New Products and Solutions Directory
Automation Fair 2015

November 18-19, 2015
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Essential Components

Booth: 806
800T/H Explosion-Protected Contact Block

- Ideal for E-stop and high vibration applications where typical reed switch solutions are undesirable
- A reliable UL 1203 certified solution for Class I Div. 2 environments (Groups A, B, C and D)
- Positive opening NC contact for global E-stop functionality
- Compatible with a broad variety of device types:
  - Momentary contact push buttons
  - Trigger action E-stops
  - Push-pull devices
  - Selector switches
  - Push-to-test pilot lights

Essential Components – Booth 806
Todd Bissell
Rockwell Automation
tmbisell@ra.rockwell.com
855XM Hazardous Location Metal Horn

- IP66, marine-grade aluminum enclosure has a compact footprint
- Operating temperature: -40…70° C for Class 1 Division 2
- Rated for global use: UL, ATEX/IEC Ex and Class/Zone certified
- Functions include: electronic horn sounder/multi-tone/multi-stage and combined electronic horn with two versions of Xenon strobe (5J and 10J)
- Available tones: 64 tones at 116 dB (4 stages)
855HM High Performance Metal Horn

- Designed for harsh environments: marine-grade aluminum enclosure, Type 4/4X/13/3R, IP66
- 12…30V DC for combined horn and LED beacon
- Available tones: 45 tones at 119 dB (3 stages)
- Selectable steady or flashing LED beacon available in five colors
Snap-together Wiring Technology for Enclosed Starters

- Component wiring is color-coded by function. The wiring sleeve cover corresponds to a colored label on the terminal block. Keyed connectors snap these components into the terminal block.
  - Faster assembly time
  - Reduces risk of wiring errors
  - Makes assembly on site easier
- Currently for Bulletins 105, 109, 305 and 309 Enclosed Starters
1492 Wiring Systems

- New cable designs for quick, error-free connection between IFMs (interface modules) and 5370 CompactLogix™ L1/L2 controllers
- Interface modules (IFM) connect through pre-wired cables to digital and analog I/O reducing wiring time
- Simplified design reduces bill of materials – one IFM module and cable replaces multiple terminal blocks, wires and terminations

Essential Components – Booth 806
Todd Bissell
Rockwell Automation
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E300™ Electronic Overload Relay

- Pass-thru Sensing Module – mount to existing motor starter (Rockwell Automation or competitor)
- DeviceLogix™ firmware update – includes 50 pre-written motor control programs
- 200A Sensing Module – expands product offering
PowerMonitor™ 1000

- Updated firmware for security, improved communication stacks, and fixing known issues
- Re-aligned metering features to improve product selection
- Create a basic consumption version of PowerMonitor 1000 without integrated display
Expanded Allen-Bradley® IO-Link Solutions

- IO-Link enabled technology provides seamless visibility of field devices through your Integrated Architecture®
- Premier Integration by way of Allen-Bradley® controllers, IO-Link masters and field devices
- Field devices can cost-effectively “talk” to an industrial Ethernet network while providing:
  - Detailed diagnostics
  - Device identity information
  - Multi-bit I/O data messages
- Expanded IO-Link sensor offering
  - 871C & 871FM Miniature Inductive Sensors
  - 42EF RightSight Long-Range Background Suppression
  - 836E Pressure and 837E Temperature
  - 45CLR Color Sensor

Essential Components - Booth 806
Todd Bissell
Rockwell Automation
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Allen-Bradley® 873P Ultrasonic Sensors

- Pushbutton teach process and multiple LED indicators simplify programming of sensor outputs and set points
- 6 mm, 18 mm, and 30 mm diameter models with analog, digital and combination analog/digital output configurations
- Sensing range up to 6 m (19.6 ft.)
- Window or One Set Point output function
- Synchronization on select models prevents crosstalk
- IP67 rating
Allen-Bradley® 871TM Weld Field Immune Proximity Sensors

