

User Group Online Seminars

Automation Fair Preview

October 2022



Technical Seminars from TRC

Register to receive a calendar invite



TECH TALK

Month	TechTalk Topic	YouTube Link
January	Installed Base Evaluations (IBE) Overview	https://youtu.be/pwPs8NuF2KE
January	Stratix Portfolio Update	https://youtu.be/8eUy8feCtXM
February	Energy Monitoring with PowerMonitor	https://youtu.be/uNo-y-QDHIE
February	Quality Remanufacturing by Rockwell Automation	https://youtu.be/rC1oo_TGjKU
April	ESolutions Punchout Integration	https://youtu.be/mWLCREX40fw
May	Proactive Digital Maintenance Strategy with Fiix	https://youtu.be/h9IYGVbRLHg
June 8	Impact of DCOM Hardening Patch	https://youtu.be/qYte4oRNzCk
July 27	Remote Access Solutions	https://youtu.be/6ZhsRap-_p8
Aug 31	Stratus Disaster Recovery	https://youtu.be/0Ctjxlx6G_w
Sept 28	Skill Development: The Rockwell Certificate Program	

USER GROUP

Month	Description	YouTube Link
January	Rockwell Automation Controllers & I/O	https://youtu.be/ovmxFPlv-ZI
February	Intro to Rockwell Automation Operator Interfaces	https://youtu.be/82tyizbnOGQ
March	Smart Safety for Machines	https://youtu.be/rjihZ2wWlsM
April	Studio 5000 Update	https://youtu.be/tT3FANr8JEA
May	Process System Update	https://youtu.be/_ALxxNuzBms
June	CLX Redundancy Network Architectures	https://youtu.be/5ghP4bUi-OE
July	Modernization Solutions	https://youtu.be/EgZQwRua09o
August	Integrated Power and Process Update	https://youtu.be/N4rLtpmfSJc
September	HMI Design Guide	
October	Automation Fair Event Preview	

Visit our Resources page on reynoldsonline.com

Updated Website

ReynoldsOnline.com

Resources Section includes

- Blog articles
- Podcast
- Videos
- News

The screenshot displays the website for The Reynolds Company Electrical Supply. At the top, there is a navigation bar with contact information (866) 739-6260, a chat icon, and a locations icon. Below this is a secondary navigation bar with links for SERVICES & SOLUTIONS, RESOURCES, TRAINING & EVENTS, and ABOUT US. A dark banner below the navigation bar contains the text "Our New Orleans branch will remain closed until power is restored. Learn more." and a close icon. The main content area is titled "RESOURCES" and includes filter options for "Filter By Category" (Show All) and "Filter By Type" (Show All), along with a "CLEAR FILTERS" button. The resources are displayed in a grid of six cards. The first card is for "TRC Talks" with the title "LOTO Part 1 - The Components of Lockout Tagout" and a date of August 27, 2021. The second card is for "TechTalk Online Seminars" with the title "TechTalk - Spectrum Controls" and a date of August 26, 2021. The third card is for "User Group" with the title "User Group - Introduction to InnovationSuite" and a date of August 19, 2021. The fourth card is for "TechTalk Online Seminars" with the title "TechTalk - Lockout/Tagout Program Management" and a date of August 12, 2021. The fifth card is for "Fiix" with the title "Introducing Fiix" and a date of August 04, 2021. The sixth card is for "TechTalk Online Seminars" with the title "TechTalk - PlantPAX System Estimator" and a date of July 29, 2021. Each card includes a brief description of the resource.

THE REYNOLDS COMPANY
ELECTRICAL SUPPLY

SERVICES & SOLUTIONS ▾ RESOURCES ▾ TRAINING & EVENTS ▾ ABOUT US ▾

ALL PRODUCTS

Search Product Numbers, Brands or Keywords **SEARCH**

SIGN IN **Cart**

Our New Orleans branch will remain closed until power is restored. [Learn more.](#)

HOME > RESOURCES

RESOURCES

Filter By Category

Filter By Type

CLEAR FILTERS

TRC Talks

a podcast on industrial automation

LOTO Part 1 - The Components of Lockout Tagout

August 27, 2021 | Safety | Podcasts

In this episode of TRC Talks, Brad Freeman speaks with Tim Bohmann from Rockwell Automation on the topic of Lockout Tagout. LOTO is a crucial component of any safety...

TechTalk

Online Seminars

TechTalk - Spectrum Controls

August 26, 2021 | Automation | Training & Events

In this TRCTechTalk, we are joined by a guest presenter - Spectrum Controls.

User Group

User Group - Introduction to InnovationSuite

August 19, 2021 | Automation | Training & Events

FactoryTalk software is built for supporting an ecosystem of advanced industrial applications, including IoT. It all starts at the edge where manufacturing happens and scales from on-...

TechTalk

Online Seminars

TechTalk - Lockout/Tagout Program Management

August 12, 2021 | Safety | Training & Events

Watch our TechTalk to learn how ScanESC

Fiix

A ROCKWELL AUTOMATION COMPANY

Introducing Fiix

August 04, 2021 | Services | Featured Products

Fiix is a Computerized Maintenance

TechTalk

Online Seminars

TechTalk - PlantPAX System Estimator

July 29, 2021 | Networking | Training & Events

Watch our TechTalk to learn how to use the

Our Presenters

Wayne Welk

Automation Specialist
The Reynolds Company
New Orleans

David Nute

Process Business Development Lead
The Reynolds Company
Houston

JOIN US AT AUTOMATION FAIR

NOV 16-17, 2022 • CHICAGO, ILLINOIS

HOTEL PACKAGES AVAILABLE!

Book a hotel package with The Reynolds Company and get a ticket to our hospitality event and shuttle service to/from the convention center and our event.

The deadline to book a hotel package is **October 31**.

Learn more about hotel packages and Automation Fair registration at www.reynoldsonline.com/automationfair

AUTOMATION FAIR

We hope you will join us so you can interact with IT/OT professionals and network with innovation experts, company executives, and thought leaders and peers in your field. The event will feature

- Hands-on labs
- Product and technology sessions
- Industry forums
- Expo – show floor



Automation Fair®



JOIN US AT AUTOMATION FAIR

NOV 16-17, 2022 • CHICAGO, ILLINOIS



Automation Fair®

THE REYNOLDS COMPANY HOSPITALITY EVENT SPONSORS

Acme Electric

Belden

Brady

Burndy

CoreTigo

Dialight

Fluke

Hammond Power Solutions

Hubbell Wiring Devices

Killark

Littelfuse

Mersen

nVent Hoffman

Panduit

Post Glover Resistors

Powerohm Resistors

ProSoft Technology

Southwire

Spectrum Technologies

Stratus Technologies

JOIN US AT PSUG

NOV 14-15, 2022 • CHICAGO, ILLINOIS, USA

rok.auto/psug | #ROKevents

Focused on the value the systems and technology Rockwell Automation and its Partners can deliver and the Results Achieved by our process customers.

[Learn More and Register!](#)

399\$ Early Bird through end of October, 599\$ After

PSUG 2022 Run of Show

- 18 Customer Application Stories
- 24 Technical Sessions
- 7 Hands-on Labs
- 5 Round Table Discussions
- Community building evening social event
- Keynote

* As of 8/22 Full Details Forthcoming



Process Solutions
User Group

Monday Social and Networking

Located in: [River East Plaza](#)

[Address](#): 435 E Illinois St, Chicago



The Process Solutions User Group:

Interactive Learning through Deep Dive Sessions

Round Table Discussions

- Learn how process leaders across the globe are stepping up in unique ways to better serve their customers during these unprecedented times. Join us for panel discussions where experts discuss how they are defining, transforming, and innovating through topics including cybersecurity, DCS system and design deployment, batch management and power.

Customer Led Sessions

- Learn from industry leading peers who have achieved a Connected Enterprise through PlantPax® DCS and Rockwell Automation. This peer learning opportunity addresses the unique challenges faced by select customers and how they implemented measurable business outcomes with the help of Rockwell Automation and Partners.

Product and Technology Sessions

- Expand your insight into the latest process automation technologies. These technical sessions include control strategies, optimization, analytics and batch automation.

Hands-on Labs

- Get hands-on experience with the latest PlantPax technology and supporting platforms

Keynote Presentations

- Explore ongoing developments in the Rockwell Automation roadmap that aim to deliver increased value for process industries and to help users benefit from the full breadth of solutions provided entire Rockwell Automation delivery ecosystem

Monday Evening Social and Networking Event

Relax at the end of the day and visit with industry professionals and technology experts while enjoying dinner and games.



