PRESENTING COMPANIES

Rockwell Automation and Cisco are committed to being the most valuable resource in the industry for helping manufacturers improve business performance by bridging the technical and cultural gaps between plant-floor and higher-level information systems. Through collaboration on products, services and educational resources, we help manufacturers and machine builders converge and simplify their network architecture and tightly integrate technical and business systems using EtherNet/IP – the world's leading open industrial Ethernet network.

Established in 1980, Grantek is a leading international (USA & Canada) provider of Business Solutions and integrated automation services. Grantek delivers a wide variety of applications and solutions. Working with multi-vendor environments Grantek is experienced in a full range of manufacturing projects ranging from packaging, process, material distribution and plant wide integration.

Creatively applied technology can drive innovation in many ways – from manufacturing methods to business models. Rockwell Automation and Microsoft are joining forces to accelerate this innovation for both Operations and IT practitioners, empowering them to apply solutions in transformative and powerful new ways.

Rockwell Automation and Microsoft are working together and aligning strategically around technology roadmaps and customer needs. The two companies are partnering to develop manufacturing information solutions that enable manufacturers to increase the value of ownership, and empower people by lowering the barriers of applying information technologies to optimize production.

Stone Technologies, Inc. is a national Systems Integrator based in St. Louis, MO with offices in 16 states. Stone focuses on project delivery and for the past 18 years has provided manufacturing consulting and industrial automation services, including process control and manufacturing execution system (MES/MOM) design, software development, and commissioning.

Rockwell Automation, the world's largest company dedicated to industrial automation, makes its customers more productive and the world more sustainable. Throughout the world, our flagship Allen-Bradley® and Rockwell Software® product brands are recognized for innovation and excellence.

THE CENTER FOR TRENDS & TECHNOLOGY
IMPROVING PRODUCTION THROUGH INNOVATION

Sponsored by Rockwell Automation® and our PartnerNetwork™ Program

The Center for Trends and Technology (CTT): Improving Production through Innovation is a one-stop technological education center that may change the way you look at increasing speed, improving asset utilization and managing your risk.

CTT features interactive, educational displays and informative sessions on cutting-edge technologies from industry leading companies like Cisco, Grantek Systems, Microsoft, Stone Technologies and Rockwell Automation.

Don't miss this special exhibit sponsored by Rockwell Automation® and its PartnerNetwork™ program, open and free to all PACK EXPO attendees.

See Solutions in Action

In today's competitive environment, you need innovative machines that easily integrate into your plant-wide infrastructure. You need flexible and efficient equipment that increases business agility, optimizes productivity and helps achieve sustainability objectives – all while lowering your total cost of ownership. Finding the right OEM is critical to the success of your manufacturing operation. OEMs around the globe are designing innovative equipment with Rockwell Automation solutions that will help provide a competitive advantage.

Look for these signs to see Solutions in Action.

Rockwell Automation — Machine Builder **Partner**

Rockwell Automation — Equipment Builder **Partner**

Spare Allen Bradley Parts

AB *Allen-Bradley* · *Rockwell Software*   **Rockwell Automation**

DAILY EDUCATIONAL SESSIONS

Time	Monday	Tuesday	Wednesday
9:15 a.m.	Ensuring Machinery Safety, Compliance & Productivity (CTT-01)	Securing The Connected Enterprise (CTT-08)	Line Optimization - Leveraging Data at all Levels of Your Organization for Continuous Improvement (CTT-07)
10:00 a.m.	Achieve Operational Excellence by Combining Safety & Operational Projects (CTT-02)	Ensuring Machinery Safety, Compliance & Productivity (CTT-01)	Securing the Connected Enterprise (CTT-08)
10:45 a.m.	Drug Supply Chain Security Act Compliance - Serialization ePedigree & Potential Benefits to Manufacturers (CTT-03)	Achieve Operational Excellence by Combining Safety & Operational Projects (CTT-02)	Ensuring Machinery Safety, Compliance & Productivity (CTT-01)
11:30 a.m.	Remote Asset Management in the Cloud (CTT-04)	Drug Supply Chain Security Act Compliance - Serialization ePedigree & Potential Benefits to Manufacturers (CTT-03)	Achieve Operational Excellence by Combining Safety & Operational Projects (CTT-02)
12:45 p.m.	Improving Operational Productivity with a Modern Approach to Distributed Control (CTT-05)	Remote Asset Management in the Cloud (CTT-04)	Drug Supply Chain Security Act Compliance - Serialization ePedigree & Potential Benefits to Manufacturers (CTT-03)
1:30 p.m.	IoT and Plant Floor Virtualization – Emerging Technologies Accelerating Lean Manufacturing (CTT-06)	Improving Operational Productivity with a Modern Approach to Distributed Control (CTT-05)	Remote Asset Management in the Cloud (CTT-04)
2:15 p.m.	Line Optimization - Leveraging Data at all Levels of Your Organization for Continuous Improvement (CTT-07)	IoT and Plant Floor Virtualization – Emerging Technologies Accelerating Lean Manufacturing (CTT-06)	Improving Operational Productivity with a Modern Approach to Distributed Control (CTT-05)
3:00 p.m.	Securing The Connected Enterprise (CTT-08)	Line Optimization - Leveraging Data at all Levels of Your Organization for Continuous Improvement (CTT-07)	IoT and Plant Floor Virtualization – Emerging Technologies Accelerating Lean Manufacturing (CTT-06)