- Heavy duty stainless steel face and barrel are ideal for harsh or extremely demanding environments
- Electromagnetic protection up to 40 mT (400 gauss) on 8 mm, 12 mm, and 18 mm models help prevent false triggering during the welding process
- Two to three times greater sensing distance compared to standard models including copper and brass
- IP69k and 1200 psi wash-down rated
- Chemical and abrasion resistant
Intelligent Motor Control

Booth: 832
PowerFlex® 6000 Medium Voltage Drives

- PowerFlex 6000 medium voltage drives provide cost-effective solutions for motor control applications from 137 kW to 5600 kW, for motors rated from 3 kV to 10 kV
- Particularly suitable for new and retrofit centrifugal fan and pump applications
- Option for automatic power cell bypass to help achieve less downtime in critical applications
- Drives include an intuitive, easy-to-use, color touchscreen operator interface to monitor and control your application.

Intelligent Motor Control – Booth 832
Stephanie Winterhalter
Rockwell Automation
sawinterhalter@ra.rockwell.com
PowerFlex® 7000 Drive with ArcShield™

- Designed to help redirect the energy created from an arc flash event away from personnel
- Fully compliant with the IEEE C37.20.7 and IEC 62447-2 standards, and provides Type 2B protection
- Helps protect workers on the front, sides and rear of the enclosure, even with open LV control doors
- Enclosure engineered to resist the forces of arc events up to 50 kA
Allen-Bradley® PowerFlex® 750-Series
Wall Mount Drives Power Extension

- Our market-leading footprint for PowerFlex 753 & PowerFlex 755 wall mount drives now offers power ratings that extend up to 400 Hp / 270 kW

- These drives provide the industry’s smallest footprint for power requirements ranging from 100 Hp / 75 kW to 400 Hp / 270 kW

- Flexibility and a range of options allow the drives to meet a wide variety of application requirements

- The complete PowerFlex 750-Series AC drive family offers a power range of 1-2000 Hp / 0.75 to 1500 kW and 400/480 and 600/690 volt availability
**CENTERLINE® 2500 Motor Control Centers**

- More flexible options to meet customer requirements
- New designs include fixed or withdrawable units, and smaller footprint
- Fully type tested standard designs
- Options for more standard designs to help reduce deliver time
- Available October 1, 2015
Optimized EtherNet/IP Utilization in CENTERLINE® IntelliCENTER MCCs

- Flexible switch locations to help meet the needs of your applications.
- Maximized density of intelligent devices in your MCC by mounting switches in either the top or bottom horizontal wireway.
- Enhanced troubleshooting by connecting intelligent devices to EtherNet/IP and monitoring with IntelliCENTER software.

Intelligent Motor Control – Booth 832
Stephanie Winterhalter
Rockwell Automation
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Safety Solutions

Booth: 400
Allen-Bradley® Guardmaster® 442G- MAB Multifunctional Access Box

- Combines multiple functions – door handle, guard interlock, guard locking, control panel and escape release – for a complete machine guarding solution
- Meets the new ISO 14119:2013 requirements
- Uniquely coded for tamper resistance
- Suitable for hinged or sliding guards
- Optional escape release
- Door handle rotates in 90° increments to suit the installation
- Four easy-to-read LEDs provide system status
- 2,000N holding force
- Withstands loads up to 300 Joules
- Up to 4 controls and indicators including an E-stop push button
- Easy to mount and troubleshoot

Safety Solutions - Booth 400
Steve Ludwig
Rockwell Automation
swludwig@ra.rockwell.com
Allen-Bradley® GuardShield™ 450L-B Safety Light Curtain

