Virtual platforms in Automation Systems"*
10.15 – 11.15	Table Top's	***TECHNICAL BRIEFINGS - PART 1***
11.00 – 11.30	**Tea/Coffee**	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
11.30 – 12.05	Phil George, Rockwell	*"The Application of Industrial Internet of Things (IoT) in the form of The Connected Enterprise"*
12.05 – 12.45	Jim Moloney, Johnson & Johnson	*"The IT challenges on the interoperability of L2, L3 and L4 in today's Enterprise Class Networks"*

12.45 – 13.45	**Lunch**	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
13.45 – 14.45	Table Top's	*TECHNICAL BRIEFINGS PART 2*
14.45 – 15.20	Damian White, DataLogix	*"Cybersecurity & the future of the Automation Network"*
15.20 – 15.55	Aidan Finegan & Paul O'Connell , SolutionsPT	*"IT trends and best practice in Industrial IT infrastructures"*
15.55 – 16.25	**Tea/Coffee**	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
16.25 – 17.00	Darren Brady, Amgen	*"Migrating a mature PCS system to a virtualised platform in a commercialised BioPharma Drug Product plant"*
17.00 – 17.15	Closing Remarks / Q&A	John Murphy, Technical Chair- **ISA Ireland Section**

You are welcome to this event organised by the ISA (International Association of Automation), Ireland Section. If you are not already a member, and if your career is in Automation or Measurement and Control, the Ireland Section of ISA, www.isa.ie which caters for the technical, scientific and educational needs of its members, can help you.

As an Automation Professional you can further your career goals by availing of training and networking opportunities, and benefit from improved technical and leadership skills. We hope you enjoy this event and should you wish to become a member, please speak to any of our ISA committee members here today or join online **https://www.isa.org/membership/join-isa**

This Seminar Event can be booked directly via Event Brite - **Book Here**

Further Details available on the ISA Ireland Section Website – www.isa.ie

Technology Modernization
Guest Speakers

Seamus McGrath - (BE MEngSc)
Head of Automation and IT - Novartis
Joined Novartis Ringaskiddy Limited in 2003 as the Automation Systems Manager and became Head of Automation and IT in 2012. Prior to Novartis Seamus worked from GE Power Systems, ABB and ProsCon Engineering. Seamus will give an overview of how the organisation managed the transformation from having a control system installed in 1992 and unsupported by 2002 to now having a current system with guaranteed support to 2030.

Brian Nolan
Automation Engineer - Helsinn Birex Pharma
Brian Nolan has been working in the field of Automation for 25 years. He is currently Automation Engineer with Helsinn Birex Pharmaceuticals in Mulhuddart, Dublin. Previously he worked Automation Manager for MSD Swords for 12 years. Brian has also worked for System Integrators M&W Process Automation, and for Automation suppliers Siemens and Alfa Laval Automation (now ABB). Brian has contributed to the ISPE GAMP 5 Good Practice Guide to Process Control, chaired the UK/Ire ISPE Special Interest Group for Process Analytical Technology (PAT).

Phil George
Solution Architect - Rockwell Automation
Phil George is a Solution Architect for Rockwell Automation, managing pre-sales engineering resources who are engaged with blue chip organisations. These engagements are at project inception, applying cutting edge Industrial Control and Information Technology systems. Phil has worked for 26 years in Control and Automation in various application design roles.

Phil will illustrate the value of hidden data in manufacturing, and the value of presenting this in real-time, contextualised for different decision makers. The topic will then be expanded into more detail of how this can be accomplished using modern disruptive technologies. These include Mobility, Big Data and Virtualisation as well as designing the best infrastructure, converging Information Technology (IT) and Operation Technology (OT) on a single network.

Jim Moloney
Senior Project Manager - Johnson & Johnson

Jim began his career in Automation in 1978 with MF Kent, and has since worked with Honeywell, Endress + Hauser, and Cornel Electronics. After which he ran his own Automation/IT Business, specialising in the Networking and Interfacing between Automation Systems and IT. He joined Johnson & Johnson in 2010 as part of the Pharma IT Team with Janssen. Today he leads the Technology Domain of MES-ICE-Automation within the Pharma IT Project Management Team, with responsibility for the successful implementation of his Domain's IT Infrastructure Projects across both Janssen Pharma and Supply Chain globally.

Damian White
Technical Director – DataLogix

Specialising in infrastructure for Automation systems Damian White is the Technical Director of DataLogix Solutions Ltd. He is vastly experienced in designing secure network solutions across a wide diversity of industry ranging from education and healthcare to highly regulated manufacturing industries. Focus on the integration of IT and Automation systems by leveraging key technologies (such as mobility, block computing, virtualisation, thin client) without compromising security or risking the integrity of the manufacturing process.

As the manufacturing process embraces technology to further enhance the Automation process, how can we ensure that these solutions do not introduce a risk to the business? By highlighting some of the risks that can occur by following the industry IT trends, comparing them against the ISA95/99 standards and finally predict how the Automation system of the future may look.

Aidan Finnegan
Regional Area Manager – SolutionsPT
Aidan joined SolutionsPT in 2003 with the objective of reinforcing the Wonderware brand and boosting the Wonderware vision with end users and System Integrators. More recently Aidan has been working with customers in order to enable them to maintain and improve the performance of the Plant Automation Systems, utilising best in class Control and Industrial IT solutions. With over 20 years in the industry, Aidan has enjoyed roles in Eurotherm Ireland and ProsCon, and spent several years as an Instrumentation Engineer.

Paul O'Connell
Product and Delivery Manager – SolutionsPT
Paul joined SolutionsPT in 2001 as part of our technical organisation, working with customers to ensure the availability of the Wonderware production systems for major UK & Ireland vertical markets. In Paul's role as Product and Delivery Manager, Managed services he is responsible for developing a range of products and services that provide innovative ways in which organisations can minimise the risk to their industrial control systems whilst ensuring the availability. Working with the wider SolutionsPT team Paul works with organisations to understand the challenges that they face with their industrial control systems.

In this session, Both Aidan and Paul will talk through how they have helped our customers to take advantage of mainstream IT trends and best practice in order to deliver flexible and resilient Industrial IT infrastructures. They will talk through how we have helped our customers to not only meet their current business needs, but allowed them to meet their future business requirements. They will also discuss how you can break away from your legacy management cycle.

Darren Brady
Senior Manager Manufacturing IS – Amgen
Darren joined Amgen at ADL in November 2011. He is now a Senior Manager responsible for Manufacturing IS at Amgen Dun Laoghaire. Darren has 14 years automation experience across Inkjet Manufacturing, Pharmaceutical and BioPharma industries having worked on various projects for Hewlett Packard, Wyeth, Project Management, Elan, Pfizer and Genzyme prior to joining Amgen. Darren graduated from Queen's University Belfast with a BEng (Hons) in Electrical & Electronic Engineering. In 2009, he undertook a part time Business Administration course with the Open University and in 2010 was awarded a Postgraduate Certificate in Business Administration