PSUG 2022 Session Listing



Process Solutions
User Group

Labs

- Introduction to the PlantPAx Process System for Operational Efficiency
- Introduction to the PlantPAx Process Controller and Engineering
- ThinManager® Engineered for Results Hands-on Lab"
- Reporting Capabilities and Health Dashboards within PlantPAx (NEW)
- FactoryTalk Batch V15
- Asset Inventory Manager
- Process History Tools and Production Optimization
- Improve Hard to Measure Quality with a FactoryTalk® Analytics® Data Explorer Virtual Online Analyzer®

Technical Sessions

- Using State-Based PID Controller Analytics to Increase Uptime and Throughput
- Advanced Physical Layer – The new Ethernet based infrastructure for process
- DCSNext – Control System Migrations from Justification through Sustainable Operations
- Know the value of a PlantPAx system today and for the future
- Addressing market challenges with PlantPAx
- Proactive approach to plant lifecycle management with PlantPAx
- Integrating Intelligent Power Devices with PlantPAx DCS
- Designing and delivering a high performance PlantPAx system
- Implementation of PlantPAx System. Best Practices and Recommendations
- A New Fault-tolerant and Universal I/O for your PlantPAx system
- Understanding Alarm Management in the Process Industries
- Visualization and UI Methods to Improve Operator Responses in Abnormal Situations with PlantPAx
- PlantPAx analytics enabled: reports with Thingworx and SSRS
- System Orchestration: A New Method to Deploy, Configure, and Manage Servers
- Modernize your Legacy DCS to PlantPAx, with Reduced Risk & Less Downtime to achieve value
- System Cybersecurity Best Practices and Advances
- "Effective Batch Operations with PlantPAx and FT Batch"
- Model Predictive Control: Taking your DCS from chasing disturbances to achieving autonomous operations
- Leveraging FactoryTalk Historian to optimize your operations
- Bringing Teams Together in the New FactoryTalk® Design Hub
- Edge Orchestration and Data Contextualization at Scale to Power Digital Transformation
- Deciding the best control system for Burner Management Systems
- Achieve digitization and sustainability goals with FactoryTalk Energy Manager
- Resilient control systems for high-availability
- Introduction to the PlantPAx EventQ: how to trigger and log controller-based events
- Integrate power and process using IEC-61850 and EtherNet/IP
- Process Network Lifecycle Management

Round Table Discussions

- The PlantPAx System
- Batch Management and Control
- Sustainability and ESG
- Cybersecurity
- Industry Trends in Process

Customer Delivered Sessions*

- Automation Plus, A Plus Group Company
- Automation Werx, LLC
- E Tech Group
- Banks Integration
- Green Bay Packaging
- INCONTROL S.R.L.
- PETRONAS
- Procter and Gamble
- TENG Inc.
- Thermo Fisher
- ECN Automation Inc., End User: Consorcio Minero Benito Juarez Peña Colorada S.A. de C.V.
- Sensia

* Subject to Change



Automation Fair
Nov 16-17, 2022
Chicago, IL, USA

expanding **human possibility**®



Industry Forums

Auto & Tire: A Transformative Era: Key Areas of Focus Deliver End-to-end Success

Chemical: Improve Operations, Meet ESG Goals by Taking Advantage of Digitalization

Food & Bev: Scaling Programs, Realizing Value and Taking the Next Step in DX

Life Sciences: DX for an Evolving Industry

Mining & Metals: Leveraging Technology for Better Decision Making, Optimized Operations and People Safety



Sustainability (EN & ES): Reaching Net Zero: Trends, Technologies and Transformation

OEM: Delivering Results at Times of Uncertainty

Oil & Gas: Digitalization: Unlock Hidden Operational Improvements, Meet ESG Goals

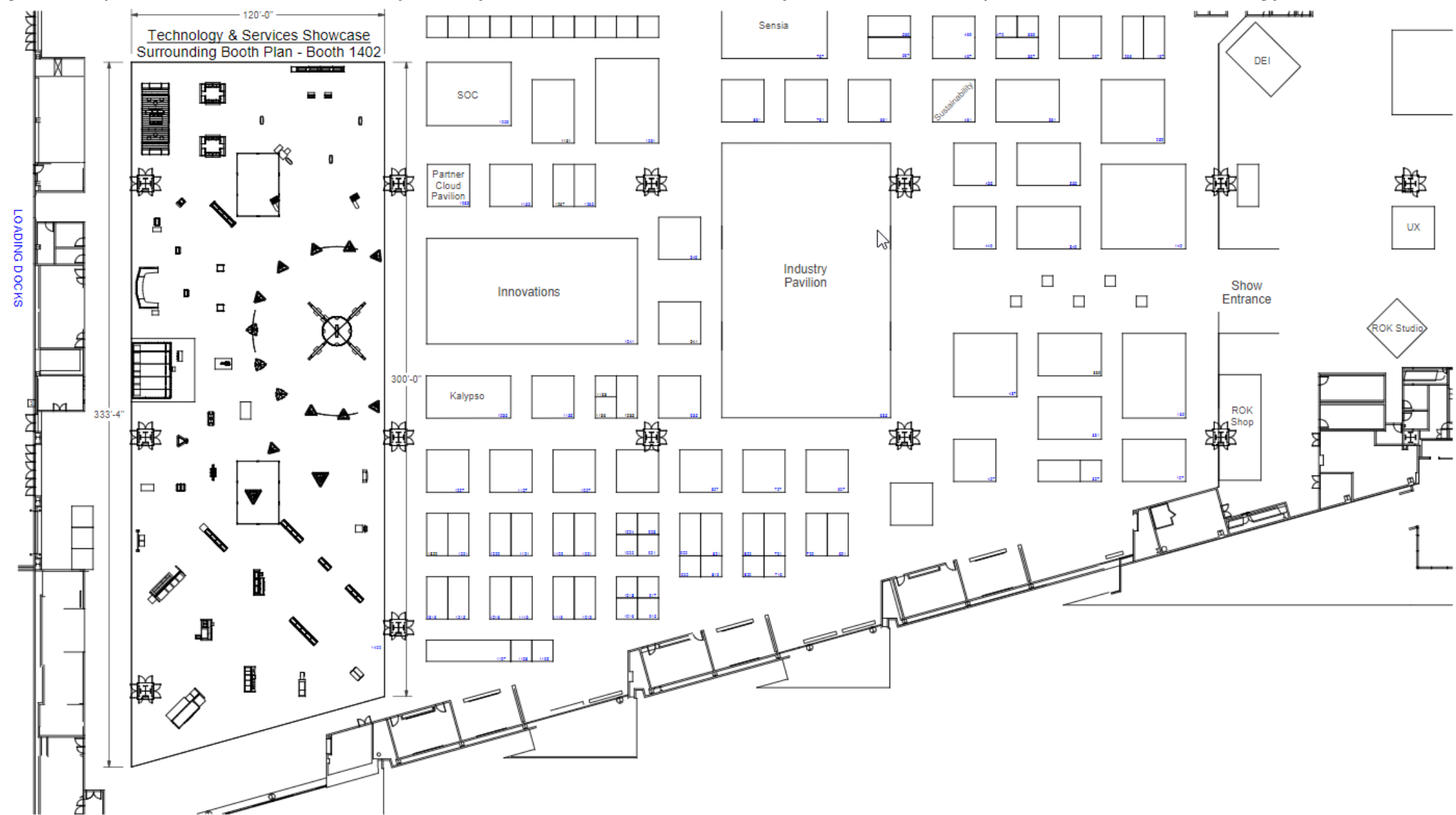
Pulp & Paper: Trends in Automation Enabled Transformation

Warehousing & Logistics: Innovative Approaches to Meeting Skyrocketing Demand

Water/Wastewater: Innovative Smart Water Solutions for Security and Sustainability

AF22 Chicago Show floor experience

Designed to provide a more directed journey for customers – industry to solutions to products and technology



AF22 Chicago: Technology & Services Showcase

Showing attendees how to achieve their desired outcomes

Power/Motor Control

- PowerFlex Medium voltage drives
- CENTERLINE Medium voltage starters
- CENTERLINE Low voltage MCCs
- PowerFlex Low voltage drives
- Lifecycle Services

Intelligent Packaged Power

- Packaged Electrical Equip
- Electrical Control system

Process

- PlantPAx
- 5015 I/O
- Ethernet-APL
- Lifecycle Services

Machine Safety

- Safety Development Tools
- Safety Solutions Wall
- Safety cages
- Lifecycle Services

Smart Devices

- Sensing & Connectivity
- Industrial Control
- Plug-in Terminal Block Demo
- IO-Link Tower Light Demo

Motion & Robotics

- Emulate3D/ThingWorx/Digital Twin
- Camau Robot
 - Unified Robotic Control
 - Remote Access for Industrial Equip
- New ArmorMachine
- Scalable Control Systems

Software – Design/Operate/Maintain

- FactoryTalk Design Hub
- Analytics, Edge, IIoT & Data Management
- Visualization/HMI
- ThinManager
- MES
- FactoryTalk MaintenanceSuite
- FactoryTalk InnovationSuite
- Plex
- Lifecycle Services