- Patented transceiver technology allows each transceiver to be used as either a transmitter or a receiver via an innovative plug-in module
- Active protective field provides sensing over the entire length of a transceiver
- Available in a wide range of protection heights 150 mm to 1,950 mm (5.9 in. to 76.7 in.) in increments of 150 mm (0.5 ft.)
- Finger resolution (14 mm): 0.2 to 6 m (0.7…19.7 ft)
- Hand resolution (30 mm): 0.2 to 10 m (0.7…32.8 ft)
- Compact design: 30 mm x 30 mm (1.8 in. x 1.8 in.)
- TÜV certified PLe, Type 4 IEC 61496-1/-2, SILcl3 per EN ISO 13849-1, IEC 62061

Safety Solutions - Booth 400
Steve Ludwig
Rockwell Automation
swludwig@ra.rockwell.com
Allen-Bradley® Guardmaster® Guard Locking Safety Relay with Time Delayed Outputs (GLT)

- PLd and CAT3 per ISO13849-1, SIL CL2 per IEC 61508
- Lock or unlock command for safety gates
- 2 OSSD
- 2 configurable time delayed outputs (100ms up to 30 minutes)
- Versatility through simple logic, reset and a variety of preset time delay configurations
- Single-wire safety relay connection allows for ease of installation and system flexibility
- Removable terminals are grouped together for power, inputs and outputs for clear connection
- A global safeguarding solution that meets all applicable directives and is third-party tested and approved by UL and TÜV
Allen-Bradley® Guardmaster®
3m SafeZone™ Mini Safety Laser Scanner

- Designed for stationary and mobile applications
- Park mode selectable for mobile applications
- Two configurable I/O for added functionality
- Class 1 Laser (eye safe)
- Two warning fields can help reduce brake wear on AGVs
- Multiple samplings can be configured for difficult environments
- Integrated External Device Monitoring (EDM)
- Selectable resolutions of 30 mm, 40 mm, 50 mm, 70 mm and 150 mm
- 7-segment display for diagnostic messaging, can be rotated 180°
- Type 3 per IEC 61496, PLd per ISO13849-1, SIL 2 per IEC 61508

Safety Solutions - Booth 400
Steve Ludwig
Rockwell Automation
swludwig@ra.rockwell.com
Process Solutions

Booth: 1078
PlantPAx® DCS v4.0

- **Automation Productivity**
  Decrease the time to market required to deploy and maintain system
  - Improved documentation and tools
    - Updated selection guide and user manuals
    - Updated PlantPAx® System Estimator
  - Leverages the control and HMI core releases:
    - Logix v24 (w/redundancy support)
    - FactoryTalk® View SE 8.1
    - New unified system-wide configuration interface
  - Rockwell Automation Library of Process Objects 3.5
    - Including Process Strategies (NEW)

- **Enabling Technology**
  Infrastructure improvements to deliver a robust and reliable experience
  - Continued investment in virtualization templates
  - Adoption of FTViewpoint 8.1 with HTML5 abilities
  - Inclusion of Stratix Layer3 reference architectures

- **Enhanced Control**
  Enhance the user experience while increasing operational productivity
  - New 1756 HART I/O modules
  - Inclusion of chassis based PlantPAx MPC
  - Localization of the Process Library with Language Switching

Process Solutions – Booth 1078
Marilyn Muscenti
Rockwell Automation
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Library of Process Objects v3.5

- Helps to achieve characterized performance with known control strategy configurations
- Greatly reduces implementation time
- Promotes consistent applications and user experience
- Pre-configured function block diagrams to perform basic process control
- Simple routine import, with I/O mapping performed using program parameters
- Template categories include: I/O processing, regulatory and procedural control, motors and valves
- Native FactoryTalk® View language switching capability
Batch Application Toolkit

OVERVIEW

Documentation, code and HMI components to assist development of a Batch application

- Serves as a starting point for a batch project
- Free download on Integrated Architecture® Tools webpage
- Anticipated summer 2015

BENEFITS

- Reduced design efforts
- Efficiencies in code and graphic configuration
- Reduced component testing efforts
- Realize fewer errors on commissioning

Reduce Your Batch Implementation Time
With Easy-to-Use Best Practices

- Reduce design efforts
- Efficiencies in code and graphic configuration
- Reduced component testing efforts
- Realize fewer errors on commissioning

