

Program Guide

August 22-23, 2018 – 7:30 AM to 4:30 PM

Statehouse Convention Center
101 E. Markham Street
Little Rock, AR 72201

Rockwell Automation *on the move*



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LISTEN.
THINK.
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**Rockwell
Automation**

Rockwell Automation *on the move*



JOIN US

Welcome to the Rockwell Automation on the Move™ event. This two-day event allows you to discover new manufacturing solutions through technical sessions and hands-on labs. With solutions for end users, equipment builders, system integrators and more, this event is a great educational opportunity for you and your company.

At this year's event you will discover The Connected Enterprise through linking intelligent assets and optimizing industrial operations to make you more globally competitive and productive.

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GET ANSWERS



42 TECHNICAL SESSIONS

60-minute technical sessions. Hear from industry experts discussing ways to modernize your operations and streamline processes.



17 HANDS-ON LABS

90-minute labs that allow you to work hands-on with Rockwell Automation products.

GET INSPIRED

35+ EXHIBITORS



NETWORK

With industry application and technology leaders

EARN HOURS

EARN PROFESSIONAL DEVELOPMENT HOURS (PDH)

Attend classes to get certificates of completion



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For more information, contact your local distributor or Kelli Horn at sos@ra.rockwell.com.

Rockwell Automation
on the move

Hands-on Labs

WEDNESDAY, AUGUST 22

	Ballroom A	Ballroom B	Ballroom C	Ballroom D-1	Ballroom D-2	Ballroom E
7:30 AM	Registration and Visit Show Floor					
8:00 AM	L01 – Basic Stratix® Switch and EtherNet/IP Features in Converged Plantwide Ethernet (CPwE) Architectures	L19 – Develop Advanced Safety Applications Using the Allen-Bradley® Integrated Safety Controller Platform	L07 – Integrated Motion on EtherNet/IP: Basic Lab	L03 – Introduction to Network Security: Lab	L08 – Speed Integration: CENTERLINE® MCCs, Studio 5000® Logix Designer and IntelliCENTER® Software	L12 – Studio 5000® and Logix: Basics Lab
9:30 AM	Visit Show Floor					
10:00 AM	L21 – Distributed HMI with FactoryTalk® View Site Edition: Introductory Lab	L20 – Integrated Motion on EtherNet/IP: Advanced Lab	L15 – Tools that Simplify Product Sizing, Selection and Design	L11 – Smart Sensors for Your Architecture	L09 – Drive Configuration and Programming Lab	L13 – Studio 5000® and Logix: Advanced Lab
11:30 AM	Lunch and Visit Show Floor					
1:00 PM	L02 – Experience the ThinManager® Platform's Power and Simplicity: Basic Lab	L19 – Develop Advanced Safety Applications Using the Allen-Bradley® Integrated Safety Controller Platform	L07 – Integrated Motion on EtherNet/IP: Basic Lab	L10 – Develop Safety Applications Using Guardmaster® 440C-CR30 Configurable Safety Relay	L22 – Studio 5000 View Designer® Featured on the PanelView™ 5000 Graphic Terminals	L12 – Studio 5000® and Logix: Basics Lab
2:30 PM	Visit Show Floor					
3:00 PM	L02 – Experience the ThinManager® Platform's Power and Simplicity: Basic Lab	L20 – Integrated Motion on EtherNet/IP: Advanced Lab	L15 – Tools that Simplify Product Sizing, Selection and Design	L14 – Experience Connected Components Workbench™ Software to Develop Your Basic Standalone Machine Application	L17 – Introduction to the PlantPAx® Distributed Control System for Operations and System Engineering	L13 – Studio 5000® and Logix: Advanced Lab

