

SAAS ENABLED BY THE CLOUD



The unified experience (common login, context and data)

DESIGN

OPERATE

MAINTAIN







Streamlined automation system design

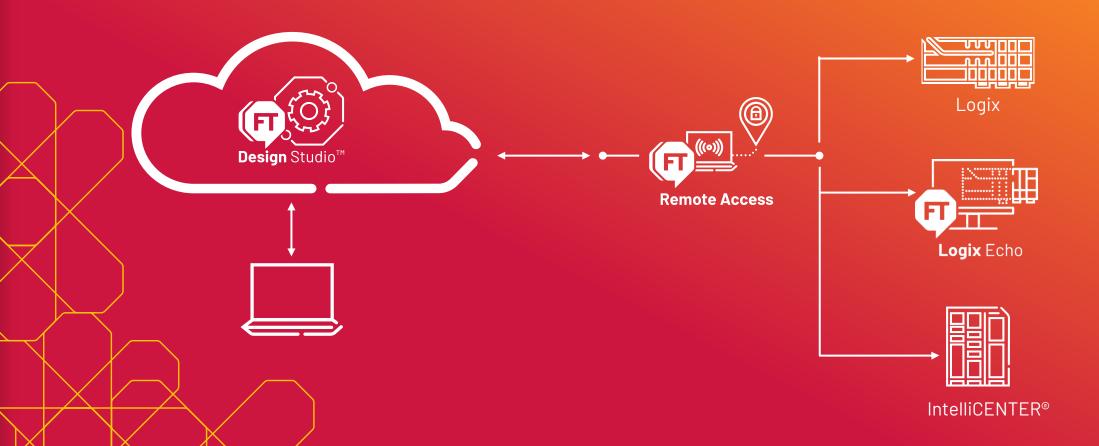
Simplified cloud-based operations management

Asset management and predictive maintenance

Edge Platform (data context, applications, analytics)



Cloud-based design for Logix controllers





Future-ready industrial automation design

Empowering engineers with cloud-based tools, Al-driven productivity and modern Logix programming.

Built for what's next.



MODERN

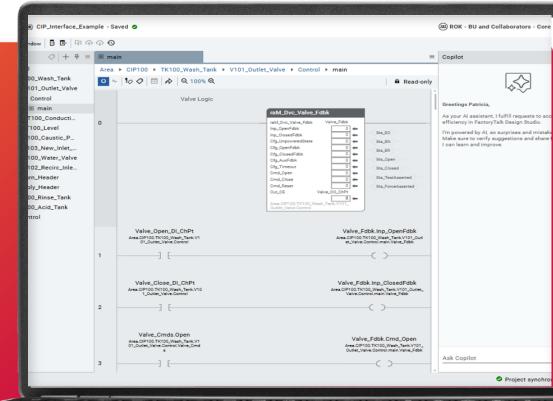
- Driving Logix programming into the future
- Enabling new capabilities with a modern technology stack
- Breakthrough productivity with Generative Al

MULTI-USER

- Collaboration enabled by integrated version control
- Monitor and approve any project changes
- Simplified steps to build Logix systems

MULTI-CONTROLLER

- Build a project with multiple Logix controllers
- Connect to multiple firmware revisions
- Deliver a system model abstracted from hardware



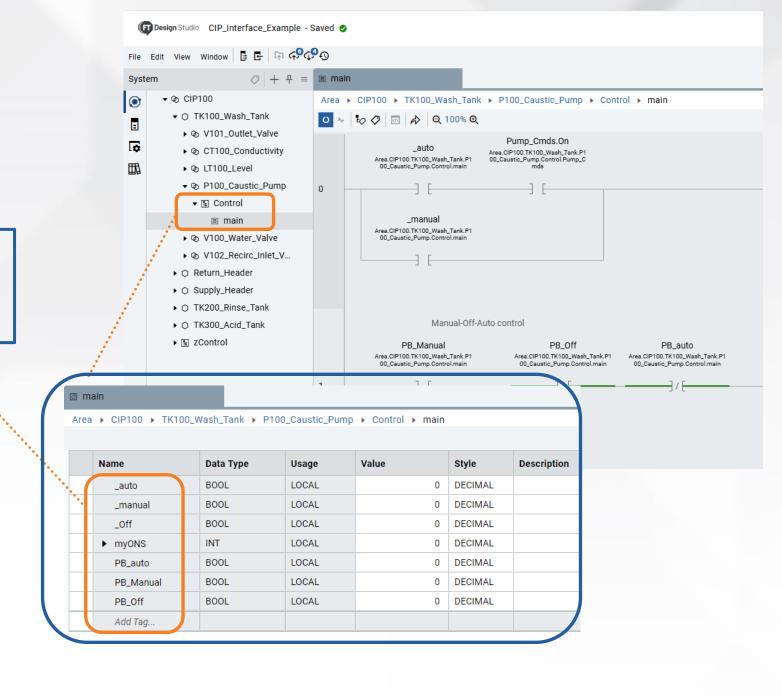


Routine-scoped tags

Fully encapsulate routines for modular project creation and reusability

BENEFITS

- Fully encapsulate routine code
- Interface with inputs/outputs
- Reuse routines with no program dependency