Process Solutions – Booth 1078
Marilyn Muscenti
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memuscenti@ra.rockwell.com
PlantPAx® MPC

- Runs dynamic optimization in the controller
- Allows changing process model parameters online
- Enables changing controller parameters online
- Fast and extremely capable (up to 10 by 10 MPC)
- Coordinate multiple interacting PIDs
- Predictably manage external disturbances
- Handle long or complex process dynamics
- Maximize performance up to process limits
- Execute up to five independent MPC applications on one MPC-module
- Standard display templates available in process library
- Included in the PlantPAx® characterization lab
- Easy-to-integrate path to higher capacity, yield, quality and energy efficiency
FactoryTalk® Batch v13

- Modernization of operator interaction with the batch system
  - New HMI controls with multi-language support

- Improved maintenance and support for data and reporting
  - Database management for archiving service

- Enable quicker recipe changes
  - Recipe search and replace

Process Solutions – Booth 1078
Marilyn Muscenti
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AADvance® Control System

- Scalable from SIL2 Simplex Fail Safe to Triple Modular Redundant (TMR) SIL3 Fault Tolerant for Process Safety applications
- Open communication connectivity (Modbus, EtherNet/IP, TCP/IP)
- High level of Safety and Availability
- IEC1131-3 programming environment
- Online software modification
- Offline simulation
- Program version control and comparison features
- IEC61508-2010 Edition Certified

Process Solutions – Booth 1078
Marilyn Muscenti
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- Triple Modular Redundant (TMR) for SIL3 Fault Tolerant Process Safety applications
- High Density I/O – up to 40 channels per I/O module in a small footprint
- 120VAC Input and Output Modules for higher voltage applications
- Open communication connectivity (Modbus, EtherNet/IP, TCP/IP)
- Highest level of Safety and Availability
- IEC1131-3 programming environment
- Online software modification
- Offline simulation
- IEC61508-2010 Edition Certified
Allen-Bradley® 1718 - Ex I/O

- I/O modules for intrinsic safety field connections, rated for installation in Zone 1 Class I, Division 2 applications
- Tight integration with Integrated Architecture® software through Add-On Profiles in Studio 5000® software
- Redundant EtherNet/IP adapter using DLR topology
- Optional power supply redundancy
- Compact system with power supply chassis slots allows maximum efficiency in tighter spaces
- Removal and Insertion Under Power (RIUP) lets you replace modules and make connections while the system is in operation
- Modularity allows for easy configuration and scalability for larger applications

Process Solutions - Booth 1078
Sandra Sim
Rockwell Automation
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The Connected Enterprise Pavilion

Booth: 945
The Connected Enterprise

- Seamless collaboration and integration to enable the power of real-time data to make better, more profitable business decisions
- Convergence of information technology (IT) and operations technology (OT) into a single unified architecture to capitalize on operational, business and transactional data
- Equipment and devices are transformed into intelligent assets capable of reporting a wealth of production information including diagnostics and energy
- Delivered through Rockwell Automation Integrated Control and Information solutions. It yields contextualized information and efficient production through a smart, productive and secure portfolio that is enhanced by a secure network infrastructure shared by partners
- Enables connection among global and remote operations, assets and people, all allowing for better collaboration, faster problem solving and improved innovation
- Helps to enable faster time to market, lower total cost of ownership, improved asset utilization and enterprise risk management

The Connected Enterprise Pavilion– Booth 945
Mike Hannah and Wendy Frostino
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Information Software

Booth: 1035
FactoryTalk® View SE V8.10

- Ease of Use
  - Integration with Studio 5000® Architect
  - Distributed application Backup and Restore tool to backup and restore applications in 3-clicks.
  - Dynamic testing of screens parameterized tags for quick validation and testing

- Run-time Improvements
  - Numeric and string on-screen keypad enhancements to show tag name, description, min/max, and units.
  - Display popup dialog relative to calling object