WEDNESDAY, AUGUST 22

	Fulton	Pope	Izard	Miller	Caraway I	Caraway II	Caraway III
7:30 AM	Registration and Visit Show Floor						
8:00 AM	T41 – Batch Management: What’s New and What’s Next	CT479 – VFD Cables: Essential or Overkill	T107 – Installation Considerations for AC Drives	CT476 – Network Infrastructure: Designing for the Modern Manufacturing Plant	T58 – Stratus Technologies: Modern Computing Infrastructure for The Connected Enterprise	T85 – ThinManager® Introduction: Delivering and Managing The Connected Enterprise	CT477 – Optimizing Space in the Control Panel
9:00 AM	Visit Show Floor						
9:30 AM	T84 – Develop a Secure Architecture for The Connected Enterprise	CT475 – Cyber Security – What Are the Threats and How Do I Prepare	T99 – Review of Power Control Harmonics, Power Factor, Distortion and Displacement	T91 – Driving Positive Business Outcomes with Data and Analytics	T70 – Introduction to FLEX 5000™ I/O, the Next Generation of FLEX™ I/O	T102 – Taking the Integrated Architecture Mobile Using ThinManager® Relevance	T62 – Hardy Process Solutions: Groundbreaking Dynamic Checkweighers Designed for The Connected Enterprise
10:30 AM	T32 – Improve Visibility and Diagnostics of Your Network with the New Network Management Software (NMS)	T89 – Design Considerations for Reliable EtherNet/IP Networking	T126 – Stratus Technologies: Remote Access for OEM Machine Builders	T38 – What’s New in PowerFlex® Drives	T77 – Improve Productivity Using Contemporary Safety Designs	T01 – Select the Right Stratix® Switch for Your Application	T69 – HMI Modernization
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1:00 PM		T88 – Move Towards The Connected Enterprise by Modernizing Your Control and Information Systems	T37 – What’s New in Kinetix® Motion Control	T39 – What’s New in Logix	T79 – Introduction to the Allen-Bradley® Integrated Safety System	CT474 – A Practical Journey to The Connected Enterprise	T71 – Migration Tools to Convert Your Legacy DCS and PLC-5® Systems to the PlantPAX® System
2:00 PM		T125 – Spectrum Controls: Proven Solutions for Remote Monitoring of Automation Systems	T31 – What’s New in Studio 5000®	T40 – What’s New in Connected Components Workbench™ Software?	T25 – Leverage the Digital Enterprise to Maximize Asset Performance	CT478 – Modernize Your Controls to Improve Yield	T73 – PlantPAX® System: What’s New and What’s Next
3:00 PM	Visit Show Floor						
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Hands-on Labs

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L01 – Basic Stratix® Switch and EtherNet/IP Features in Converged Plantwide Ethernet (CPwE) Architectures: Learn how to integrate Stratix® switches and EtherNet/IP devices into your plant network to improve reliability, manageability and overall ease of use. You will get familiar with Stratix® 5700 hardware features, management and diagnostics tools such as the Device Manager, the Studio 5000® Add-On Profiles (AOP), the FactoryTalk® View faceplates and see configuration and diagnostics of a Device Level Ring (DLR) Topology.

L02 – Experience the ThinManager® Platform’s Power and Simplicity: Basic Lab: This lab introduces the primary building blocks of the ThinManager® platform while demonstrating its ease of use and flexible content delivery options within a FactoryTalk® environment. This session includes hands-on training with the latest Rockwell Automation industrial grade box thin client, the VersaView® 5200.

L03 – Introduction to Network Security: Lab: Learn the basic security functions to start optimizing security in your plant network. See how security features in managed switches, like port security, access control lists, and port thresholds, as well as specific capabilities of the Stratix® 5950 security appliance with deep packet inspection, can help mitigate potential security risks.

L07 – Integrated Motion on EtherNet/IP: Basic Lab: Learn how to configure, program and commission a CompactLogix™ 5370 controller with integrated motion on EtherNet/IP using the new Kinetix® 5500 servo drives and PowerFlex® 527 variable frequency drives.

L08 – Speed Integration: CENTERLINE® MCCs, Studio 5000 Logix Designer® and IntelliCENTER® Software: Experience the ease of integrating CENTERLINE® Motor Control Centers (MCCs) with EtherNet/IP and their associated components – PowerFlex® drives and E300™ Electronic Overload Relays. Streamline your workflow by leveraging the simplified integration of IntelliCENTER® software and Studio 5000 Logix Designer® to simplify device configuration and reduce commissioning time and errors.

L09 – Drive Configuration and Programming Lab: Learn how to configure PowerFlex® AC drives. From the built-in human interface module, to Connected Components Workbench™ software or the Rockwell Software® Studio 5000 Logix Designer®, we can help enhance your user experience and reduce development time. Learn how Automatic Device Configuration can help save valuable time to get your machines back online faster.

L10 – Develop Safety Applications Using Guardmaster® 440C-CR30 Configurable Safety Relay: Learn to use the Guardmaster® 440C-CR30 Configurable Safety Relay to support small to intermediate safety applications. Initially implementing a basic E-stop Safety Function, you will build Safety Functions – all using the Add-on Profile in Studio 5000 Logix Designer® – and diagnostic communication to a Logix controller.