Application Review Interactives/Meetings

1. On-site customer application discussions
2. Outcome to Architecture Interactives
3. Scheduled customer meetings

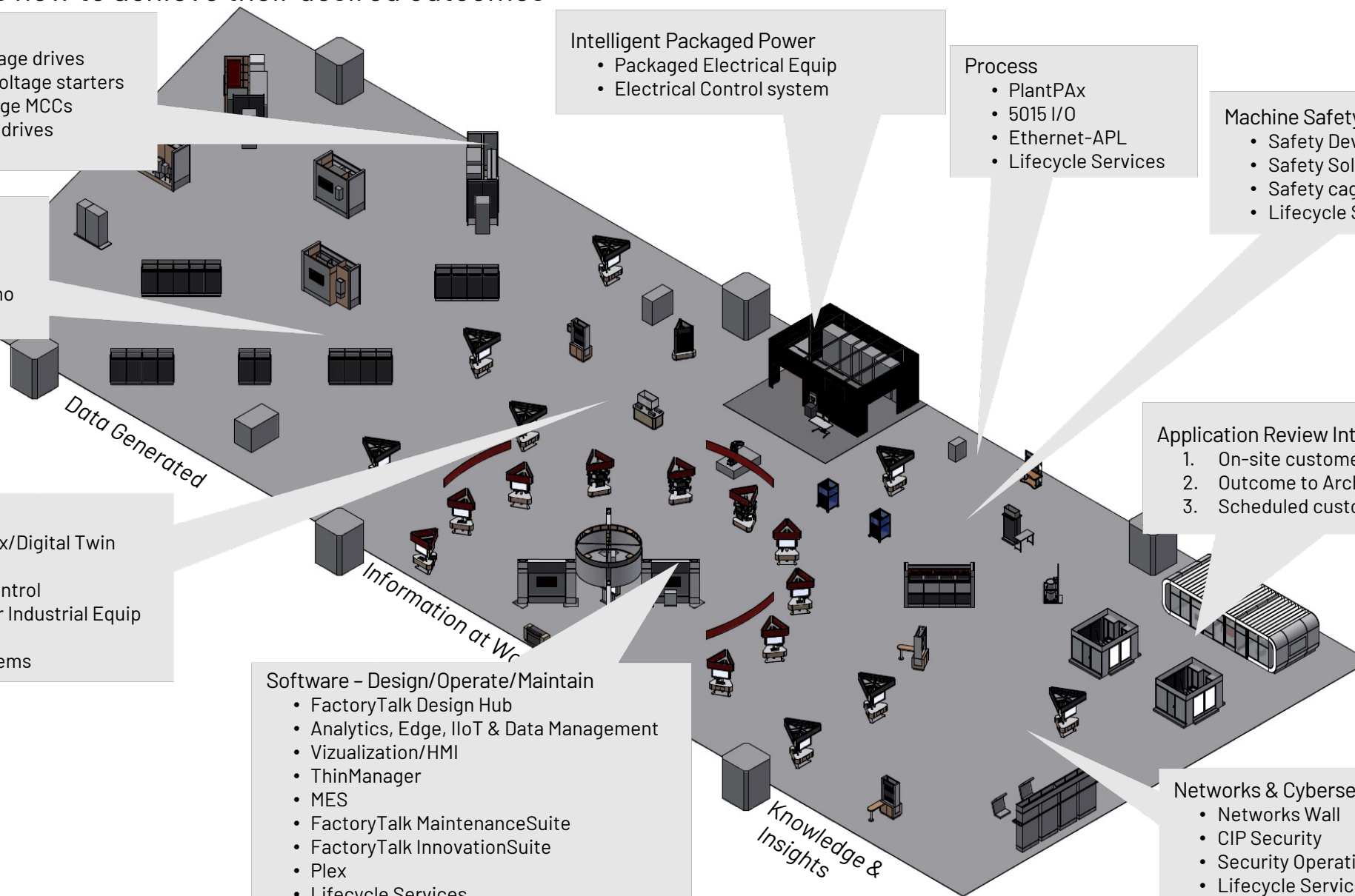
Networks & Cybersecurity

- Networks Wall
- CIP Security
- Security Operations Center (SOC)
- Lifecycle Services

Data Generated

Information at Work

Knowledge & Insights



Booth Content



Consumer Packaged Goods

- MightyQ interactive: incl. Plex, Kezzler, Kalypso
- SKU of you: ICT, robotics, EC – AAGARD
- Augmented workforce: robotics, Fiix, Plex – DCC

Pulp & Paper

- Virtual plant demo
- Remote connectivity live demo
- Modernization/optimized process

Warehousing & Logistics

- Virtual warehouse interactive: motion, simulation
- Digital modeling/data science
- Smart sortation: ICT, E3D – FLEXLINK

Auto & Tire

- Material movement, RA motors demo
- E2E battery solution, Battery demo
- Digital Tire, XT Tire, Tire demo, Kalypso/MES/APM
- Tier 1 PLEX QMS demo, Cybersecurity
- AR/VR with car

Water & Wastewater

- Smart Water/Digital Operations
- Reliability & Lifecycle Services: IBE, CSM services, Fiix CMMS demo,
- Secure/Remote operations: (NSS) , FT Remote Access

Mining and Metals

- Optimized processes: Unified control, power, devices & MPC
- Reliable assets: AR ball mill experience & APM
- Raw material to market: MOM (Mining Operations Management) & sustainability / W.A.G.E.S. interactive (for metals)

Oil & Gas

- Partnering with Sensia to achieve ESG goals
- RA + Sensia complete end-to-end solutions from reservoir to refinery
- Automated operations to optimize well and field productivity

Chemical

- Digital solutions for ESG goals
- Digital tech to improve operator and maintenance efficiency
- Batch manufacturing from lab to end product

Industry Solutions - NEW

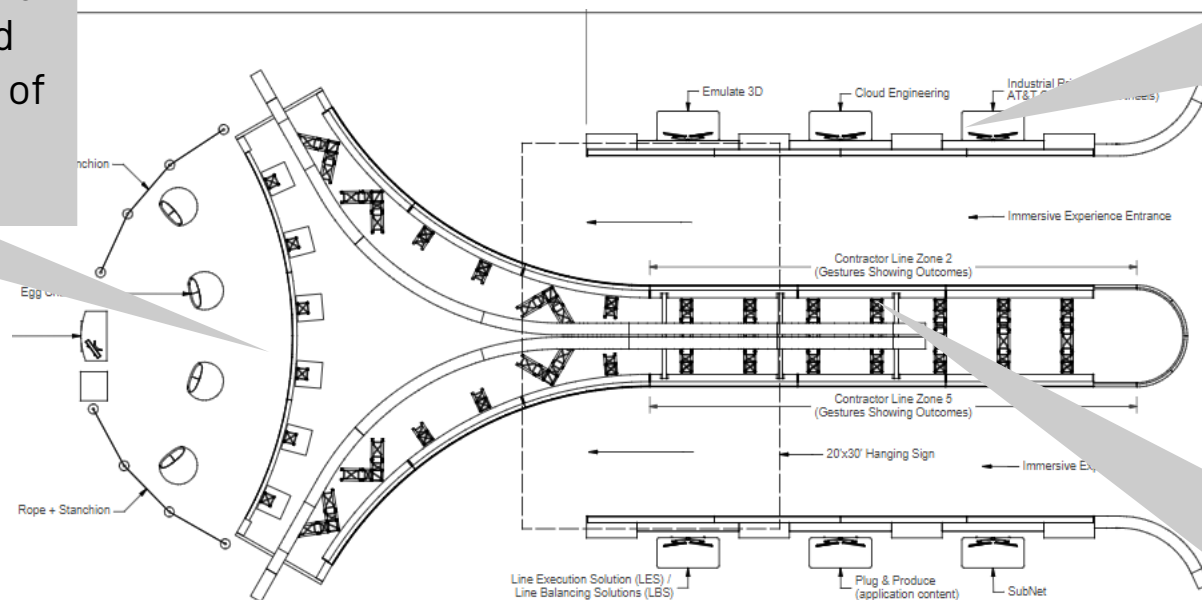
Life Sciences

- Flexible Manufacturing: Pharma plant interactive
- Speed to market: PAT, tech transfer
- Med Device: Kalypso solutions

Innovations Booth Content

See how Rockwell Automation connected our own operations with a digital thread. You'll see connections between what we're launching today and where we're headed in the future. Experience virtual reality designed to enhance industrial operations. Talk to our experts and explore how the latest in automation technology can help your operations deliver results today and take a peek into the future.

Experience results achieved with our own contactor line through a digital twin. Take a VR tour and experience firsthand the value of a digital twin and outcomes achieved



Talk to experts around current and future developments where Rockwell continues to innovate to help customers achieve results today and into the future

In this immersive experience you will see the contactor line in action. Utilizing gesture technology, you will be able to interact with the contactor line and expose results achieved around the 5 customer outcomes



**Rockwell
Automation**

Automation Fair Preview

Secure content delivery to every user, device and location

Centrally manage the secure deployment of your industrial applications to devices and users based on their role, their location in the facility and at the time an event occurs

Content Types

Remote Desktop
Server Applications



VNC Server
PanelView™ Plus,
PanelView™ 5000



Terminal Shadow



Web Content



IP Cameras
USB Cameras



Configuration



Management



Container Images



Hardware

Delivery

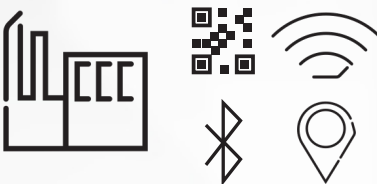
DEVICES



USERS



LOCATIONS



EVENTS



NEW IN V13!