- Alarm Improvements for PlantPAx®
  - Alarm Groups – for improved organization and identification

- Mobility / OS Support
  - Windows 8 and 8.10
  - Windows 2012 Server R2
  - ViewPoint – rendering in HTML5 (Removal of Silverlight)
  - Responsive mobile framework with support for iOS 8, Android

Information Software – Booth 1035
Karen Dyches
Rockwell Automation
kldyches@ra.rockwell.com
FactoryTalk® ViewPoint V8.10

- **Overview**
  - Securely access, enter data, and control your View HMI applications from a web browser
  - No client software to install or maintain
  - Real-Time and Historical Trending
  - Scalable graphics. Maintain graphical image as screen size changes.

- **Design Time**
  - Use FactoryTalk View Studio to build content
  - Use publishing wizard to enable content on the devices

- **Run-Time**
  - Read/Write capabilities based on security settings
  - Full Graphics and Animations
  - Alarm Displays (FTAE)
  - Trending (Historical)

- **Mobile Website – ViewPoint SE**
  - 1st release of mobile for ViewPoint
  - Built-in navigation and scaled graphics
  - Separate URL: http://<host>/ftvp/m

- **Platform Support**
  - Desktop browser support - IE 11, Chrome, Safari
  - Mobile device support - iOS 8 (Safari), Android 4.4 (Chrome)

Information Software – Booth 1035
Karen Dyches
Rockwell Automation
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Run-Time Improvements
- PanelView Plus 7 Performance with Device Level Ring (DLR)
- Support MobileView tethered terminal
- Domain authentication optimizations

Configuration and Application Building
- Design-time multi-monitor support
- Test Display with Tag placeholders

Streamlined Maintenance
- Simplified ‘new’ device support
- Communication diagnostics

Mobility / OS Support
- Removed Windows 2003 and Vista
- 8.10 will be last release to support XP
- ViewPoint – rendering in HTML5 (mobile device support)

Information Software – Booth 1035
Karen Dyches
Rockwell Automation
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New mobile workflow wizards that simplify the configuration and visualization of Logix based data and FactoryTalk Historian

- Reduce your time to trend by browsing tags or structures included in .ACD files
- Configure data storage properties for FactoryTalk Historian, and build trends and reports all from VantagePoint mobile!
PharmaSuite MES Software V7.1

- **Inline and Output Weighing**
  - New capabilities to optimize weighing scenarios during manufacturing. Incoming and outgoing material can now be weighed against pre-defined quantities.
  - Supports advanced quantity determination, yield calculation and the application of prorate factors for downstream material quantity calculations.

- **Master Recipe comparison**
  - New set of comparison tools allows risk-based approach for master recipe approval and enables users to compare recipes and determine the differences, accelerating design and approval of recipes in a very efficient way.

- **Workflow agility**
  - New workflow capabilities support sophisticated scenarios on the shop floor such as coordinated activities across different locations and clean zones.
  - Workflows can now be requested, dispatched and queued to work centers.
Rapid Line Integration™ V4.0

- **Runtime Improvements**
  - Adoption of FactoryTalk® Performance Management as OEE engine
  - Reporting via Performance Management & FactoryTalk VantagePoint®

- **Ease of Use**
  - Improved test, simulation, and validation tool for the RAPID Equipment interface
  - Documented Client strategies
    - Full Clients (PC Based)
    - ‘Small’ clients using local PV’s and simple view objects
    - HTML 5 options
    - Tablets and Mobile
    - Thin/Zero Client

- **Integration to MES/CPG Suite**
  - Order Management
  - Synchronize order context data with performance data
  - Facilitate work flows for run out / close out activities
  - Material Tracking
  - Material Consumptions & Productions

Information Software – Booth 1035
Karen Dyches
Rockwell Automation
kldyches@ra.rockwell.com
Solutions & Services
Booth: 856
OptiSIS™