L11 – Smart Sensors for Your Architecture: This lab highlights Allen-Bradley® smart sensors and how they enable The Connected Enterprise by providing seamless visibility of your processes through the Integrated Architecture.® You will experiment with the latest smart sensing technologies and find out how they can apply specific features to solve sample applications.

L12 – Studio 5000® and Logix: Basics Lab: New to Logix programming or need a quick refresher on the basics? This session will provide an overview of the core capabilities that are offered in Studio 5000® and highlight the importance of good design practices. Mastering these fundamentals will help ensure a good design and prepare you for the advanced session.

L13 – Studio 5000® and Logix: Advanced Lab: This advanced Studio 5000® and Logix lab will allow you to explore topics of interest and quickly see how capabilities add the most value to your design. By the end of this session, you will be on your way to becoming an expert.

L14 – Experience Connected Components Workbench™ Software to Develop Your Basic Standalone Machine Application: This lab will guide you through the programming of a simple machine motor control application using the latest Connected Components Workbench™ software. The control solution will consist of a Micro800® Programmable Logic Controller (PLC), a PanelView™ 800 graphic terminal and a PowerFlex® variable frequency drive.

L15 – Tools that Simplify Product Sizing, Selection and Design: Develop basic competency in using “Popular Configs,” Integrated Architecture® Builder (IAB), Motion Analyzer, ProposalWorks™ to develop an automation project and output reports. You will learn how to configure systems in IAB, size a drive in Motion Analyzer, assemble a bill of materials in ProposalWorks™ and see how Accelerator Toolkits can speed your system design.

L17 – Introduction to the PlantPAx® Distributed Control System for Operations and System Engineering: Explore the PlantPAx® DCS within a simulated plant environment through the eyes of an operator or system engineer. You will learn about navigating and interfacing with key system functions in a utilities and batch area, and how to execute simple configuration changes and add a new control strategy using the Rockwell Automation® Library of Process Objects.

L19 – Develop Advanced Safety Applications Using the Allen-Bradley® Integrated Safety Controller Platform: In this lab, you'll learn how to use Allen-Bradley® GuardLogix® Integrated Safety Systems to support intermediate to advanced safety applications using a single controller and programming environment for safety, discrete, motion, and drive functions, with secure, seamless connectivity to plant-wide information systems.

L20 – Integrated Motion on EtherNet/IP: Advanced Lab: This hands-on lab showcases how our Integrated Architecture® system takes motion to the next level. This session will be based on the new ControlLogix® 5580 controller, 5069 Compact I/O™ and Kinetix® 5700 servo drives and demonstrates how they combine to boost motion performance to unprecedented levels.

L21 – Distributed HMI with FactoryTalk® View Site Edition: Introductory Lab: Learn about the basic capabilities and features of a FactoryTalk® View Site Edition application for both desktop and mobile in this hands-on lab. You will build a simple application from the beginning. Topics include creating an application, adding displays, working with tags and animations, basic alarming, trending, and mobility.

L22 – Studio 5000 View Designer® Featured on the PanelView™ 5000 Graphic Terminals: Learn how to increase productivity with Studio 5000 View Designer® software and PanelView™ 5000. Topics include creating a new application, using built-in animation for graphic elements, configuring basic security, exploring runtime diagnostics, using add-on graphics and configuring runtime language switching. This lab will also cover new features such as data logging and historical trending, VNC, PDF viewer and emulate.

T01 – Select the Right Stratix® Switch for Your Application: There are many options to consider when choosing the appropriate industrial switch for your network – from unmanaged, lightly managed and fully managed versions. Learn how to get the balance of functionality at the right price-point for your application, and see how they are used within Converged Plantwide Ethernet tested and recommended network architectures.

T20 – MagneMotion® and iTRAK®: Introduction to Independent Cart Technology: Independent cart technology is up-ending traditional motion control paradigms and Rockwell Automation is leading the industry with this new breed of motion control systems. Learn about how these solutions will be cornerstones in the factory of the future allowing unprecedented flexibility and speed on machines, without increasing machine size.

T25 – Leverage the Digital Enterprise to Maximize Asset Performance: Operations and maintenance continue to get challenged to drive towards near zero downtime and do so with the lowest operating cost. This session will discuss how companies are overcoming these challenges by acting on maintenance insights and how smart assets and strategic services can maximize asset performance.