Events can be internal to ThinManager® or from external sources and trigger a wide variety of actions

ThinManager® Logix PinPoint

Portfolio Integration with FactoryTalk® View SE, Studio 5000® & ControlLogix®



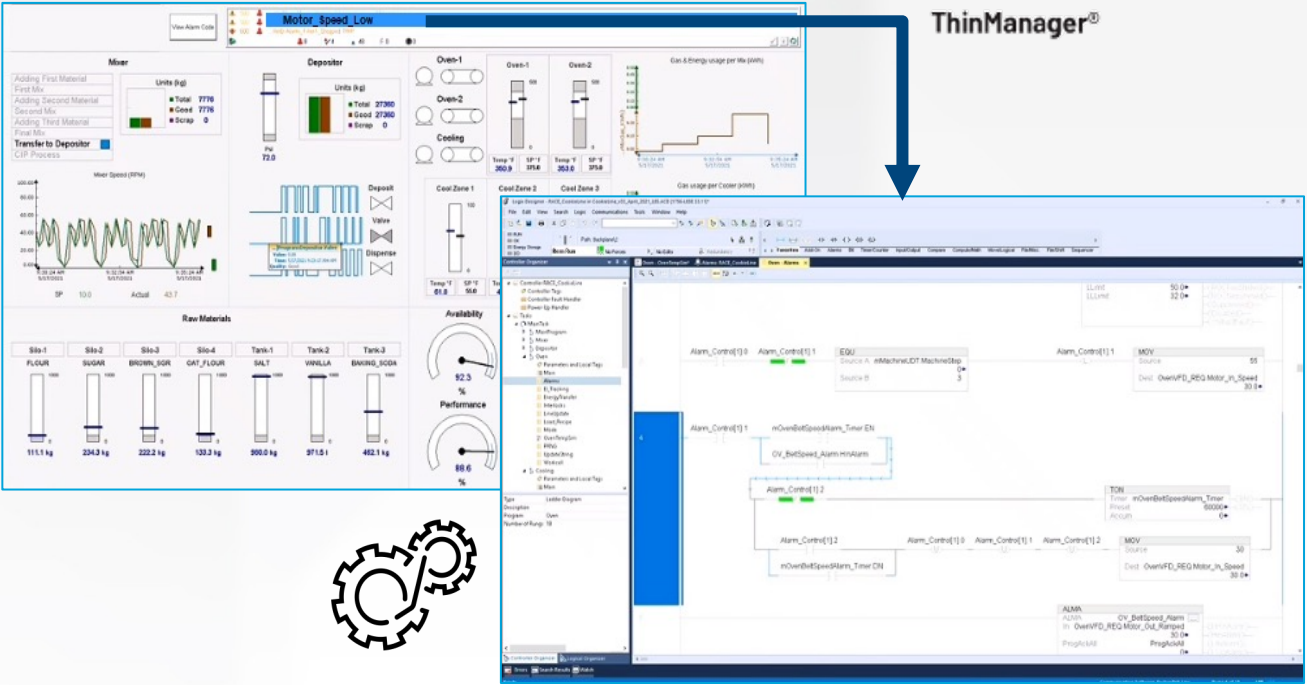
View SE



Coming soon!

Automatically view alarm triggers within Logix code

Easily train new employees with little to no coding knowledge



 **Design Studio™**

 **Optix Studio™**

 **Twin Studio™**

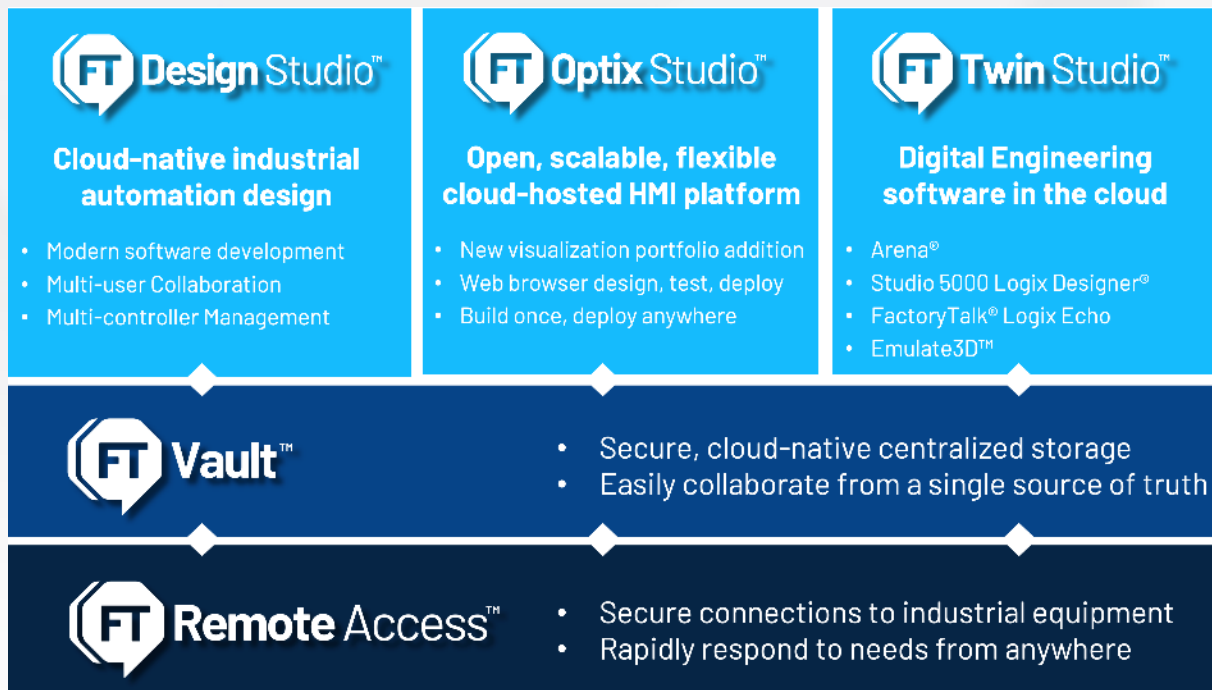
 **Vault™**

 **Remote Access™**

 **Design Hub™**



Design Hub™ Ecosystem



FactoryTalk® Design Hub™

- On-demand platform that provides you and your customers design automation systems that:
 - Reduce risk
 - Accelerate schedules
 - Enable better agility
- FactoryTalk® Design Hub™ uses the cloud to:
 - Increase scalability
 - Reduce capital & maintenance expense
 - Deliver new tools that increase productivity



Available
Now

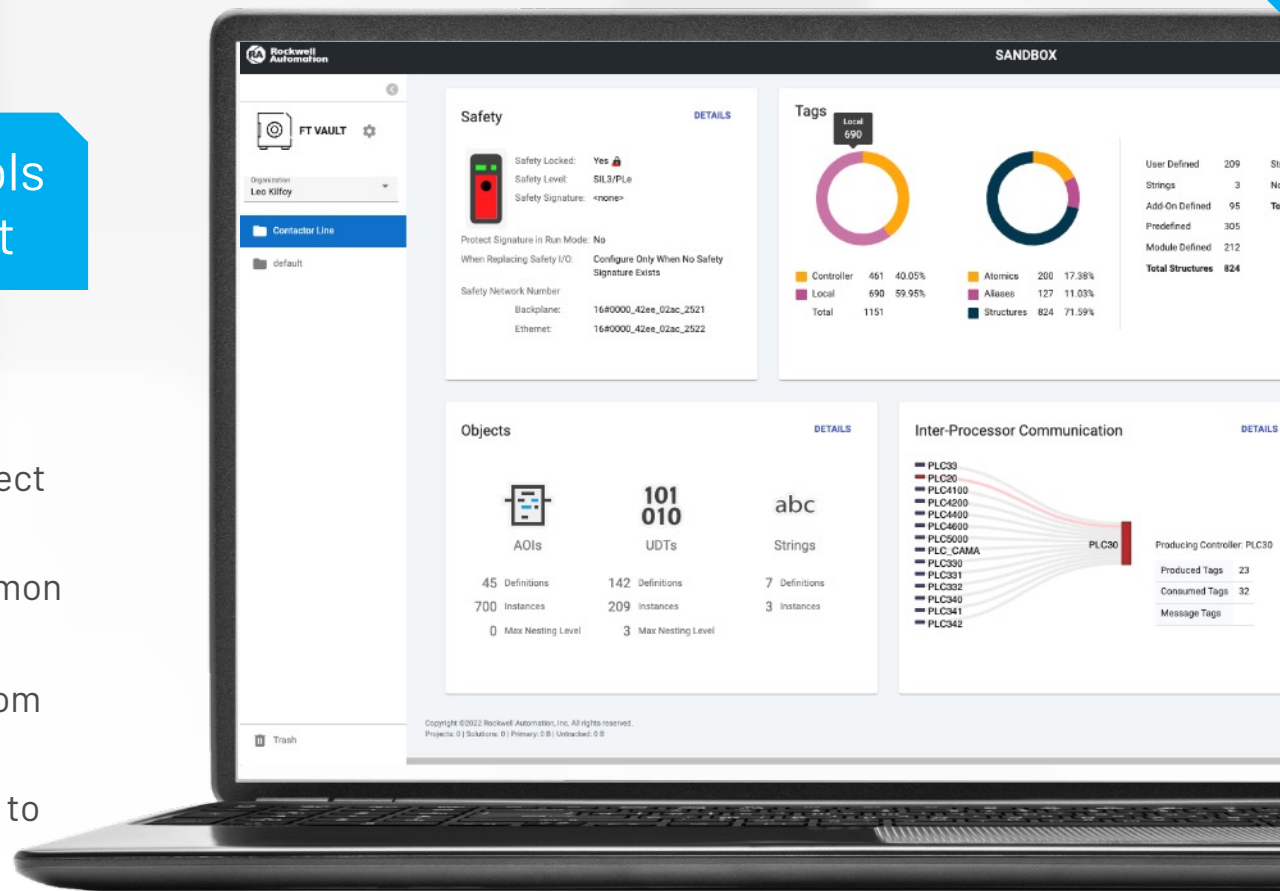
Design better together with a secure, cloud,
centralized file storage platform