- Pre-Built, Pre-Engineered, low cost safety instrumented system (SIS)
- Compliant with industry functional safety requirements up to SIL 3
- Rapid engineering and installation
- Reduces total cost of ownership
- Reduces risk at installation
- Applicable in many process safety environments

**Pictured:** 50 I/O Solution (Wall Mount) features 32 Universal Inputs (AI/DI), 16 Flexible DO and 8 AO.

Solutions & Services – Booth 856
John Heckman
Rockwell Automation
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Managing Industrial Networks for Manufacturing with Cisco Networking Technologies (IMINS2) Training Course

This course will help you to achieve the competency and skills to:

- Configure, maintain and troubleshoot industry standard network protocols
- Deploy best practices that are used in security and wireless technologies for today’s industrial networks
- Helps confirm that current infrastructures are maximized
- Develop a converged platform for flexibility to support future business outcomes
- This course also helps students prepare for the Managing Industrial Networks for Manufacturing with Cisco Technologies Certification exam (exam ID 200-601) and qualify for the Cisco Certified Network Associate Industrial (CCNA Industrial) certification

Solutions & Services – Booth 856
Angelique Fehr
Rockwell Automation
ajfehr@ra.Rockwell.com
Integrated Architecture®

Booth: 1256
Rockwell Software® Studio 5000®

- Expanded Studio 5000 with View Designer and Architect for an optimized automation design environment
- Enhanced security features using FactoryTalk® Security
- Sequence manager for PlantPAx®
- Application Code Manager for managing bulk engineering tools, libraries of code and build projects
- Enhanced compare and merge for a collaboratively working environment
- Supports: CompactLogix™ L19, Compact GuardLogix® 5370, ControlLogix® 5580, Compact I/O™
ControlLogix® 5580

- 1-GB embedded EtherNet/IP™ port enables high-performance I/O and motion control
- Integrated Motion on EtherNet/IP for motion applications up to 256 axes supporting 32 axis per ms
- Onboard display allows for enhanced diagnostics and troubleshooting
- Reset button feature provides the ability to return the controller to the out-of-the-box state
- Digitally-signed controller firmware provides an added layer of security
- Controller-based change detection and logging enable added security
- Embedded storage module removes the need for a battery

Integrated Architecture® - Booth 1256
Paul Whitney
Rockwell Automation
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Compact GuardLogix® 5370

- Integrated safety up to SIL 3, PLe CAT 4
- Dual port Ethernet for linear and device level ring topologies
- Same functionality as equivalent standard catalog numbers plus 50% additional memory for safety applications
- Integrated Motion on EtherNet/IP for motion applications up to 16 axes
- Operates without a battery

Integrated Architecture® - Booth 1256
Paul Whitney
Rockwell Automation
pwwhitney@ra.rockwell.com
Armor™ Compact GuardLogix® 5370
Armor CompactLogix™ 5370

- On-Machine™ safety controller provides scalability for your application
- IP67-rated for wash-down protection
- Integrated safety up to SIL 3, PLe CAT 4
- Integrated Motion on EtherNet/IP for motion applications up to 16 axes
- Dual port Ethernet for linear and device level ring topologies
- Offers quick-connect cabling that streamlines system wiring

Integrated Architecture® - Booth 1256
Paul Whitney
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CompactLogix™ 5370 L19

- Increased memory for process skid control applications that requires low I/O
- Embedded I/O with 16 digital inputs and outputs
- Built-in storage removes the need for lithium batteries
- Removable 1-GB secure digital card for fast program save and restore
- Smaller form factor conserves space in the control cabinet
- Dual Ethernet port for linear and device level ring topologies

Same pic as L18

Integrated Architecture® - Booth 1256
Paul Whitney
Rockwell Automation
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Compact I/O™

- Allows faster screw-to-screw timing and increased overall throughput with the ControlLogix® 5580
- Higher connection capability – up to 31 modules
- A dual Ethernet port supports both linear and device level ring topologies
- The adapter status display provides status information and error status without connecting to the adapter
- Accessible rotary switches allow quick IP address setup
- Integrated USB port allows easy access and configuration
- Built-in counting functionality in Basic Input module