T31 – What’s New in Studio 5000®: Learn about Rockwell Software® Studio 5000®, our new automation engineering and design environment. The session will cover what Studio 5000® is, where it is going, and how it can help reduce your engineering time, reduce risk and increase your productivity.

T32 – Improve Visibility and Diagnostics of Your Network with the New Network Management Software: Network Management Software (NMS) can help improve your industrial network visibility and troubleshooting procedures by providing intuitive network information within context of the automation system designed for the non-IT personnel. Discover plant floor assets, automatically create “as-built” topology of managed switches and devices, with live device-centric views for real-time configuration. NMS also monitors the network for alarms, events and audits which are automatically captured and provide for historical analysis.

T35 – What’s New in Visualization: Discover new solutions that help improve productivity by expanding connectivity and enhancing design and maintenance tools. From machine-based operator interface to highly networked systems, this session will focus on what’s new with the HMI and visualization hardware and software portfolio.

T37 – What’s New in Kinetix® Motion Control: Learn what’s new in our Kinetix® motion control platform. This session will review products and technologies for OEMs.

T38 – What’s New in PowerFlex® Drives: Learn about the new capabilities and advanced features of today’s PowerFlex® drive portfolio. Get an update on the latest additions to the low and medium voltage families and how new motor control capabilities, safety options, TotalFORCE® Technology and predictive diagnostics can keep your production running.

T39 – What’s New in Logix: Learn what’s new in our Logix control platform. This session will cover advances in control and I/O platforms for high-performance machine control.

T40 – What’s New in Connected Components Workbench™ Software?: New features released in Connected Components Workbench™ software assist in reducing design and setup time of small machine applications with a single project for all devices. Learn about the new Micro870™ controller and PanelView™ 800 VNC server support and connectivity to CompactLogix™ 5370 controllers.

T41 – Batch Management: What’s New and What’s Next: Explore the features and capabilities of FactoryTalk® Batch Version 13 software and get an overview of the offerings such as controller-based sequencing with the SequenceManager™ solution and mobility capabilities. Get a preview of upcoming features and capabilities of the Rockwell Automation® portfolio of batch and sequencing products.

T46 – Connect ControlLogix to Manufacturing Execution Systems (MES): Did you know that ControlLogix® has a standardized solution to enable IoT that doesn’t require custom programming? Did you know there is an in-chassis module that slides into ControlLogix® and connects you to SQL databases? Leave your C++ code behind, and start monitoring production metrics and downloading recipes today.

T58 – Stratus Technologies: Modern Computing Infrastructure for the Connected Enterprise: A Connected Enterprise requires deploying sophisticated software solutions. Learn how to design in security, performance, reliability and supportability by using Converged Plantwide Ethernet (CPwE) design recommendations, virtualization and fault-tolerant computing.

For additional information visit: https://rok.auto/raotm_little_rock

T62 – Hardy Process Solutions: Groundbreaking Dynamic Checkweighers Designed for The Connected Enterprise:

Learn how Hardy's new family of checkweighers deliver the benefits of: Open Source (programmable with Studio 5000®), Off-the-Shelf (made with Allen-Bradley® components) and Seamless Integration (FactoryTalk® data management). We listened to the needs of manufacturers and leveraged the Rockwell Automation® Premier Integration model. This novel approach seamlessly integrates equipment data, control and analytics into plant-level and enterprise networks.

T68 – Asset Management to Help Protect Your Investments and Reduce Risk:

Modern facilities have thousands of assets. How are you managing all those assets and protecting your investment? How do you manage the inventory with all the versions of firmware and software running? Learn how Asset Management can help protect your investments, reduce risk, reduce downtime and better managing production lifecycles.

T69 – HMI Modernization: Keeping your HMI current means greater security, better usability, and more flexibility for your system. Learn about the modern capabilities of an Allen-Bradley® HMI system, including distributed, machine level, and mobile solutions, and discuss the benefits of modernizing your system by migrating, upgrading or implementing new capabilities found in the latest versions.

T70 – Introduction to FLEX 5000™ I/O, the Next Generation of FLEX™ I/O:

What happens when you combine FLEX™ I/O with our 5000 series I/O platform technology? FLEX 5000™ I/O provides enhanced communication with 1GB EtherNet/IP connectivity, mix-and-match capability of standard and safety with up to SIL3-rated modules and flexibility with support for Copper and Fiber Ports (SFP); Star, Ring and PRP topologies.