CTT-01 Ensuring Machinery Safety, Compliance, & Productivity	Find out how you can evaluate machinery to ensure your investment provides the best possible return. Contemporary safety solutions not only help keep workers safe, and your company in compliance – they also improve machinery operation and productivity by reducing the need to shut machinery down during routine operations, and providing diagnostics that reduce mean time to repair and help improve line operations. This session will show you what to look for in your machine builders and the machinery they provide. We'll review the engineering procedures, techniques, and technologies - and the questions you should ask – to ensure you get the best value.	Rockwell Automation
CTT-02 Achieve Operational Excellence by Combining Safety & Operational Projects	Learn more about the financial, operational, safety, and engineering benefits of combining your safety and automation projects. The integration of safety technologies, advancements in safety control systems, and addition of safe motion capabilities all supported by safety standards have paved the way towards achieving operational excellence and best-in-class manufacturing performance.	Grantek Systems
CTT-03 Drug Supply Chain Security Act Compliance – Serialization ePedigree & Potential Benefits to Manufacturers	Achieving a return on your regulatory compliance serialization ePedigree investments requires an interoperable data solution that connects all five serialization ePedigree system data layers together with your Connected Enterprise. Once a business is connected with real time visibility to both its customers and its products, the data created can be used to optimize a business in several key areas. This presentation provides an overview of the three key challenges to an interoperable serialization ePedigree system and highlights the benefits and potential return on investment that can be achieved.	Rockwell Automation
CTT-04 Remote Asset Management in the Cloud	Join us to learn about new innovative solutions which can drive a whole new level of collaboration between machine builders and their customers. Learn how machine builders are leveraging Cloud technology and the Internet of Things to differentiate their offering and to partner with their customers to improve the performance of their machines. This interactive session will also include live connection to several machines, in real time, showing a secure, sanctioned system empowering OEMs to analyze and optimize the performance of their assets from anywhere in the world.	Microsoft / Rockwell Automation
CTT-05 Improving Operational Productivity with a Modern Approach to Distributed Control	Are you continually being asked to reduce costs, decrease time to market and improve inventory velocity? Your biggest gains in achieving these goals is through adopting new technologies and concepts. A modern DCS provides the technology to enable plant-wide control, seamless skid integration, ready access to information-rich production data, and easy modifications as demand changes. Learn how the PlantPAx modern DCS can help you improve your operational productivity.	Rockwell Automation
CTT-06 IoT and Plant Floor Virtualization – Emerging Technologies Accelerating Lean Manufacturing	The Internet of Things (IoT) and plant-floor virtualization are rapidly adopting technologies that are profoundly benefiting manufacturing. These technologies provide a fundamentally new infrastructure that enables plant managers more flexibility, modularity and speed to change operations. Having this flexibility is enabling lean initiatives to achieve greater results faster because now technical challenges hindering flexibility are gone. Come learn about the future of these technologies, how you they can leverage with your lean efforts, and how other manufacturers are leveraging in their plants.	Cisco
CTT-07 Line Optimization – Leveraging Data at all Levels of Your Organization for Continuous Improvement	The information required for decision making at various levels of an organization differs. Operations needs immediate information to make changes to the process. Corporate and plant management need a broader perspective to identify trends and implement modifications to improve future operations. This session will discuss how to uncover the hidden potential within a manufacturing facility using actionable information presented in a useful context for the consumer. Join Stone Technologies to learn how companies are using this intelligence across the organization for continuous improvement.	Stone Technology
CTT-08 Securing The Connected Enterprise	Historically, plant automation and business networks have been segregated and isolated using different communications technologies. Cisco and Rockwell Automation have partnered to provide a common network and security environment on a single unified network infrastructure. Learn how we are delivering solutions for security which include unified security policy management and layered security functionality appropriate for the industrial environment.	Rockwell Automation