



expanding **human possibility**®

FactoryTalk® Design Studio™

Cloud-native, software-defined industrial automation design

JANUARY 2025



PUBLIC



Cloud-based, software-defined industrial automation design

MODERN



Development functionality
to build and deploy
faster

MULTI-USER



Collaboration tools
supporting scalable teams
and varying skill sets

MULTI-CONTROLLER



Support for all devices
providing context across
the entire system

INTEGRATED GENERATIVE AI

Drive breakthrough productivity using the integrated copilot for code generation, code explanation, troubleshooting, and product guidance

AVAILABLE ANYTIME, ANYWHERE

- Browser-based, no download/install
- FactoryTalk® Hub™ integrated
- SaaS delivered, no patching/updating

INTEGRATED VERSION CONTROL

- Project change history
- Text-based change comparison

MULTI-USER COLLABORATION

- Shared projects & local projects
- Auto-merge changes from other users
- Detect & resolve conflicts

CLOUD-TO-EDGE COMMUNICATION

- Secure end-to-end workflow for design to deploy
- Use FactoryTalk® Remote access to download to FactoryTalk® Logix Echo, ControlLogix, or CompactLogix controllers



LOGIX PROGRAMMING

- Ladder Diagram Editor & Tag Editor
- Text-based Code Editor
- Routine-scoped tags

MULTI-CONTROLLER SUPPORT

- Logical system modeling
- Hardware abstracted design
- Multiple controllers, single project

INTEGRATED LIBRARY MANAGEMENT

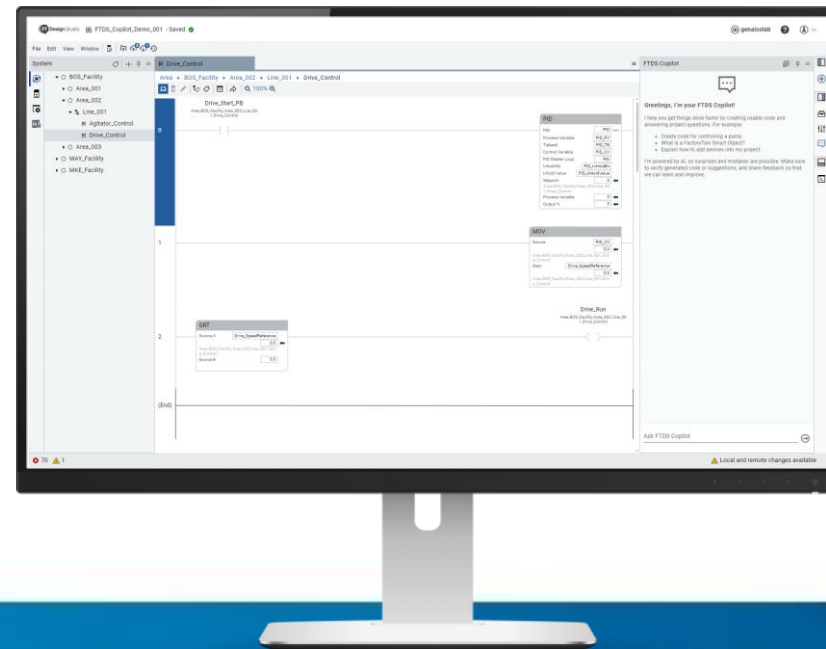
- FactoryTalk® Smart Objects, AIOs, UDTs
- Definition and instance inheritance

AI-POWERED DESIGN



Design Studio™ Copilot

Driving Breakthrough Productivity with Generative AI



PRODUCT GUIDANCE

Answers questions about product functionality and guidance on errors

PROJECT GUIDANCE

Answers questions about your project, including project and code summaries and device information