T71 – Migration Tools to Convert Your Legacy DCS and PLC-5® Systems to the PlantPax® System:

Are today's optimization and innovation demands hampered by your old process control system? Is support for your legacy DCS diminishing? Explore the advantages of migrating your legacy DCS or PLC-5® (systems to the PlantPax® system) and learn about tools from Rockwell Automation that can help you migrate your systems at a comfortable pace.

T73 – PlantPax® System: What's New and What's Next: In this session, you will hear a brief overview of the PlantPax® distributed control system and the latest release of features. Each feature will be detailed in full, including the benefits of the modern DCS approach compared to traditional DCS systems.

T74 – Exploring the Functionality of the Rockwell Automation®

Library of Process Objects: The Rockwell Automation® Library of Process Objects lets you quickly develop process solutions with rich functionality and known performance. Learn how the objects function within a typical process control system, including the common library features such as modes, alarms, and features for operations, maintenance and engineering personnel, and hear about the new features for the 3.5 library release.

T77 – Improve Productivity Using Contemporary Safety Designs:

Contemporary safety standards and designs provide for both safety and improved productivity with alternative means to traditional lock out/tag out procedures. This session will review these techniques including safe speed monitoring, safe direction, zone control, and others, as well as system diagnostics that reduce downtime.

T78 – Improve Safety and Compliance Using The Connected

Enterprise: Reducing enterprise risks, and improving security, worker safety, and productivity are paramount to manufacturing success. This session will discuss how risks can be identified by geography or machine type, operator behaviors can be addressed, and machinery safety compliance improved by utilizing data already available in your control system.

T79 – Introduction to the Allen-Bradley® Integrated Safety System:

In this session, you'll be introduced to the Allen-Bradley® Integrated Safety System, supporting intermediate level to complex safety applications – using a single controller and programming environment for safety, discrete, motion, and drive functions, and with more secure, seamless connectivity to plant-wide information systems.

T82 – Logix Security for Machine Builders and End Users:

Studio 5000 Logix Designer® is introducing a new way to control access to selected routines and add-on instructions using software licensing technology. Additionally, FactoryTalk® Security can now be used by machine builders and end users to enforce policies for accessing controllers and content.

T84 – Develop a Secure Architecture for The Connected Enterprise:

New innovative technologies like cloud, and new service models like remote monitoring are helping to improve operational efficiency. Learn about the architectural security framework and solutions to help improve the availability, integrity and confidentiality of the architecture.

T85 – ThinManager® Introduction: Delivering and Managing

The Connected Enterprise: ThinManager® is a powerful platform designed to help simplify the way productivity content is delivered, and devices are managed within manufacturing environments. Learn how ThinManager® can help revolutionize everything from the plant floor to the control room, change the way you view mobility in those areas, and deliver and manage The Connected Enterprise today.

T88 – Move Towards The Connected Enterprise by Modernizing

Your Control and Information Systems: Modernization of discrete and continuous control systems to provide access to actionable information for more informed business decisions, faster performance for more throughput and agility via greater capacity. This session describes the tools, utilities and services available to help you analyze, plan and execute your modernization strategies.

T89 – Design Considerations for Reliable EtherNet/IP Networking:

Review the considerations to help you design and deploy a scalable, more reliable, more safe and future-ready EtherNet/IP network infrastructure. Topics will include segmentation techniques, data prioritization, resiliency, structure and hierarchy.

T91 – Driving Positive Business Outcomes with Data and Analytics:

Digital transformation is becoming the leading way to remain competitive in the tightening global economic landscape. Rockwell Automation can help you gain critical insight into your operations and provide analytics for improvement initiatives. Learn about FactoryTalk® TeamONE™ and FactoryTalk® Analytics for Devices – our new, innovative scalable analytics and operations management products that are designed to detect, digitize, analyze and communicate data from devices up to your enterprise. See how data from smart, connected industrial assets can be transformed into meaningful insights to drive positive business outcomes.

T99 – Review of Power Control Harmonics, Power Factor, Distortion and Displacement:

This session will review harmonics in power systems caused by Adjustable Speed Drives, current vectors, total power factor, distortion and displacement power factor and their affect on the kW billed by the utility. It will also provide a comparison of various harmonic mitigation techniques used with Adjustable Speed Drives, with a focus on how they also affect the power distribution system to which they are connected, including generator supplies.