Cloud-Based Team File Repository

- Collaborative file sharing across your Team
- Centralize Storage providing a Single Source of Truth
- Role-Based Access Control to Control who can view/download/change
- Precise Version Control to know that you are always on the latest version
- Project History to know who changed what and when

Integrated Design Tools provides File Context

- Project Analysis provides in-depth analysis
- Upgrade one or multiple project files
- File Type Conversion to common industrial formats
- View Control Files directly from your browser
- Visually Compare file version to better understand changes made



Cloud-native, software-defined industrial automation design

Modern

- Reduce development time with proven workflows
- Improve reuse management and mass creation
- Remove maintenance and access burdens



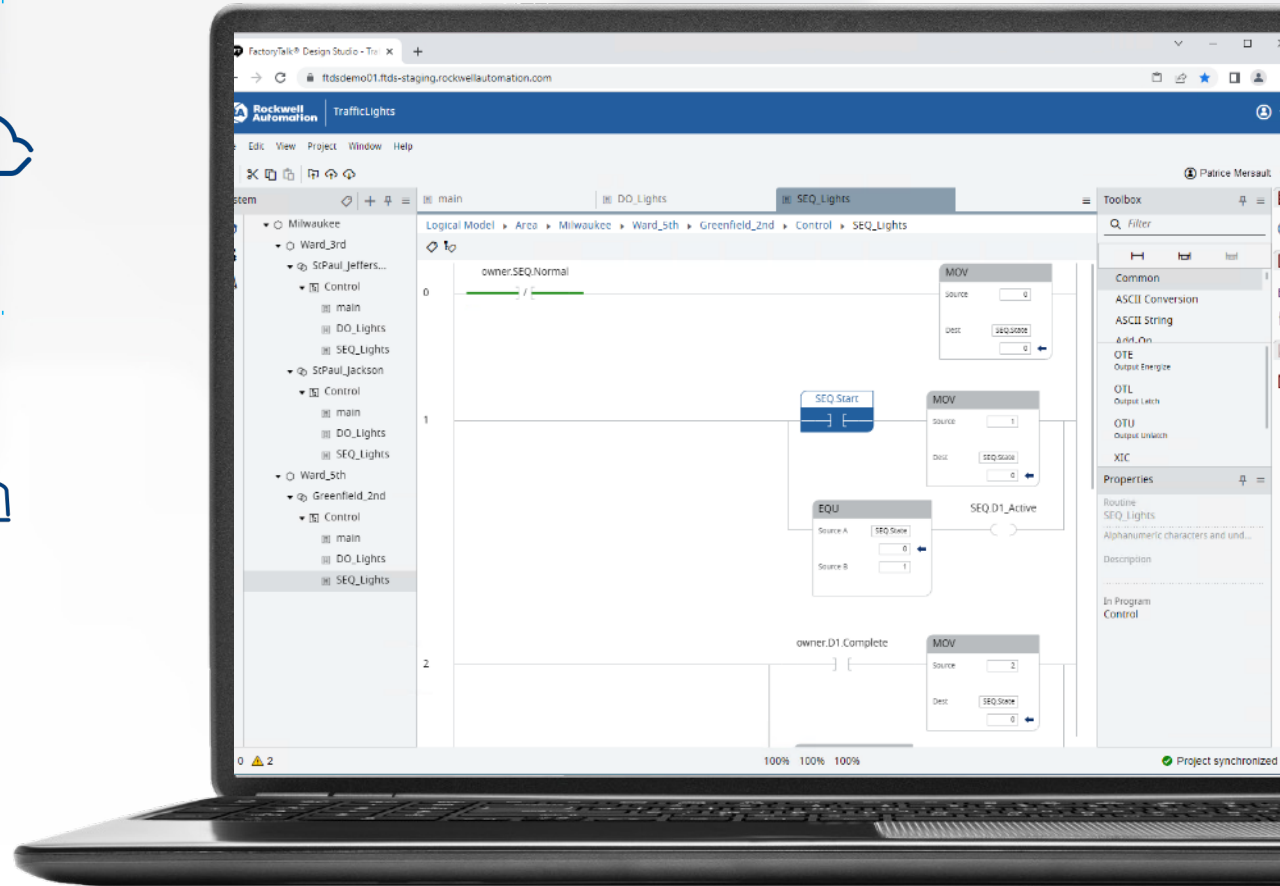
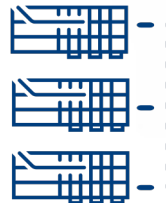
Multi-user

- Automatically merge edits from multiple users
- Monitor and approve any project changes
- Develop in text and deliver graphically



Multi-controller

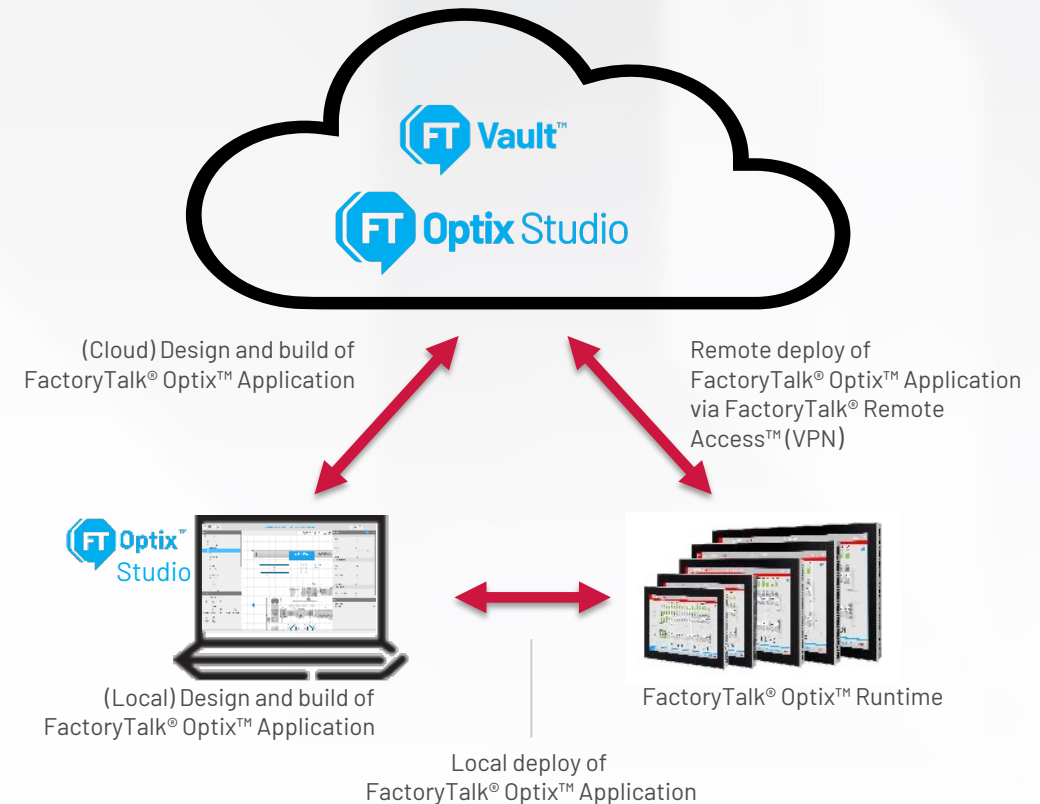
- Configure and manage all devices in one place
- Connect to multiple firmware revisions
- Deliver a system model abstracted from hardware