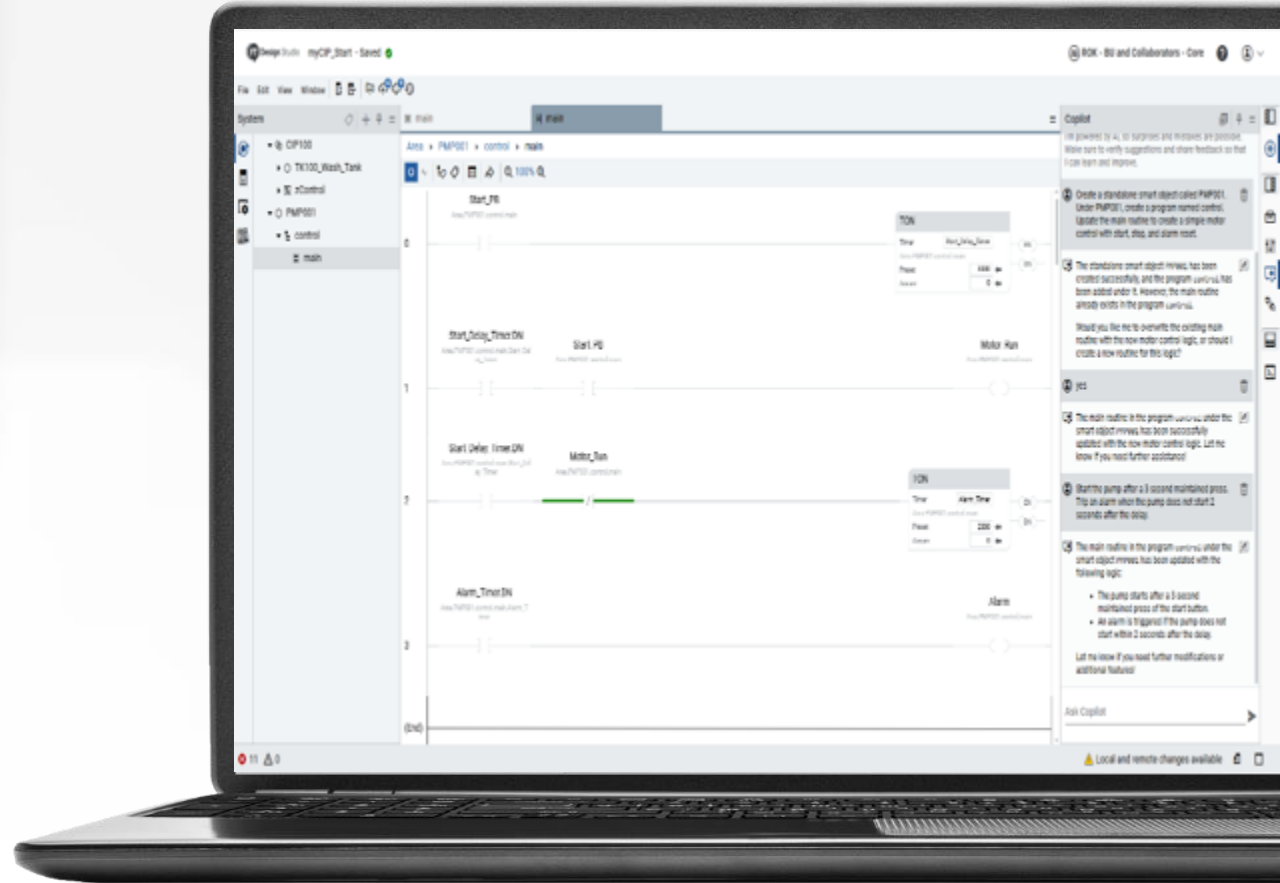
PROJECT CREATION

Use natural language prompts to create project content, generate ladder logic code, and add comments to existing code

Design Studio™ Copilot

1. **Accelerates onboarding** by guiding new customers through product features without external help.
2. **Simplifies troubleshooting** by helping customers understand and resolve errors quickly.
3. **Automates system development** by using natural language prompts to model systems and generate PLC code.
4. **Enhances system understanding** by delivering project insights to navigate program logic.

