

FactoryTalk® Optix™ High-Level Roadmap

PUBLIC - August 2025



RA | The FactoryTalk® Optix™ Platform

SCALABLE



FactoryTalk Optix for SCADA¹

- System configuration and monitoring
- Cloud-hosted deployment
- Remote management and deployment

¹Initial offering available in 2026



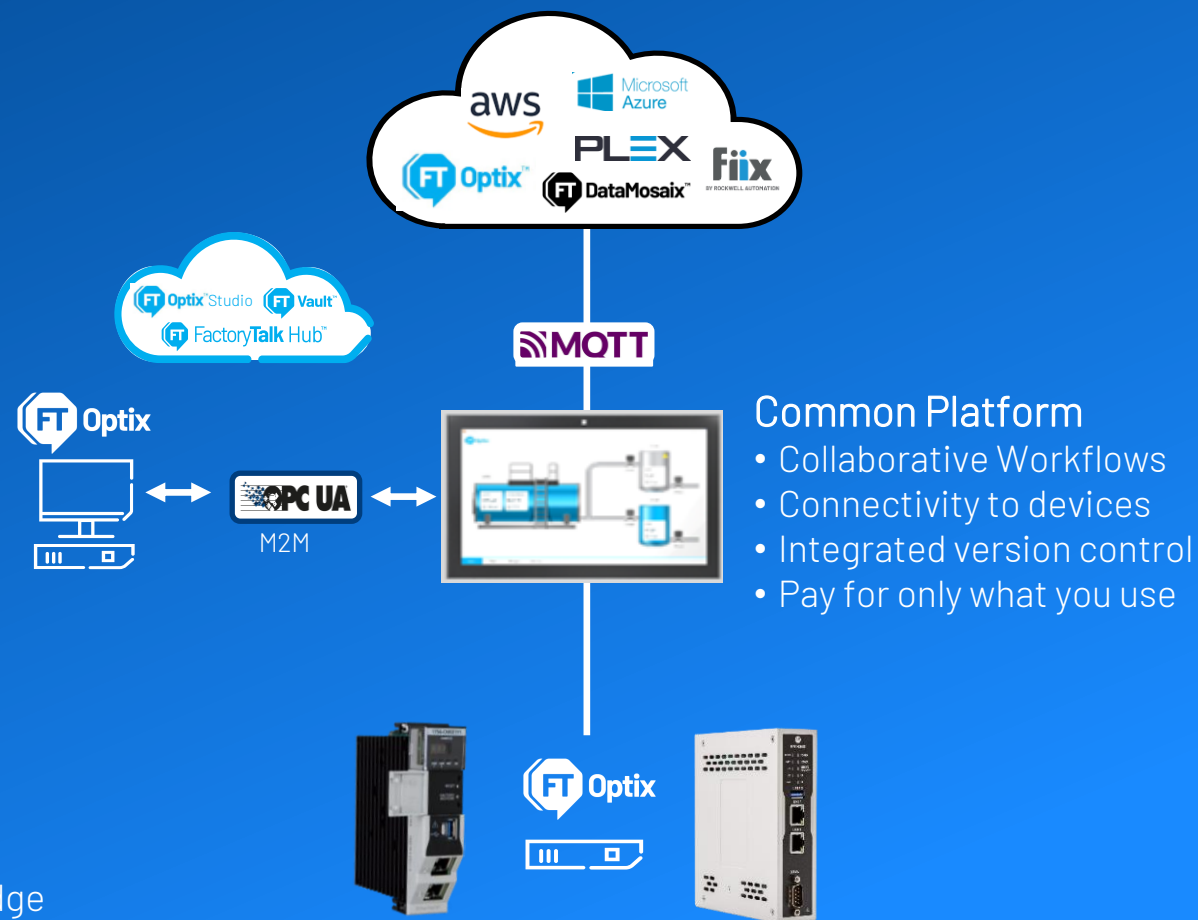
FactoryTalk Optix for HMI

- Responsive Graphics
- Embedded and Station deployment
- 3rd party Drivers
- OPC UA machine-to-machine



FactoryTalk Optix for Edge

- IOT connectivity, MQTT
- Smaller, purpose-built applications
- Embedded runtime devices: LEEC, OptixEdge



| FactoryTalk® Optix™ Program Priorities



Core Capabilities

Core product capabilities that create a strong and sustainable platform for core automation visualization and edge applications.