FT Optix™

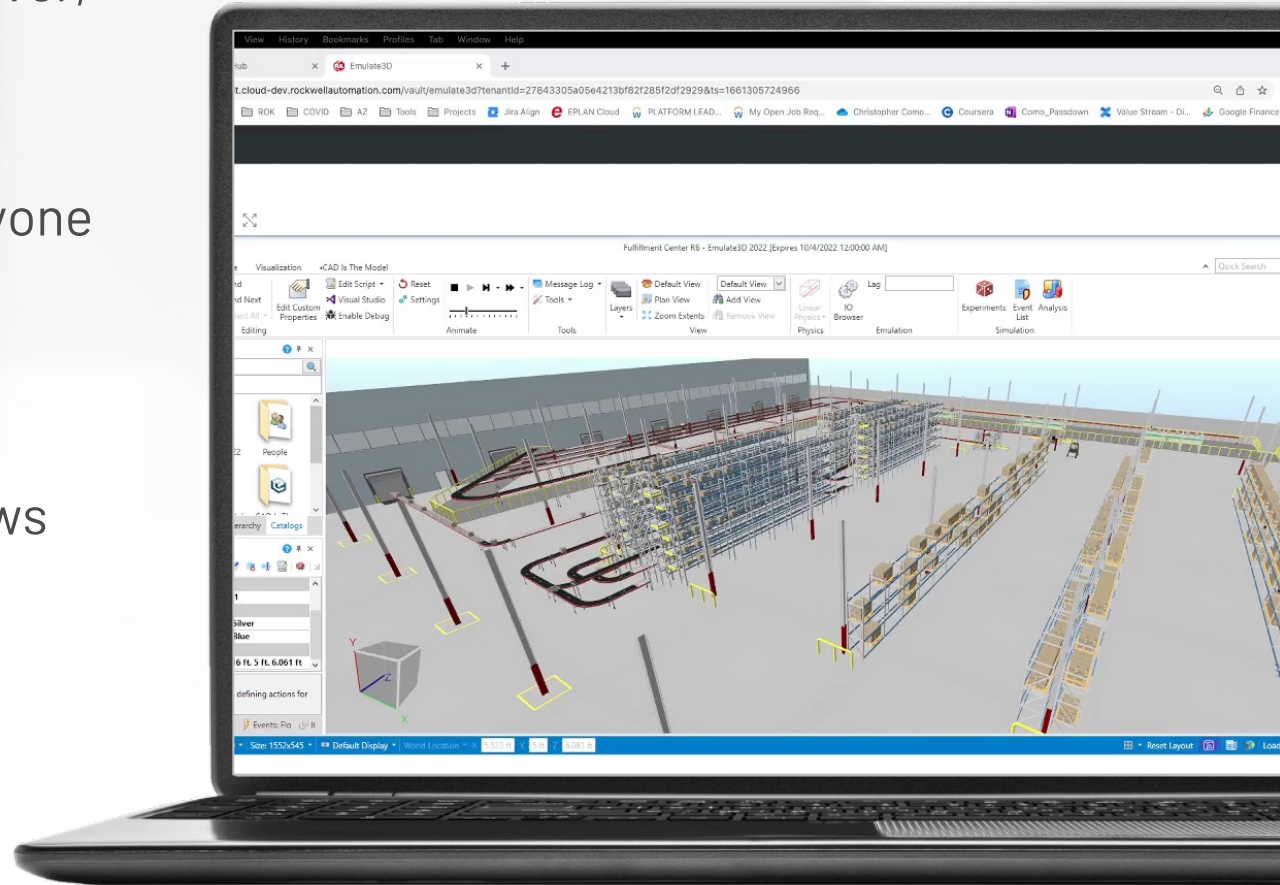
An open, scalable, flexible, visualization platform

- Modular deployment – uses only the components needed to run the project
- Responsive graphics – detects screen size and adapts layout accordingly
- Multi-user collaboration – using a web-based designer in the cloud
- Version control – using industry tools such as FactoryTalk® Vault™ and GitHub
- Open architecture – fully extensible with C# programs
- Remote management – update and maintain projects online
- Third-party support – built-in connectivity to non-Rockwell Automation devices
- Internet of Things connectivity – support for smart manufacturing and Digital Transformation
- Scalable platform – The same application can be deployed to a closed panel, Station, or Distributed architectures
- OPC UA is core to the platform – enable machine-to-machine communication or machine-to-cloud communication



On-Demand Design, Simulation and Emulation Capabilities

- Access design tools from your web browser whenever, wherever you like
- Collaborate on a common model
- Sync with FactoryTalk® Vault™ to ensure that everyone is always using the latest version
- Validate upgrades and changes and virtually commission your system
- Scale compute resources as your model/team grows
- Scale development expense to actual usage



FactoryTalk® Remote Access™

Securely Access Automation from Anywhere

Available
Now

- Directly access machines, controllers or HMI from anywhere, anytime using a remote access VPN
- Enable SIs or OEMs to connect to their customers to troubleshoot equipment or remotely train equipment customers without being onsite
- Remote connections support remote desktop, chat
- Uses industry standards for cybersecurity



FactoryTalk® Remote Access™
Manager

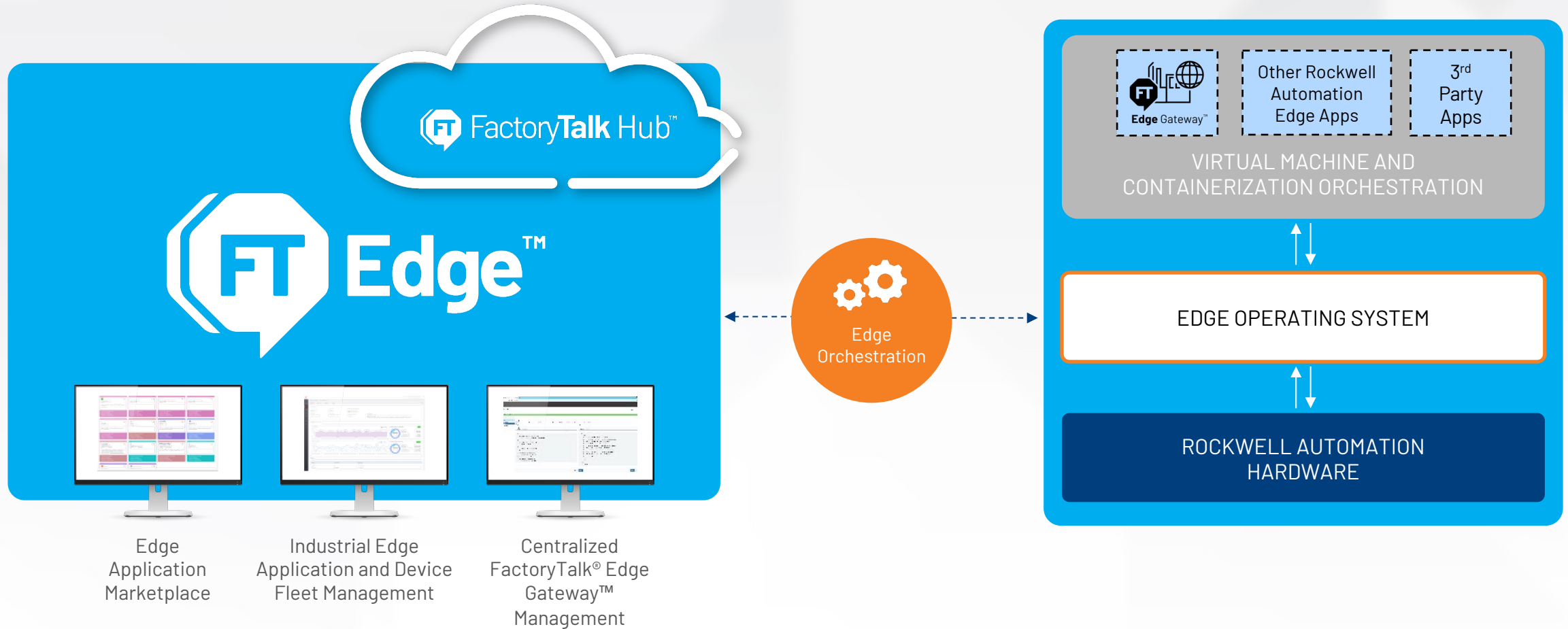


Stratix® 4300 Remote Access Router

FactoryTalk® Remote Access™
Runtime

FactoryTalk® Edge

SaaS for edge management, orchestration, and application deployment



FLEXHA 5000™ I/O platform details

- Standard and safety (SIL 3) I/O
 - Single channel SIL 3
 - Standard and safety can be intermixed on common rail
 - Modules can be used in both a simplex or duplex configuration
 - 48 and 96 channel solutions, each adapter pair can support up to 24 modules
 - High availability architecture – redundant:
 - Network adapters
 - Power
 - Backplane
 - I/O
 - Wiring is NOT disturbed when replacing a module or base
 - Removal and insertion of module under power (RIUP)
 - Ability to add and remove modules during runtime
 - Z-insertion and removal of all components
 - Horizontal and vertical mounting
 - Extended temperature range (-40 to 70 C)
 - Copper and fiber port connections
- DCS focused I/O delivering:
- Universal I/O availability
 - Diagnostics
 - Current sourcing
 - Analog HART support
 - Channel isolation
 - PRP and DLR support for PlantPax® systems
 - Fault tolerant connections to each adapter with concurrent communications



FLEX 5000 portfolio

FLEX 5000® I/O

- Single I/O platform with standard and safety I/O (fail-safe) for process applications
- Reduces engineering through tight integration with the PlantPax® 5.0 system
- Designed for Hybrid & Process Industry



FLEXHA 5000™ I/O

- Fault-tolerant I/O platform development for critical process applications
- Reduces engineering through tight integration with the PlantPax® 5.0 system
- Designed for Process Industry



Industries

-○ Oil & Gas
-○ Power Generation
-○ Metals
-○ Mining
-○ Chemical
-○ Life Sciences
-○ Machine Safety & Process Safety

Automation Fair Preview

The Rockwell Automation exhibits will showcase the newest in hardware, software and services.