T102 – Taking the Integrated Architecture® Mobile Using

ThinManager® Relevance: “Access Anywhere” to plant floor applications can inspire more fear than confidence due to security and process safety implications. By incorporating the device location into the delivery equation you can easily deliver Integrated Architecture® applications to a mobile device based on not only who you are but of equal importance where you are.

T105 – Leverage Process and Motor Control Technology to Monitor and Extend Mechanical Equipment Life:

Leverage the capabilities of the Logix control platform combined with the Intelligent Motor Control portfolio, intuitive software and EtherNet/IP network to help improve productivity and reliability of your motors. See how technology advancements in process and motor control technology can monitor critical characteristics and detect common problems to help extend equipment life and reduce ongoing operational expenses. This presentation will be focused on pumps.

T107 – Installation Considerations for AC Drives:

This session will focus on the installation considerations for variable frequency AC drives. Gain a better understanding on the fundamental practices and essential rules for drive installation that can help prevent problems down the road.

T125 – Spectrum Controls: Proven Solutions for Remote

Monitoring of Automation: Monitor and manage your system from anywhere in the world via The Connected Enterprise. This session will highlight WebPort remote connectivity technology and the impacted to total cost of ownership, minimized down time and provided enhanced diagnostics using your existing Rockwell Software® tools.

T126 – Stratus Technologies: Remote Access for OEM Machine

Builders: Improve operational up-time and reduce the total cost of service through the use of remote monitoring and access. Achieve higher customer satisfaction, create added value and improve revenues through the use of WebPort remote access technology.

CT473 – Under-Planned and Over Budget: Ever Been There?:

Poor planning and executions of projects are, unfortunately, all too common. There are different reasons for these problems in every project but the negative financial impact is a typical end result. Revere Control Systems has taken a fresh look on the front end engineering work on projects and has developed a process that has proven to produce superior results to traditional front-end work. Risk is mitigated from the customer and they are seeing budget numbers being met from better planning and the other methods utilized by this upgraded process.

CT474 – A Practical Journey to The Connected Enterprise: Malisko Engineering outlines a practical migration path to aid you in envisioning your transition to a contemporary, unified and standardized manufacturing automation system leveraging The Connected Enterprise. This presentation is built upon successful, real world applications of The Connected Enterprise that will not only help you now, but also enable you to move confidently and efficiently into the future. The discussion also covers transitioning from traditional “thick” servers and computers to a fully virtualized environment. Learn how today’s connected control systems have the ability to reduce operational inefficiencies and risk, justify capital investment while maximizing success and minimizing costs.

CT475 – Cyber Security – What are the Threats and How Do I Prepare: Securing The Connected Enterprise requires a holistic defense-in-depth approach. This discussion will address various system-level scenarios with consideration to the attack continuum, how to best utilize the breadth of solutions offered by Rockwell Automation and our partners, and discuss developing policies and procedures around security.

CT476 – Network Infrastructure: Designing for the Modern Manufacturing Plant: The convergence of cyber security, and safety and network availability has never been more important than it is today. Learn about emerging standards and recent threats, and see how through a combination of professional service, remote monitoring and technology can build a next-generation network and prepare for the Internet of Things.

CT477 – Optimizing Space in the Control Panel: In manufacturing organizations, real estate is typically one of the biggest expenses associated with running the business. As a result, production facility managers are under pressure to manage their space in the most effective and efficient manner to minimize capital and operational expenses. This session reviews the many challenges associated with designing smaller control panels and focuses on considerations for cable segregation, thermal management, cable entry, Electromagnetic Interference (EMI), cable bend radius and space for future expansion when attempting to reduce the size of control panels.

CT478 – Modernize Your Controls to Improve Yield: Process automation and system controls are arguably more important to the food and beverage production industry than any other major manufacturing branch. From processing base ingredients and raw materials to packaging and shipping finished products, practically every step of the food and beverage production life cycle demands innovative automation solutions for optimized efficiency and cost control. This session will focus on Water Treatment strategies and Power and Utilities management.

CT479 – VFD Cables: Essential or Overkill: What exactly are VFD cables and why should you consider installing them as part of your VFD System? What system problems do they address and how do they address them? How do VFD cables reduce or prevent PLC problems, motor problems, cable failures, drive trips? How can VFD cables actually increase your energy savings?

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August 22-23, 2018

Statehouse Convention Center

101 E. Markham Street

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