Integrated Architecture® – Booth 1256
Paul Whitney
Rockwell Automation
pwwhitney@ra.rockwell.com
Kinetix® 5700 Servo Drive

- Integrated Motion and Integrated Safety on EtherNet/IP
- High axis count and high power multi axis drive for application requirements from 1.6 kW to 60 kW
- Integrated and Hardwired Safe Torque-Off SIL3/Ple
- Advanced tuning with Load observer improves performance and removes the need for tuning
- Dual axis modules simplifies wiring and reduces cabinet space
- Dual Ethernet port for linear and device level ring topologies

Integrated Architecture® – Booth 1256
Paul Whitney
Rockwell Automation
pwwhitney@ra.rockwell.com
PanelView™ 5500 Operator Interface

- Integrated approach to next generation operator interface using the new Studio 5000 View Designer™ software

- **Modern Design:** Intuitive, sleek design with wide screen, touch and keypad options

- **Improved Performance:**
  - Pre-configured system banner provides diagnostic indicators
  - Scalable vector graphics allows designers to adjust objects or screens to any terminal size

- **Enhanced Logix Integration:**
  - Logix-based alarms are automatically available in terminal - eliminating additional configuration
  - High-speed HMI buttons provide quick response and feedback for machine jogging applications
  - View Designer takes full advantage of Logix extended tag properties

Integrated Architecture® – Booth 1256
Tiffany Pfremmer
Rockwell Automation
tbockhop@ra.rockwell.com
PanelView™ Plus 7 Performance

- Offers display sizes from 7...19 in. with wide screen and keypad options
- Dual Ethernet ports for linear and device level ring (DLR) topologies
- Can be used as thin client terminal
- Video playback support provides advanced operator capabilities
- Mobile connectivity using VNC support and FactoryTalk® Viewpoint
- Embedded PDF Viewer for reading installation and user manuals
- Transfer alarm logs, data logs, and recipe files from PC to terminals using FTP functionality

Integrated Architecture® – Booth 1256
Tiffany Pfremmer
Rockwell Automation
tbockhop@ra.rockwell.com
Stratix 5400™ Industrial Switch

- Supports layer 2 access switching and layer 3 routing network architecture flexibility
- All Gigabit Ethernet (GE) platform for high performance network support including Power over Ethernet
- Default configurations for industrial applications providing easy setup
- Support for dual GE ring configurations for network resiliency
- Integrated Network Address Translation (NAT) and device level ring topology options
- Premier integration with Studio 5000®
Stratix 5410™ Distribution Switch

- 19" rack mount design for use in cabinet enclosures
- Rugged exterior for extreme environments
- All Gigabit Ethernet (GE) platform with up to 28 ports including four, 10 GE ports
- Supports layer 2 access switching and layer 3 routing network architecture flexibility
- Premier integration with Studio 5000®
PanelView™ 5500 Operator Interface

- Integrated approach to next generation operator interface using the new Studio 5000 View Designer™ software

- **Modern Design:** Intuitive, sleek design with wide screen, touch and keypad options

- **Improved Performance:**
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  - View Designer takes full advantage of Logix extended tag properties

Integrated Architecture® – Booth 1256
Tiffany Pfremmer
Rockwell Automation
tbockhop@ra.rockwell.com
Allen-Bradley® 1719 - Ex I/O

- I/O modules for intrinsic safety field connections, rated for installation in Zone 2 Class I, Division 2 applications
- Tight integration with Integrated Architecture® software through Add-On Profiles in Studio 5000® software
- Redundant EtherNet/IP adapter using DLR topology
- Optional power supply redundancy
- Compact system with power supply chassis slots allows maximum efficiency in tighter spaces
- Removal and Insertion Under Power (RIUP) lets you replace modules and make connections while the system is in operation
- Modularity allows for easy configuration and scalability for larger applications