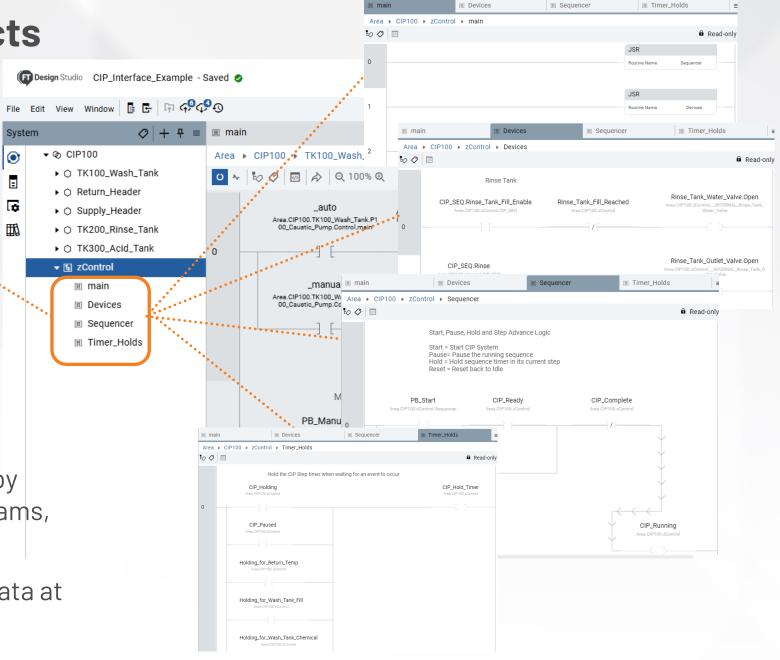


FactoryTalk® smart objects

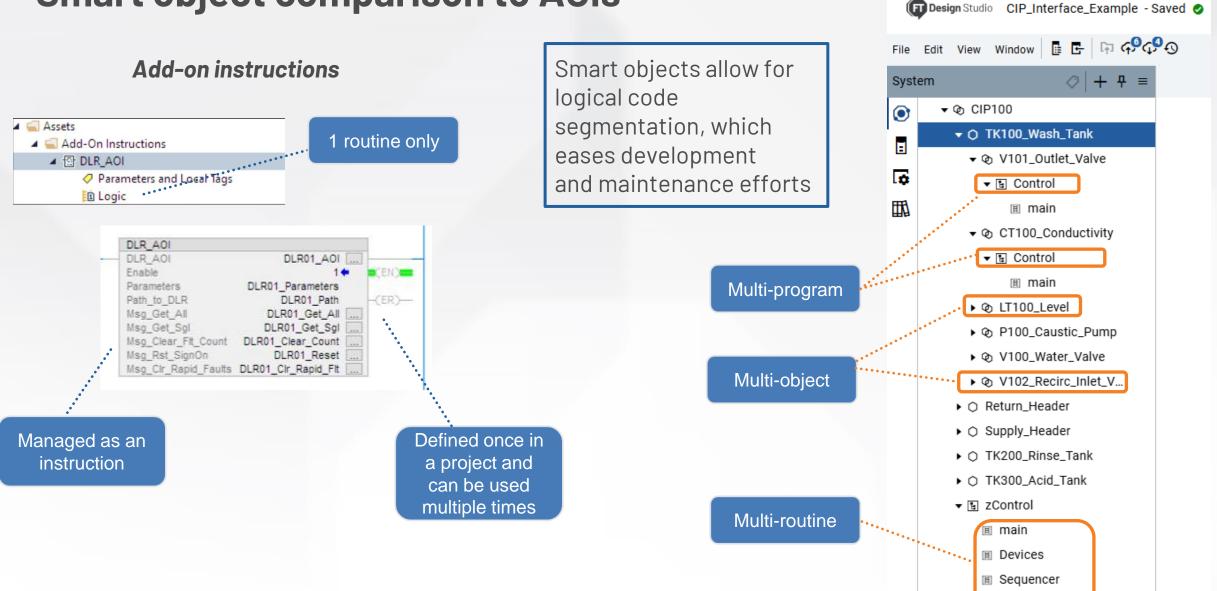
Content reuse and encapsulation with FactoryTalk® Smart Objects

BENEFITS

- Represent complex functionality by wrapping multiple routines, programs, and other objects together
- Simplify interactions by passing data at the object level