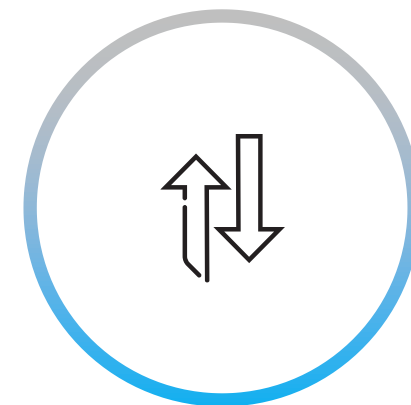
Expanded Architectures

Support for integrated hardware, larger distributed architectures, process systems, remote control, and cloud-based operations.



Digital Design Experience

FactoryTalk® Hub™ integrated workflows for a cohesive customer experience when building a system using SaaS-based design tools.

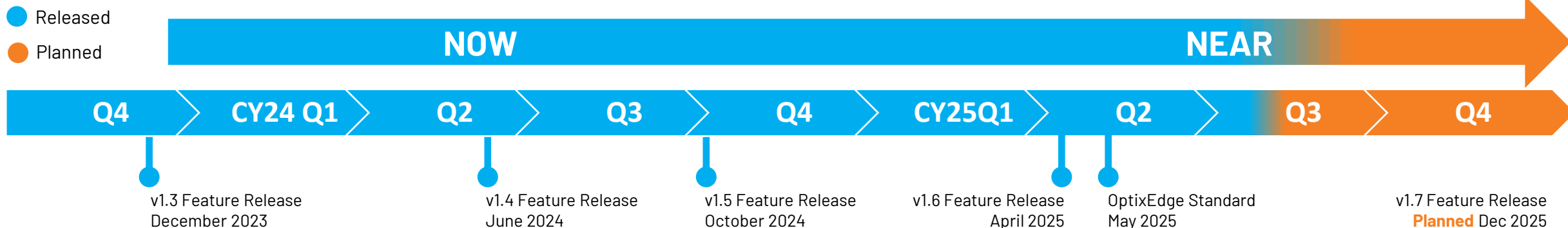


Data Connectivity

Robust edge connectivity and application platform to enable data and analytics with core operations data.



FactoryTalk Optix High-Level Summary : NOW, NEAR, NEXT



- Design enhancements for graphics, trends, and charts
- Localization in 8 languages + English
- Web UI performance improvements
- Runtime support for Linux OS and containers, with preferred deployment vis ThinManager 14.1
- Rockwell delivered libraries, with PlantPAX 5.20 library
- Preferred Logix connectivity with alarming, tag properties, support for Logix-based Smart Objects
- OPC/UA Structures
- MQTT enhancements and custom payloads
- Build and deploy via CLI
- Custom Virtual Keyboards, ScrollView position, screen styles
- FT Hub – Toolkits, Trial entitlements

- Expanded recipes and new ListView
- DPI and Min Sizing for responsive designs
- Drop shadows, Image tiling and Textbox wrap/trimming
- Performance improvements:
Web UI, Alarm widget, and general application.
- Template Library folder merge and enhancements
- User-Defined Templates and Git enhancements
- Support for FTDS projects and controllers
- Preferred Logix connectivity:
Block reads/batch writes, Struct to Struct binding
- PowerFlex drives, FT Historian SE and FTAC support
- MQTT enhancements, including Store & Fwd
- Security enhancements, LDAPS, Oath 2.0 on WebUI, Siemens, Codesys and Beckhoff



