



CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.



2017 Automotive Convention!



James E. Bruce Convention Center
303 Conference Center Drive
Hopkinsville, KY 42240

*Thursday May 18th
9:00AM-4:00PM*

Keynote Automotive Industry Leader Presentations
Breakout Sessions on Automotive related topics
Showroom floor featuring the latest solutions in the Automotive Industry

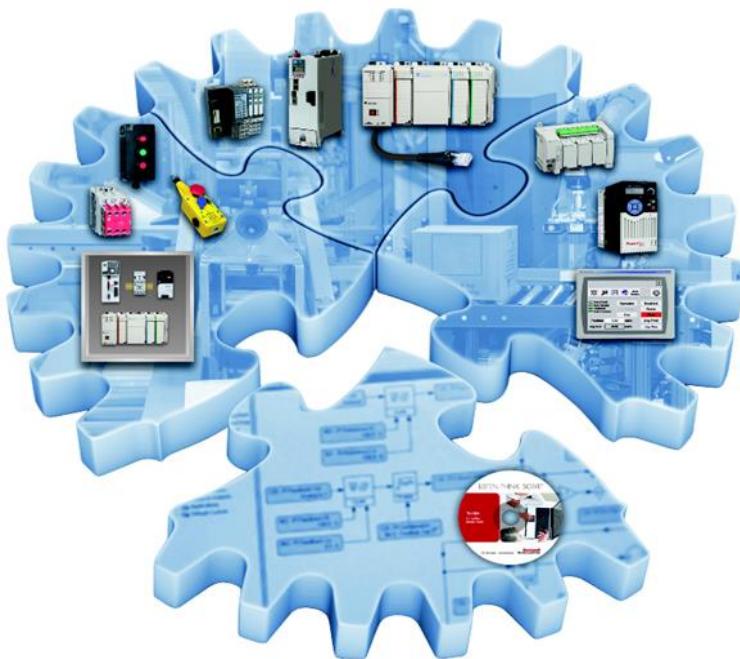
Look inside for more details!!!

On Machine Solutions in the Automotive Industry



Abstract: Please join us for an overview of all the "On Machine" products Rockwell has to offer to enhance productivity as well as the ease of implementation in the Automotive Industry. Some of the products that will be reviewed are..1756 Armor ControlLogix and Armor GuardLogix, 1769 Armor CompactLogix and 1769 Armor CompactLogix, 1783 Armor Stratix, 1732 ArmorBlock and WeldBlock, MobilView tethered HMI, Armor Starts, 1607-XT on machine power supplies, 56RF RFID Solutions... and many more!

Converged Plantwide Ethernet Architecture



Abstract: Join us as we discuss the advantages of updating your facilities aging communication infrastructure. Automotive manufacturers are reaping benefits from the convergence of operations and information technology — through increased yields and deeper, real-time insight into shop floor data and KPIs.

Integrated Safety in the Automotive Industry



Abstract: Join us as we discuss the changes coming in Automotive industry safety systems due to advancements in technologies and safety standards. This session will cover changes in press systems, collaborative robots, and other manufacturing systems as well as new approaches to access control.

Schedule of Events...

	Main room	Room 1	Room 2	Room 3
9 AM		General Session - Trends in the Automotive Industry and The Connected Enterprise -		
10 AM	Visit Show Floor	Press Solutions	Rockwell Based Nutrunner Solutions	Lifecycle Extensions and Migrations
11 AM	Visit Show Floor		Lunch	
12 PM		Codian Robot Solutions	MagnaMotion -Accelerating Plant Performance and Line Flexibility	Converged Plantwide Ethernet Architecture Solutions
1 PM	Visit Show Floor	MES Solutions	Safety in the Automotive Industry	On Machine Solutions
2 PM		Plant Floor Pain Relief	MagnaMotion -Accelerating Plant Performance and Line Flexibility	Rockwell Based Nutrunner Solutions
3 PM		ROI on Specifications	Converged Plantwide Ethernet Architecture Solutions	Codian Robots Solutions

Room locations will be provided on the day of the event.

Automotive MES Solutions



Abstract: Rockwell Automation is an established leader within the automotive industry, delivering comprehensive enterprise-wide solutions and services to help automotive manufacturers and their tier suppliers improve their operational efficiencies. Implementing integrated control and information systems is an increasingly important factor in order to thrive in a global economy. Learn how Rockwell can partner in your Connected Enterprise journey and help you understand the power of scalable MES solutions.

