Rockwell Automation | **PLEX**

AUTOMATION FAIR 2025
IDEAL DAY

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SESSION NAME

ABSTRACT

CV08 – FROM REACTIVE TO PREDICTIVE: SOPAKCO'S PATH TO MAXIMIZING ROI WITH REAL-TIME EQUIPMENT INSIGHTS

Food packaging leader Sopakco was looking for real-time visibility, improved quality and uptime. Leveraging Rockwell's FactoryTalk® DataMosaix™ bolted with ITHENA's iSERV, Sopakco now leverages data across staff, machine, methods and measurements - for early warning detection, real-time monitoring, SPC control and historical trend analysis. Join as they share their journey from paper-based tracking to interactive dashboards with AI-driven alerts—delivering tangible outcomes in weeks and enabling smarter, faster decisions on the shop floor.

Session Type: Customer Voices

New Product Introduction

IE83 – INTRODUCTION TO THE MES RESILIENT EDGE

Learn now to realize the benefits of a resilient elastic MES by leveraging cloud and edge-based technologies, delivering scalable, highly available, highly automated manufacturing.

Speaker: Hayden Foot
Session Type: Insights & Education

New Product Introduction

IE81 – INTEGRATING FACTORYTALK ANALYTICS VISIONAI AND PLEX QMS TO MANAGE VISUAL INSPECTION

Visual inspection is 87% effective and requires seven layers of inspection to achieve 100% inspection. To alleviate the inaccuracy and ineffectiveness of visual inspection Plex QMS and FactoryTalk® Analytics™ VisionAI™ can communicate product requirements and inspection results, storing the completed data in Plex QMS. This session reviews how the solutions work together to provide accurate, real-time inspection results and remove the inefficiencies that affect visual inspection.

Speaker: Brian Martensen, Carl Lewis
Session Type: Insights & Education

SESSION NAME

IE79 – FOOD SAFETY MANAGEMENT WITH PLEX

IE82 – SUSTAINING OPERATIONAL EXCELLENCE: LEVERAGING PLEX MES AND QMS AMID WORKFORCE CHANGES

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ABSTRACT

Food and Beverage

Providing safe food & beverage products maintains your standing as a reputable food manufacturer. Plex, by Rockwell Automation, has blended features into its QMS and MES solutions that promote safe process management by helping prevent hazard occurrence through HACCP, and seamlessly manage inventory — and process exceptions — with silo and tank management and lot traceability. The overview of these tools demonstrates how your QMS and MES need to work together to ensure that you consistently deliver safe products to the consumer.

Speaker: Brian Martensen, Stacy Feeley
Session Type: Insights & Education

CW / MES / QMS

As the workforce ages and experienced employees retire, companies face the challenge of losing valuable knowledge and skills. This session will explore how Plex Manufacturing Execution System (MES) and Quality Management System (QMS), along with other Rockwell Automation solutions, can tackle this issue. Through engaging use case discussions, we will demonstrate how these tools capture and retain critical process knowledge, ensuring continuity and efficiency. Learn how Plex MES can document and automate complex production processes, preserving essential knowledge as senior employees retire. Discover how Plex QMS can maintain high-quality standards and compliance, even as experienced workers leave. Benefits include improved data accuracy, streamlined operations, enhanced quality control, and significant cost reductions by reducing waste, optimizing resources and minimizing downtime. Attendees will gain practical insights into addressing the challenges of an aging workforce while boosting overall productivity and quality.

Speaker: Stacy Feeley, Brian Martensen
Session Type: Insights & Education

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IE26 – LEVERAGING ROCKWELL AUTOMATION IT AND OT SOLUTIONS TO EXCEL IN AUTOMATED FOOD & BEVERAGE MANUFACTURING

IE80 – HARNESSING CONNECTED INTELLIGENCE WITH PLEX: AI-DRIVEN INSIGHTS FOR SMARTER MANUFACTURING

ABSTRACT

Food and Beverage

For Food & Beverage manufacturers, controlling costs and product quality is essential to business success. Join this session to explore how Rockwell Automation's technologies at the edge and in the cloud can be leveraged together to maximize productivity. Plex Elastic MES provides a flexible package of modular, interoperable capabilities that can be deployed from the cloud to manage production planning and scheduling, production execution, quality, yield and more. At the edge, Rockwell Automation solutions such as FactoryTalk® Batch, FactoryTalk® Pavilion8 and more execute and optimize automated production processes. Together, the edge-to-cloud solutions from Rockwell Automation are a potent tool to plan, execute, analyze, and optimize Food & Beverage and other process industry automated manufacturing processes to gain maximum throughput, yield and quality while minimizing costs.

Speaker: Jim Bresler
Session Type: Insights & Education

Data and Analytics

Explore the power of "Connected Intelligence" in manufacturing with AI-driven insights, when solutions like FactoryTalk® Analytics™ VisionAI™ and QMS integration converge with plant data from platforms such as Plex Analytics. This session will showcase AI applications in quality control and process automation, highlighting their impact on business efficiency and responsiveness. Learn how Plex's "headless MES" capabilities, like REST APIs and ODBC connectivity, enable a bring-your-own-AI strategy, allowing you to integrate your preferred AI/ML tools with comprehensive manufacturing data for advanced insights.

Speaker: Manu Ravichandran, Devin Burke
Session Type: Insights & Education

SESSION NAME

GAIN VISIBILITY WITH PLEX MES TO ACHIEVE OPERATIONAL EXCELLENCE IN YOUR MANUFACTURING ORGANIZATION

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MES

Case study of a manufacturing operation running the Plex by Rockwell MES and ERP. In this session we will show how we were able to turn around an underperforming company, rife with information silos, lack of discipline, disjointed systems and lack of cohesiveness into a high performing, profitable manufacturing center. We'll cover the technical aspects of the Plex software, as well as our process to stabilize and optimize the operating system to rapidly pivot to profitability.

Speaker: Patti Nowak, John Howard II
Session Type: Partner Solutions

Finite Scheduler

In today's turbulent business landscape, companies face unprecedented challenges in maintaining efficient production schedules. Production scheduling systems are the central nervous system of every manufacturing organization. It is one of the connective tissues enabling the connected workforce, and it is critical in achieving that the activities of the workforce are organized to maximize production outcomes. This session will explore the potential of Finite Scheduler to empower a connected workforce and maximize organizational adaptability under conditions of high turbulence.

Speaker: Olusola Oduntan
Session Type: Insights & Education