FactoryTalk Optix High-Level Summary: NOW, NEAR, NEXT

● Released

● Planned

NEXT 2 YEARS

SCADA Introduction

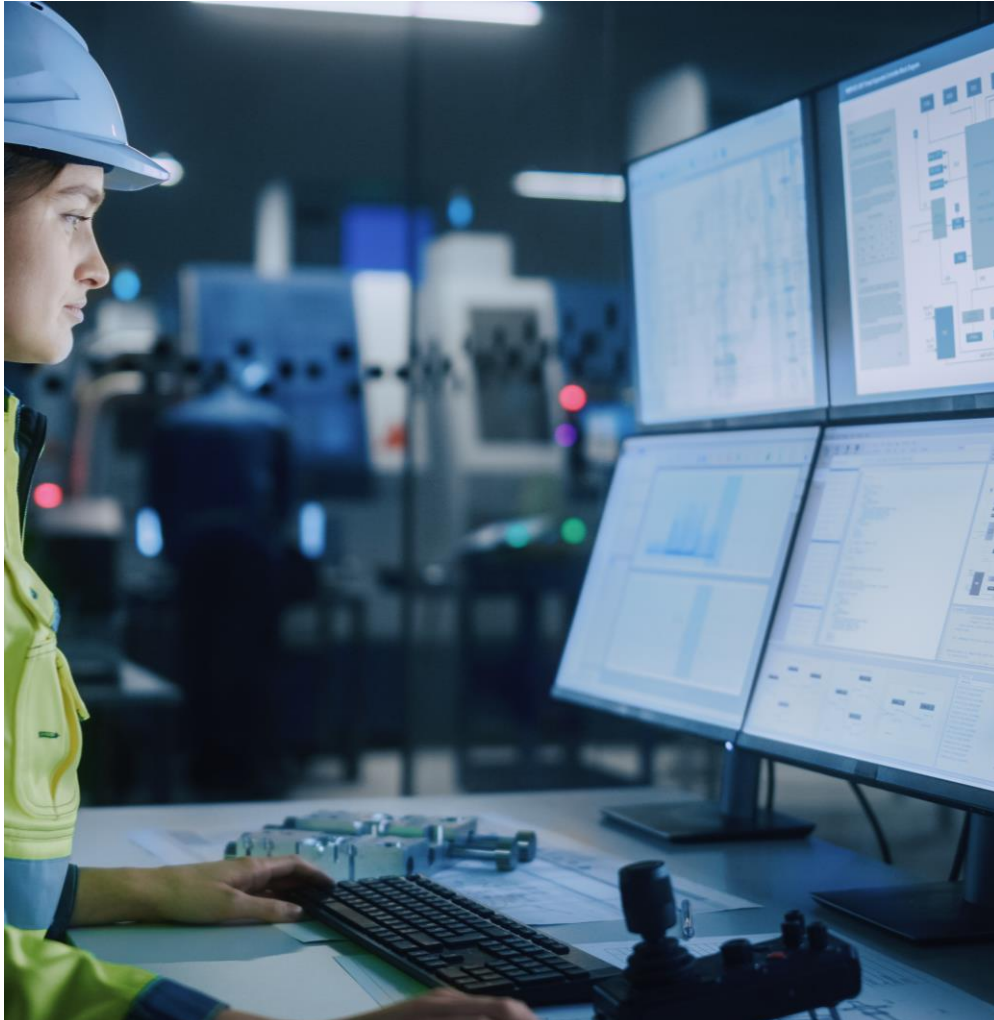
- Redundancy - supervisory
- Workstation clients
- User management and permissions
- FT Policy Manager / Certificate management
- Centralized diagnostic and audit logs
- Git branching and merging
- Improved Logix connectivity
- OPC/UA and MQTT enhancements
- Co-Pilot for Design

SCADA Expansion

- Multi-node system configuration
- Multi-node system monitoring - Live System View
- Multi-node system deployment and management
- Centralized system management of HMI content and data
- Centralized alarm management
- Mobile client options
- Subscription and private cloud deployment options
- Improved Logix connectivity
- Co-Pilot for Runtime



EVOLVING TO SUPPORT LARGER MULTI-NODE ARCHITECTURES



System monitoring

Scaled performance and high availability. Monitor the status of lines, machines, and devices across the system.

Shared security and user management

Centralized and propagated security permissions to prevent unauthorized access to remote sites

Secure communications

Managing cloud to remote site communications for machine control performance, latency, disconnects

Remote management

Manage the system topology, update applications and components.



Flexible deployment options



Select the optimal platform for performance, functionality and openness



Thin Clients & Industrial PCs

Use when you need...

A high-powered, open compute platform for hardware and software expandability



On-Machine Industrial PCs

Use when you need...

A self-enclosed IP65 industrial PC with optional configurable buttons



Sealed/Closed HMI terminals

Use when you need...