Automotive Specifications Return on Investment



One competitive differentiator for Rockwell Automation is our Global Program Launch experience and expertise, including global specification design development. Increased performance requirements of automotive manufacturers demand integrated automation solutions that can be optimized with modern control technology. We understand customer KPIs such as uptime, quality, efficiency, and workforce productivity as primary inputs to capital justification. Learn how Rockwell can help you articulate your project priorities to your extended organization – operations and finance

Metal Forming and Stamping Press Solutions



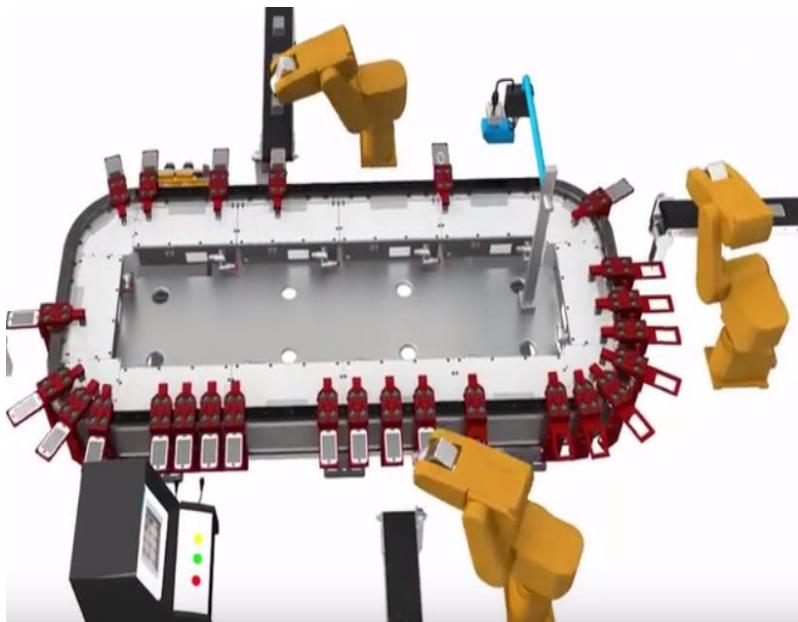
Abstract: Tier 1 Automotive suppliers may be challenged with aging or black box technology in critical press applications. Production demands continue to push for reduced setup and changeover times, improve diagnostics to minimize unscheduled downtime, and enhance repeatability to decrease scrap. Become familiar with Rockwell Automation's Metal Forming and Stamping Application Center to implement off-the-shelf solutions with standardized products that can be supported globally.

Codian Robot Solutions



Abstract: A new trend is developing in robotics: Controlling robot arm systems plus associated machinery with a single Logix controller. Kinematics functionality built into the Logix platforms enables control of robots such as those manufactured by Codian Robotics. There are no “Black Boxes” or converters and all the programming code is available as standard ladder logic via AOI’s created by Rockwell Automation. The single programming environment and common spare parts are a distinct advantage to these systems.

Magnamotion - Accelerating Plant Performance and Line Flexibility



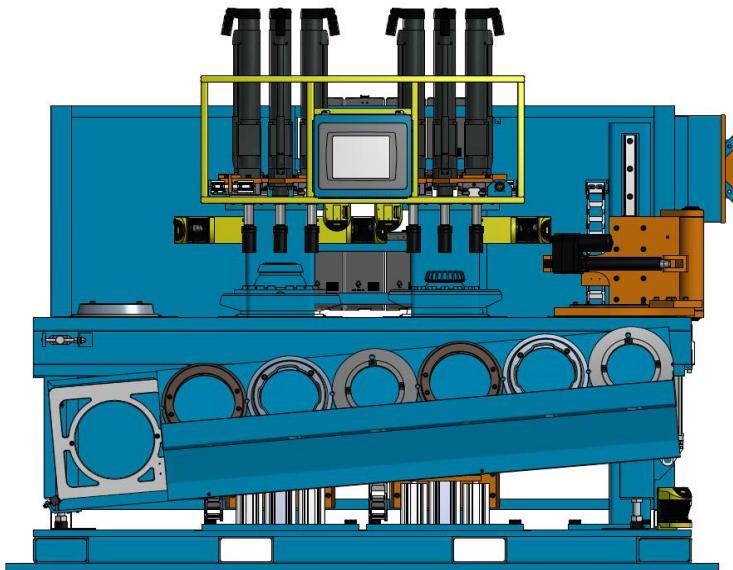
Abstract: Independent cart technology is up-ending traditional motion control paradigms and Rockwell Automation is leading the industry with this new breed of motion control systems. Learn how these solutions will be cornerstones in the factory of the future allowing unprecedented flexibility and speed in factories, while decreasing traditional conveyor footprint and minimizing time typically spent on model changeover.

Lifecycle Extensions and Migrations



Abstract: Are you feeling overwhelmed at the thought of modernizing your plant? Find out how to take the first step and lay the foundation for future modernization. Learn how you can upgrade your current control system and build out your support program to ensure optimal operation for years to come.

Rockwell Based Nutrunner Solutions



Abstract: Torque applications are crucial to not only production but also quality. Six Sigma provides both through our specialized Nut Runners combined with Rockwell Automation controls and components. With data collection and simplistic integration, Six Sigma can provide the exact specialized torque ranges from Newton meters to 50,000 foot pounds. Thanks to Rockwell Automation, we can collect information and deliver precise results. Six Sigma - machines limited only by your imagination.

Plant Floor Pain Relief



Abstract: The ever-evolving world of technology around us brings great value in many aspects of our lives, but can sometimes introduce unintended consequences on the plant floor. Come learn about methods, tools, and best practices to monitor, predict, and prevent common control system pain points.

Registration Information



**Register
Now**

Register now for the 2017 Automotive Convention. Attendance is FREE!. For registration please contact:

Hunter Jurgens

Direct: 270-450-8102

E-mail: Hunter@cedpaducah.com

**Rockwell
Automation**



CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.