Here's a preview of what will be featured!

Hardware

140G Through the Door Rotary Operator

141C IEC Starter Mounting Systems

42EA RightSight™ S18 Photoelectric Sensors

432ES GuardLink® to EtherNet/IP Adapter

450L Perimeter Access Control (PAC) GuardShield™ Safety Light Curtain

58RF UHF RFID Sensor

59RF HFRFID with IO-Link Sensor

700-FE Economy Timing Relays

700-FS DIN Rail High-performance Timing Relays

700-HL Next Generation Terminal Block Relays

Armor PowerFlex® Drive

ArmorBlock 5000™ I/O

ArmorKinetix™ Distributed Servo Drive

ASEM™ 6300B Industrial Box PC

ASEM™ 6300M Industrial Monitor

ASEM™ 6300P Industrial Panel PC

ASEM™ 6300T Dual Display Port Thin Client

CompactLogix™ 5370 Controllers

Compute Module Series B

Embedded Edge Compute

FLEX 5000® I/O

FLEXHA 5000™ I/O Module

GuardLogix® 5580 XT Programmable Automation Controller

Micro850® Programmable Logic Controller

Micro870® Programmable Logic Controller

OptixPanel Graphic Terminals

PowerFlex® 755TR Liquid Cooled Drive

PowerFlex® 755TS Drive

Profinet Option Card for PowerFlex® 520-series Drives

QuickStick® 150 Intelligent Conveyor System

Stratix® 5200 Switch

Automation Fair Preview

The Rockwell Automation exhibits will showcase the newest in hardware, software and services.

Here's a preview of what will be featured!

Software - Cloud

FactoryTalk® Design Studio™
FactoryTalk® Edge
FactoryTalk® Optix
FactoryTalk® Remote Access™
Solution
FactoryTalk® Twin Studio™
FactoryTalk® Vault™ with Design Tools
Fiix CMMS Software
Plex Asset Performance Management
Plex MES
Plex Production Monitoring
Plex Quality Management System

Software

Connected Components Workbench™
Version 21.00
FactoryTalk® Logix Echo Version 2
FactoryTalk® Motion Analyzer
Rockwell Automation Industry
Solution - Batch Performance
Analytics
Studio 5000 Logix Designer® Version
35
ThinManager® Logix PinPoint

Services and Solutions

Endpoint Detection Services
Incident Response Retainer
Managed Threat Detection Services
My Equipment Digital Services
PlantPAX® 5.20
VersaVirtual™ Appliance Series B



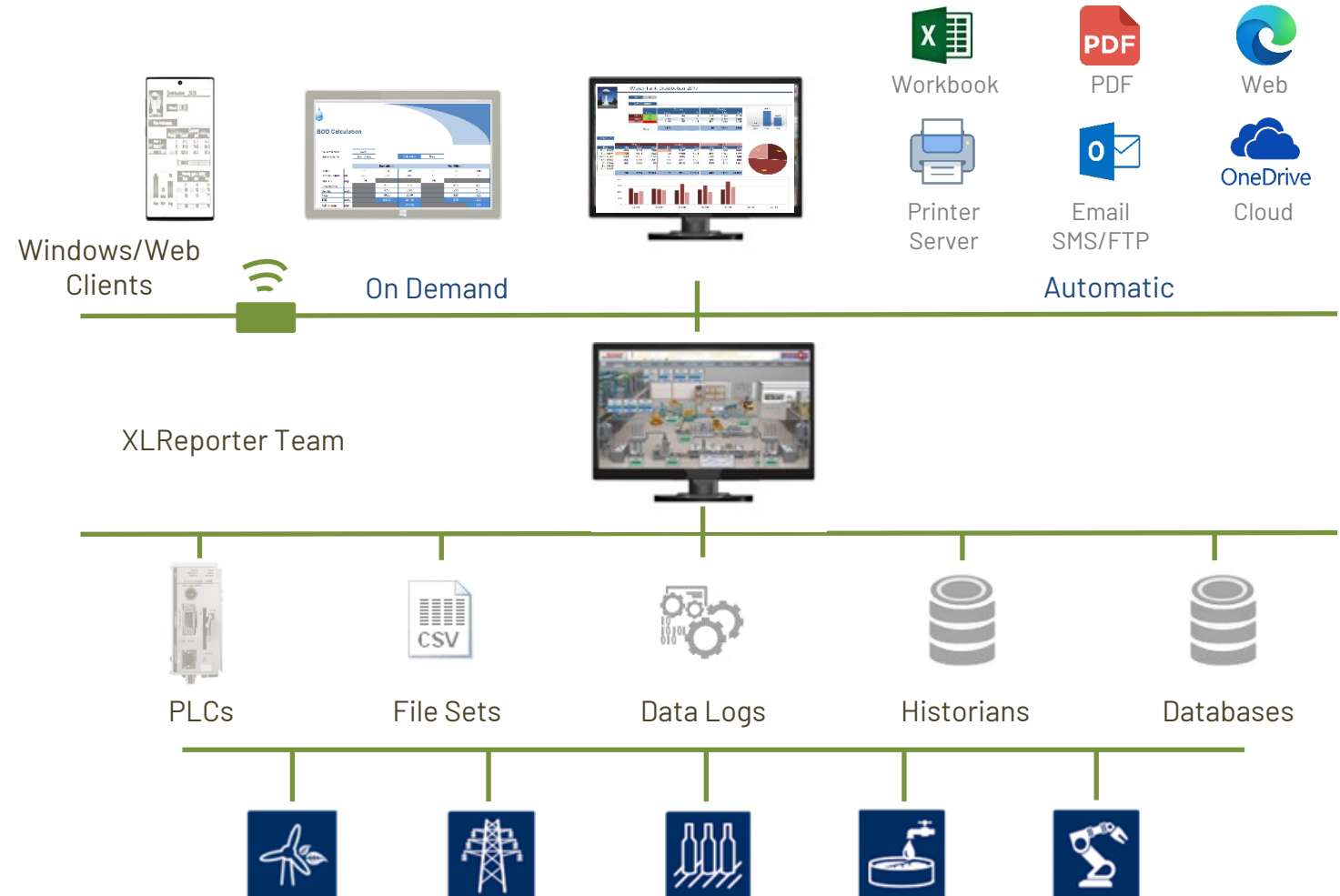
**Rockwell
Automation**

Technology Partners

XLReporter: Measure. Analyze. Improve.