A sealed, firmware-based visualization appliance at a low total cost of ownership



Headless terminals

Use when you need...

An edge device that connects to your control system to collect, analyze, and send data to the cloud



| Release Information

Ask your Rockwell or Distributor representative for more details!

FactoryTalk Optix V1.6

- [Overview presentation](#)
- V1.6 release system demo [recording](#)

FactoryTalk Optix V1.5

- [Overview presentation](#)
- V1.5 release system demo [recording](#)

FactoryTalk Optix V1.4

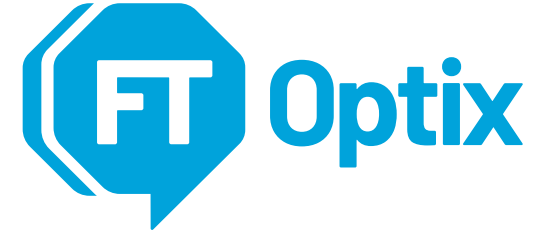
- [Overview presentation](#)
- V1.4 release system demo [recording](#)

FactoryTalk Optix V1.3

- [Overview presentation](#)
- V1.3 release system demo [recording](#)

FactoryTalk Optix V1.1 & 1.2

- [Overview presentation](#)



[FactoryTalk Optix Launch Kit](#)

[Quarterly Release System
Demo Seismic page](#)

These links are available internally to Rockwell users and Distributors.



FactoryTalk Optix continuous webinar series

On-demand and live options to fit your schedule



Revitalize Your HMI 3-Part Webinar Series ON DEMAND



WEBINAR
Part One: Design & Collaborate Webinar
Today's digital landscape is evolving rapidly. HMI design engineers need new tools to quickly create intuitive visualization so operators can leverage plant floor data to enable the enterprise. This is where a modern HMI software platform with collaboration tools comes into play. These tools offer comprehensive project visibility within a collaborative design environment so designers can work in teams to maximize productivity.
Speakers:
Paul Halikal - Commercial Portfolio Manager, Rockwell Automation
Chad Dale - Technology Consultant, Rockwell Automation
Date & Time: On Demand - Register and watch it now



WEBINAR
Part Two: Deploy Applications at Scale
Once FactoryTalk Optix users have leveraged its powerful features to build their applications, the next step is to deploy them out to the field devices. This can be done locally via USB drive or through a LAN, but with FactoryTalk Remote Access you can also connect to Rockwell Automation's cloud infrastructure to remotely and securely deploy your application via VPN anywhere in the world. In this webinar we'll provide you with a detailed coverage of FactoryTalk Remote Access and our seamless continuum of deployment options, including ASEM 6300 Industrial PCs, OptixPanel HMI terminals and Embedded Edge Compute modules. We'll also talk about how FactoryTalk Optix flexible runtime licensing containerized deployment gives you a real competitive advantage.
Speakers:
Al Letourneau - Product and Marketing Manager, Rockwell Automation
Jessica Morell - Remote Access Product Manager, Rockwell Automation
Date & Time:
May 8, 2024 - 10:00:00 AM CT (5:00:00 PM CET)



WEBINAR
Part Three: Operators Empowered

- Remote access tools allow the timely flagging of issues and the notification of maintenance.
- Out-of-box standardized content ensures consistency across machines and supports simplified operator training, safety, and troubleshooting and maintenance.
- Collect, contextualize and deliver relevant data to operators to enable faster decision-making, minimize downtime, and maximize machine efficiency.

Speakers:
Paul Halikal - Commercial Portfolio Manager, Rockwell Automation
Mark Hobbs - Software Senior Product Manager, Rockwell Automation
Date & Time:
August 14, 2024 - 10:00:00 AM CT (5:00:00 PM CET)

Maximize Your HMI Potential 3-Part Webinar Series Register at rockwellautomation.com

Modernization Strategies for Success

- April 2, 2025 – Elevate Operations with Cutting-edge HMI Features
- May 8, 2025 – Operational Efficiency through Machine Equipment Data
- June 24, 2025 – Supplement your DCS

Digital transformation, edge-to-cloud and modernization are important concepts to recognize when developing a forward-looking strategy for your automation system.





Thank you

www.rockwellautomation.com

