



TRACK 1

TRACK 2

TRACK 3

THE NEXT HORIZON FOR SMART MANUFACTURING

TOPIC	MECHATRONICS	DIGITAL ENGINEERING	PROCESS CONTROL
Intro	Nathan Turner, Director Integrated Architecture EMEA, Rockwell Automation The Technologies Transforming Industry		
Presentations	<p>Accelerating mechatronics technology adoption in advanced manufacturing</p> <p>Meet the demand for fast, flexible and customised operations with cutting-edge technology. Discover how to accelerate the adoption of robotics, independent cart technology (ICT) and autonomous guided vehicles (AGV) in a factory built for the future. Mechatronics offer efficiency and quality improvements while opening your future to new product variants, more customisation and new customers.</p>	<p>The Digital Engineering Ecosystem</p> <p>Redefine productivity. A strong and effective digital ecosystem can unleash productivity potential by offering insights and efficiencies in physical operations. By reimagining how products and processes move through the plant in a digital ecosystem, you can rapidly accelerate the commissioning of new machines, the development and speed to market of new products, and the overall efficiency of your operation.</p>	<p>Expand What's Possible with PlantPAX 5.0</p> <p>A scalable, powerful, data driven DCS offers real competitive advantage. The newly announced PlantPAX® 5.0 DCS enables a plant-wide approach that scales from skids to large operations, providing actionable information for data-driven decision-making across your enterprise. Learn how this modern approach to a DCS helps streamline projects and reduces engineering efforts, thanks to the addition of new workflows, process controllers and availability features.</p>
Presentations	<p>Technology Leader case studies – Pivoting to state-of-the-art integrated, flexible packaging and custom machinery</p> <p>Flexible machines enable the installation of customised systems that deliver enhanced productivity, rock solid security and operational intelligence with live data output to drive smarter management decisions. How? Let's take a look with a company that is forging the way – Cama Group and Olivero Automazioni Industriali.</p>	<p>Technology Leader case study – How a Digital Engineering Ecosystem Delivers New Value and Opportunities</p> <p>Accelerate your time to value. Digital Thread solutions are pre-integrated with our best-in-class partner ecosystem including: PTC and EPLAN. This case study, presented by Harro Höfliger, a leading packaging OEM, shows the compound benefit of working collaboratively with market leaders to create your bespoke digital ecosystem</p>	<p>Expect More from Batch Systems: What's New</p> <p>How do you mitigate risk, control costs and still gain a competitive edge? Today's dynamic production climate is one of sizeable challenge and great opportunity. The latest release of Rockwell Automation flagship batch offering, FactoryTalk® Batch v14, helps users in both hybrid and batch applications meet the challenge with an easily scalable system that focuses on improving operator effectiveness and higher throughput.</p>
Demos	<p>What is Smart Conveyance and how does it deliver a step-change to productivity?</p> <p>Independent cart technology (ICT) lets you produce a flexible product mix at high throughput on the smallest of footprints. With the addition of the ICT libraries for Emulate3D, creating digital twins and generating application code becomes a simple and extremely powerful way to reduce time to market, improve efficiency and design-in new levels of productivity.</p>	<p>FactoryTalk Edge Gateway – Connecting OT to IT systems</p> <p>Computing exactly where you need it. Edge computing has come of age, with simple, autonomous and secure platforms that deliver value from the moment the engineering team plugs them in. Learn how the FactoryTalk Edge gateway collects and preserves controller and 3rd party legacy product data, and how edge computing can become a valuable part of your data strategy alongside existing cloud, fog, or data-centre led approaches.</p>	<p>PlantPax 5.0 – DCS, simplified.</p> <p>The latest system release provides a streamlined approach to control system strategies, allowing for a reduced architectural footprint, consistent project design and simplified workflows. Find out how PlantPAX 5.0 allows you to drive through impactful bottom line business improvements by providing key operational information when, where, and how you need it.</p>
Presentations	<p>Sustainable machines are becoming a reality – just how efficient can you be, and is zero plastic really a thing?</p> <p>The market opportunity for companies that can remove plastic waste is obvious. At the manufacturing level, every unit of energy saved is good for the bottom line and vital for the environment. Learn how pioneering companies are driving innovation and sustainable solutions by implementing zero plastic and highly energy efficient machines.</p>	<p>Select your IIoT hardware platform from our recently expanded industrial computer offering</p> <p>The new VersaView 6300 family takes our industrial computing offering to a new level. It delivers IIoT data to where decisions are made, in smart devices, on machines and throughout the plant. Productivity and efficiency in a Connected Enterprise have taken a huge step forwards with insight and data contextualisation right where you need it. What can VersaView 6300 do for you?</p>	<p>Lifecycle solution</p> <p>Does your existing DCS limit your capability? Is your legacy equipment limiting your future success? You are not alone. Modernisation of the DCS is often at the heart of enabling the digitisation, optimisation, and improved analytics required to meet the demands of modern process requirements. Discover how the gains made throughout a modernisation pathway can shorten the time to ROI and improve the productivity and efficiency targets which are central to your future success.</p>
Panel discussions	<p>PANEL discussion – The journey to truly flexible manufacturing</p> <p>What does it mean to be a flexible manufacturer? Discover how, Cama Group have implemented intelligent conveyor systems and robotics solutions to improve machine flexibility and reduce changeover time.</p>	<p>PANEL discussion – How working with an ecosystem of partners can unlock your unique digital potential</p> <p>A digital thread is a collective term for an asset's digital footprint. It starts with design and continues to operation & optimisation, where a model, production data and lifecycle information combine to create a digital picture and trail of information. How can you bring collaborators together from across the value chain to find and leverage your unique digital thread? Representatives from technology leader EPLAN, Harro Höfliger and PTC will share their experiences.</p>	<p>PANEL discussion – Meeting customer demands in the process industries</p> <p>The modern DCS can help you make better, faster decisions. It can also enable you to respond more quickly to the demands of fast-changing specifications. Discover how to be agile and manage the process system lifecycle with a simplified approach to DCS. Lubrizol, technology leader for active ingredients in fine chemicals, will provide insights into their experiences.</p>