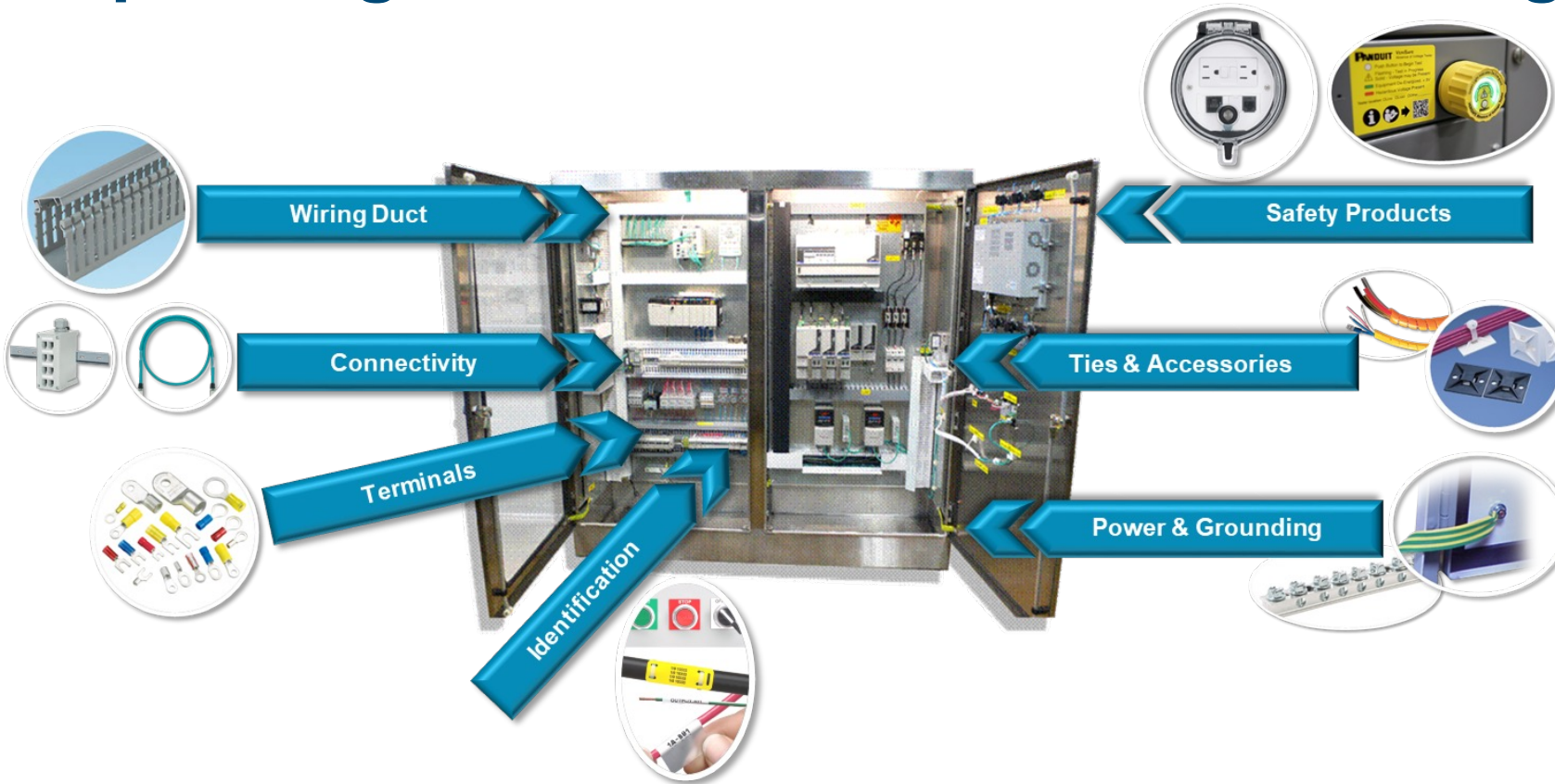


- For All Rockwell Users
 - PLC (no database/historian)
 - FactoryTalk View ME and SE
 - FactoryTalk Historian SE
 - FactoryTalk Alarms & Events
- Straightforward Licensing
 - Perpetual License, Not SaaS
 - No limits on Tags, Reports
 - Dedicated in-house support
- Features beyond Reporting
 - Manual Data Entry
 - 21CFR 11 Features
 - ISA 18.2 Alarm Reports



PANDUIT - Automation Fair 2022 - Chicago

Expanding Panduit's Control Panel Offering

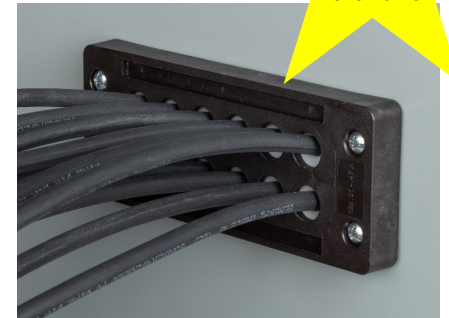


- Cable entry systems provide safe, organized cable entry into enclosures & electrical equipment
- Secure cables & provide strain relief while maintaining enclosure UL/IP/NEMA ingress sealing ratings

Cable Entry Systems



NEW
1/2/2023



For cables with &
without connectors

PANDUIT - Automation Fair 2022 - Chicago

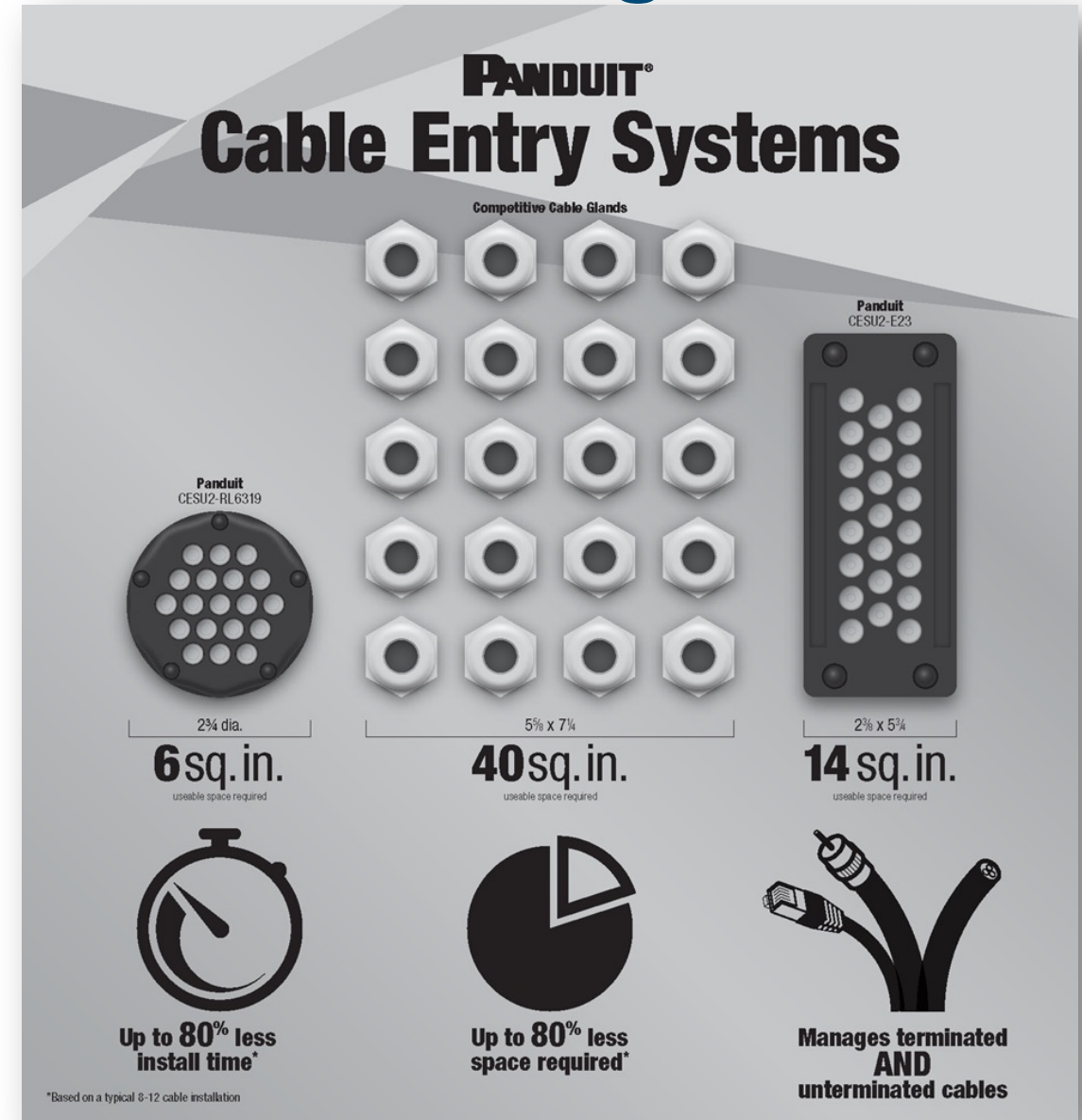
Lowest Total Installed Cost Solution

Vs cable glands:

- Up to 80% less install time
- Up to 80% less space required
- Glands generally manage unterminated cables; CES manages both terminated & unterminated
- Extra CES holes in same footprint for future cabling moves, adds & changes



www.panduit.com/cable-entry-systems

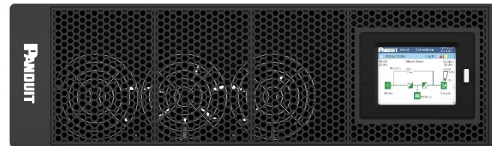


Similar cable count comparison

PANDUIT - Automation Fair 2022 - Chicago

Electrical -

- Ferrules/Tools/Terminals
- VeriSafe 2.0
- PXE Printers - Mobile Printing Systems
- CES (Cable Entry System) launching January 2nd



Network Infrastructure -

- Industrial Fiber
- Industrial Copper
- Single Pair Ethernet
- 4-post rack, which will feature traditional Enterprise copper solutions – cable, jacks, patch cords, plugs, and patch panels (including RapidID)
- Adjustable 4-post rack,
- PatchRunner 2 vertical cable managers
- Micro Data Center
- UPS (Uninterruptible Power Supply)
- IDF (Industrial Distribution Frame)
- TrueEdge Wall Mount Enclosure
- Control Panel solutions – including Cable Entry System (CES)

We will also have Industrial Services in the booth, and we will be promoting CPwE, which is Converged Plantwide Ethernet – a consortium of Panduit, Cisco, and Rockwell, with pre-designed architectures for industrial environments.

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