Driving breakthrough productivity
with **Generative AI**

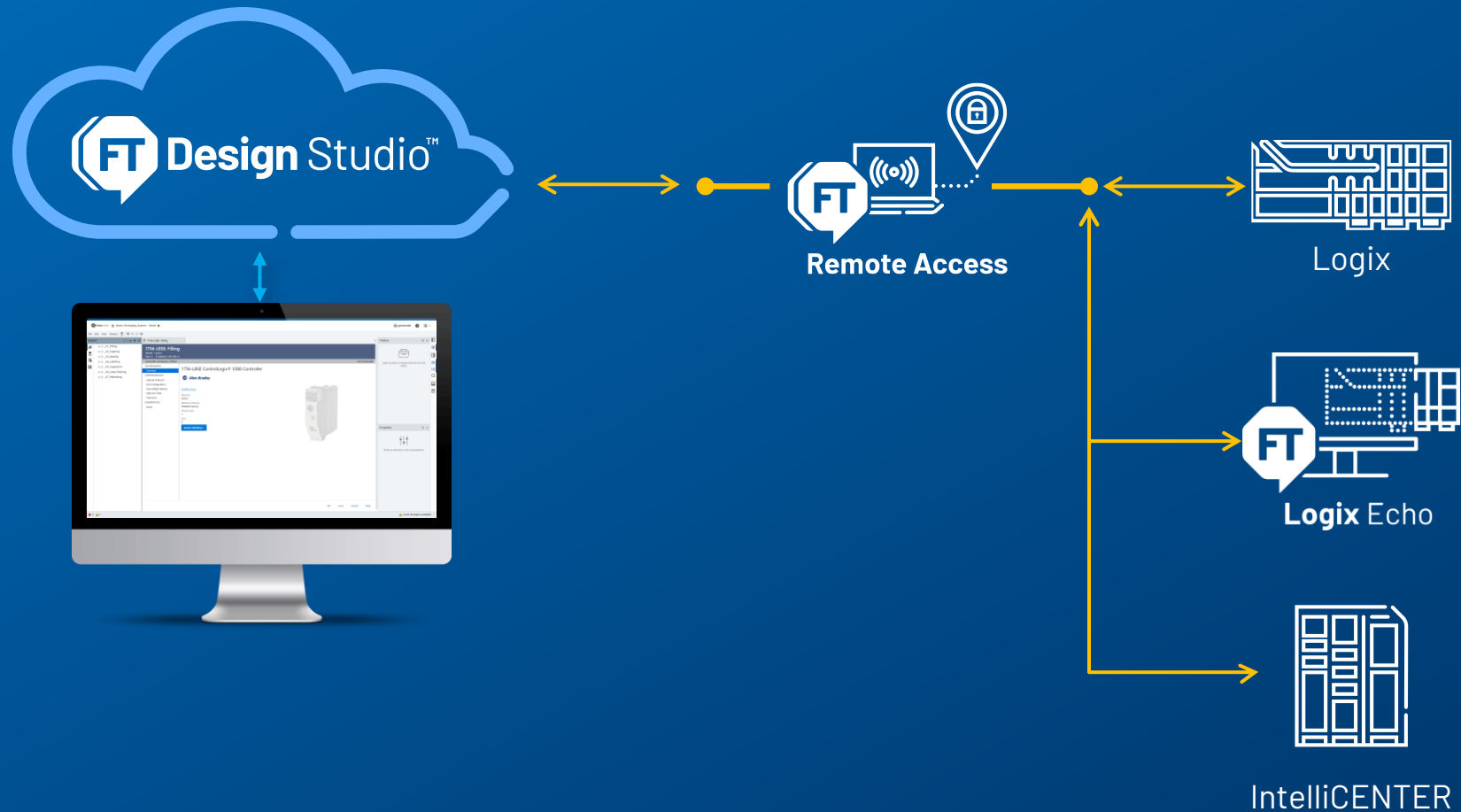




CLOUD-TO-EDGE COMMUNICATIONS

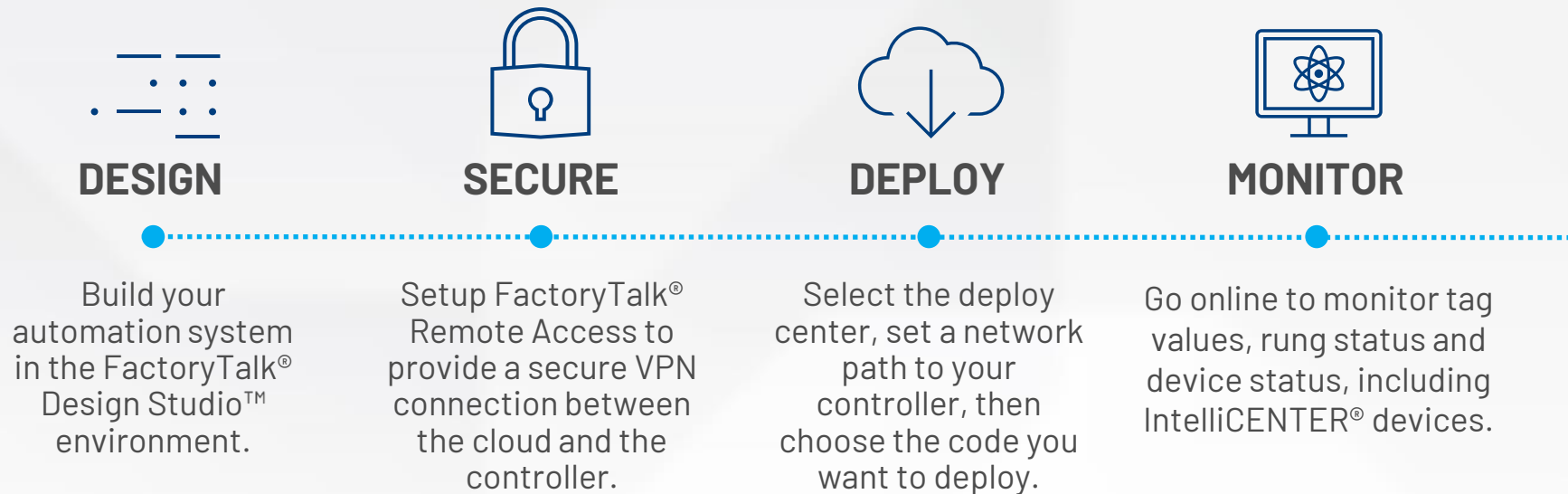
Connecting virtual design to edge devices

FactoryTalk® Design Studio™ cloud-to-edge communication



Delivering an end-to-end workflow for managing your project

A powerful partnership: FactoryTalk Design Studio and FactoryTalk Remote Access



A core component of a connected enterprise

While there is much more that goes into developing a comprehensive cybersecurity strategy, FactoryTalk® Remote Access is a key part of a resilient and secure manufacturing operation.

Build your system in FactoryTalk® Design Studio™, **deploy code to multiple controllers** at the same time, then **monitor and test your code online** while working on the next phase of your project.

CALL TO ACTION



Transform your
automation system
design experience
with **FactoryTalk®**
Design Studio™.

- ⊕ **Learn** more [HERE](#).
- ⊕ Get an **entitlement** [HERE](#).
- ⊕ Get a **NO COST 90-day trial** [HERE](#).

**Setup FactoryTalk®
Remote Access once,
then deploy and
monitor your
FactoryTalk® Design
Studio™ projects
online.**

- ⊕ **Learn** more [HERE](#).
- ⊕ View the **ordering guide** [HERE](#).
- ⊕ Get an **entitlement** [HERE](#).
- ⊕ **Setup** FactoryTalk® Remote Access [NOW](#).



Design Studio™

Interested in trying FactoryTalk® Design Studio™?

Get a **FULLY FEATURED, NO COST** 90-day trial



Maximize productivity with FactoryTalk Design Studio

A cloud-based, software-defined industrial automation design environment

TRY IT NOW

