

7th April, Hilton Templepatrick, Belfast

Room	Code	Time	Session Type	Title	Description
1	B101	09:00 - 10:00	Presentation	Machine Safety - Road map to compliance	The ongoing development of global safety standards and technologies have made manufacturing / selling / buying safe compliant machines an important part of your safety strategy. In this session we will explore the roles and responsibilities of the Machine Builder, End User and System Integrator in this process.
1	B102	10:00 - 11:00	Demonstration	Risk assessment and Safety Solutions - implementation of ISO 13849-1	If you assess, design or build machines and have used EN954-1 as a guidance standard, or if you have classified safety related systems by using the categories of EN 954-1, you will be required to reassess your machines' safety related control systems using the new Functional Safety standards. This process needs to be completed by 29th December 2011 when EN 954-1 will be removed as a supporting standard of the new Machinery Directive. When reassessing your machines you will discover that there is considerably more data required, in particular, Reliability Data on the safety solutions you use. This workshop is designed to help you understand the changes and manage the practicalities of the transition from EN 954-1 to EN ISO 13849-1.
1	B103	11:15 - 12:15	Presentation	Integrated Safety - Principles and implementation	Designing a safe plant or machine requires expertise coupled with the right solution - an Integrated Safety System. Understand your factory floor and machine challenges and how to implement intergrated safety solutions that meet your goals, using the broadest safety product portfolio available in the world.
1	B104	13:15- 15:15	Presentation	Practical Strategies to improve your Energy Management Pt1	In this 2 hour session gain an understanding of the risks in energy supply and why it makes good economic and business sense to invest in energy measurement and reduction measures. Learn how modern power monitoring systems work and how they can be integrated into plant systems and support energy reduction techniques through specific drive related efficiency measures.
1	B105	15:30 - 16:30	Demonstration	Intelligent Motor Control strategies to improve operational performance	Learn why the Intelligent Motor Control solution is being increasingly adopted across a range of industries to reduce total cost of ownership, increase availability and provide better control of energy. See how the cost-neutral adoption of electronic motor protection opens the door to plant-wide visibility within Integrated Architecture.
2	B201	09:00 - 10:00	Demonstration	Integrated Architecture - The backbone to optimise your plant	You will experience the benefits of using Rockwell Automation's Integrated Architecture. Specific focus is on how Logix and FactoryTalk ViewSE Visualisation integration can reduce design time in integrated applications. We then look at how we can reduce complexity and increase standardisation through the use of Add-on instructions and Faceplates, before covering revision management and application code security using FactoryTalk AssetCentre. Explore new methods within the Logix environment for improving alarm handling, which deliver better response for critical system alarms, before concluding with a look at how premier integration of PowerFlex drives can reduce engineering and commissioning time for applications requiring variable speed drives.
2	B202	10:00 - 11:00	Demonstration	Process Automation Solutions Pt1 - Intelligent instruments integration and asset management	Discover how the latest developments in Rockwell Automation's Process Automation System, Plant PAX can maximise productivity through Intelligent Instruments Integration and Plant Asset Management. This session looks at the benefits of Intelligent Instruments and the tools available to easily integrate with Logix controllers, including integration on Profibus PA, HART, Foundation Fieldbus and EtherNet/IP. Standard instrument function blocks and faceplates that simplify engineering will be demonstrated as well as a look at Endress+Hauser Fieldcare and the instrument configuration option in FactoryTalk AssetCentre. You will also see the tools available to ensure that a process plant continues to operate effectively throughout it's life.
2	B203	11:15 - 12:15	Demonstration	Process Automation Solutions Pt2 - Scalable Batch Control solutions	Rockwell Automation's Process Automation System, PlantPAX can be used in a wide range of Batch Process Control applications. The session will give you an overview of options available for Batch process control from simple controller based sequential and recipe control to full large scale flexible S88 implementations. The latest version of FactoryTalk Batch includes intelligent recipe handling and smart binding techniques designed to optimise your production process.

2	B204	13:15 - 14:15	Demonstration	Legacy Migration - Advanced solutions for migration to RA Logix Platform - (204)	You will learn how you can improve the performance of your existing production systems by migrating your legacy Rockwell and 3rd Party Control systems to the latest Rockwell Automation plant wide optimised control systems and software. Rockwell Automation has an incremental approach instead of Rip and Replace. Embedded communication technologies and 3rd party conversion utilities help you migrate to a more productive Automation System.
2	B205	14:15 - 15:15	Demonstration	OEM Performance - Design tools and products to maximise performance and value	Rockwell Automation recognises the common business drivers for both End User and Machine Builder (OEM) Operations. In this session you will experience tools that actively reduce design, development and build time. See how advances in Mechatronics, Integrated Safety and Motion Control improve machine performance and operational stability and learn how Rockwell Automation's Integrated Architecture delivers ease of use, simplified maintenance and enhanced reporting tools.
2	B206	15:30 - 16:30	Demonstration	Mechatronics - Solutions for robot, pick & place and assembly operations	Fast, efficient and accurate robots can play a real role in reducing costs while increasing throughput and flexibility. Here we discuss case studies where the use of Advanced Robotics incorporating our unique control and information platform have delivered real benefits. We will show the latest Linear and Rod Actuators giving attendees the opportunity to experience the benefits these products provide any machine designer.
3	B301	09:00 - 10:00	Presentation	PlantWide Optimisation - Products and services to maximise operational efficiency	Trends in manufacturing are providing unique value propositions for Users and Machine Builders to support Corporate Sustainability Initiatives and their interaction with the integrated supply chain, plant wide optimisation and sustainability. This session will demonstrate Rockwell Automation's unique suite of PlantWide Optimisation enabled hardware and software and how you can easily start to optimise your existing plant or machine which will provide cost savings to your business and a continuous return on assets, and an ongoing return on automation investments.
3	B302	10:00 - 11:00	Presentation	Networks - Implement secure and robust Ethernet/IP networks	Are you looking to implement a secure and robust automation network in your plant, with the ability to provide access to your company's enterprise systems or just provide secure remote access to your employees or suppliers? This session covers the fundamentals of implementing a secure and robust Ethernet network by using technical and non technical methods in line with global networking standards. In this session we will look at best practice for software patches, security risks, worms and virus protection and protecting against intended and unintended unauthorised actions.
3	B303	11:15 - 12:15	Presentation	Operational Intelligence - Software to improve efficiency and productivity	Discover how Operational Intelligence can be used to drive performance in the your industry. This session focuses on how to exploit data from both local and remote sites. We take a look at data historian tools (FactoryTalk Historian), productivity dashboards (FactoryTalk VantagePoint), right up to complex Manufacturing Enterprise Systems. Come and experience for yourself how FactoryTalk® Integrated Production & Performance Suite can help you to capture, organise and present data from remote pumping stations and other assets.
3	B304	13:15 - 14:15	Presentation	M.E.S. - Effective production planning & measurement products	This session will provide an overview of FactoryTalk Production Centre, Rockwell's latest multi industry MES platform. We will discuss how FactoryTalk Production Centre addresses key industry challenges including materials, equipment, production and quality, and helps drives organisations closer to operational excellence. Join us to see the evolution of MES and to learn where Rockwell can take you today.
3	B305	14:15 - 15:15	Presentation	M.E.S. - Effective production planning & measurement CASE STUDY	This session will provide an insight into improvements gained through the implementation of MES. Using case studies we will discuss the benefits achieved and highlight the key areas of focus when implementing an MES.