Smart object comparison to A0Is



Smart objects

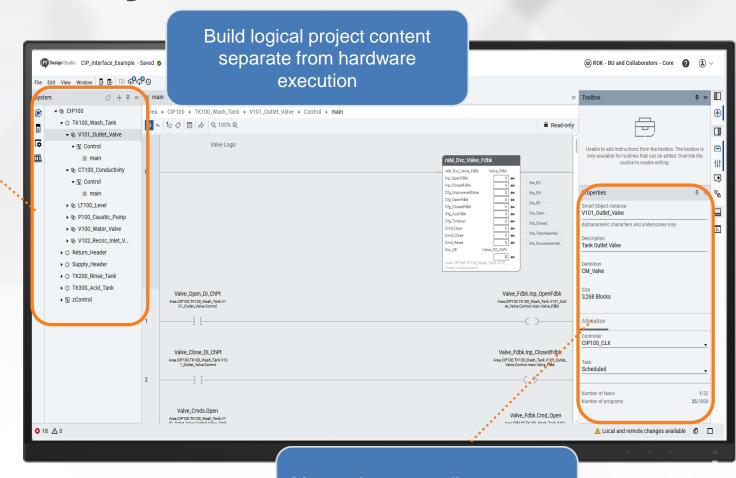
Ⅲ Timer_Holds

Logical, hardware-abstracted design

Deliver intuitive projects by building systems based on what they're doing, not where they're executing

BENEFITS

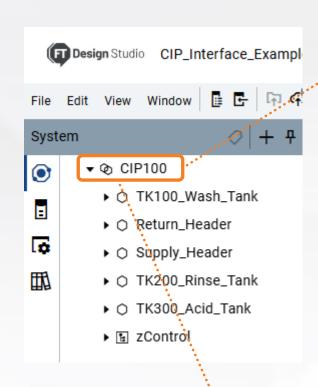
- Create logical system models that are not dependent on controller hierarchy
- Flexibly allocate logical content to controllers through development lifecycle



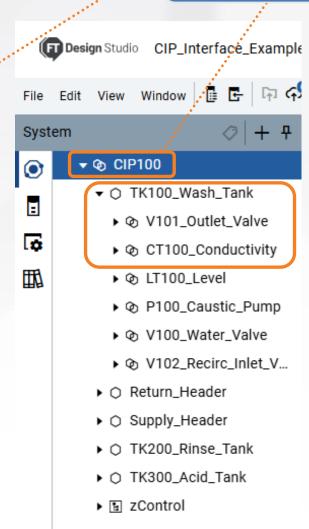
Map code to controllers to create execution

Creating a logical model

Highest-level code container that houses the application code



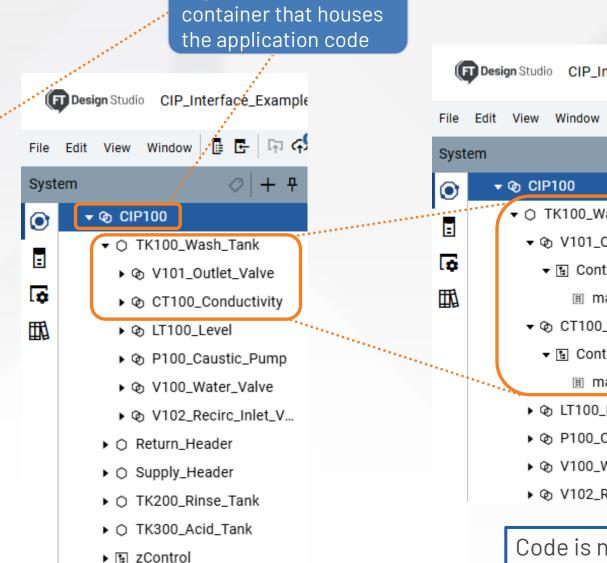
To be part of the logical model in a FactoryTalk® Design Studio™ project, it must reside in a smart object.



Creating a logical model

Design Studio CIP_Interface_Example Edit View Window ∄ 🕒 System ▼ ② CIP100 **(** ▶ ☼ TK100_Wash_Tank ▶ ○ Return_Header 6 ▶ ○ Supply_Header ▶ ○ TK200_Rinse_Tank ▶ ○ TK300_Acid_Tank ▶ E zControl

To be part of the logical model in a FactoryTalk® Design Studio™ project, it must reside in a smart obiect.



Highest-level code

Smart objects allow you to establish parent-child relationships in the logical model.

FI Design Studio CIP_Interface_Exal

→ ○ TK100_Wash_Tank

▼ 🖫 Control

▼ 🖫 Control

▼ Ø V101_Outlet_Valve

III main

▶
 P100_Caustic_Pump

▶ ♥ V102_Recirc_Inlet_V...

▶ ♥ V100_Water_Valve

▼ ② CT100_Conductivity

▼ ② CIP100

∄ 🕒 🖟

Code is neatly segmented and encapsulated for easy transportability / reuse

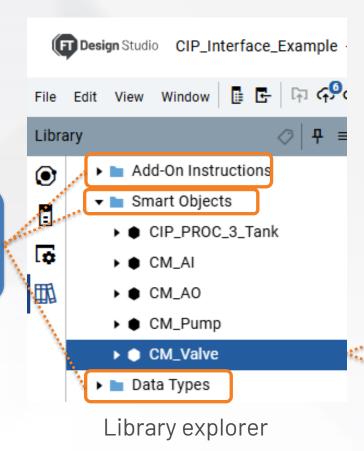
Integrated reusable content libraries

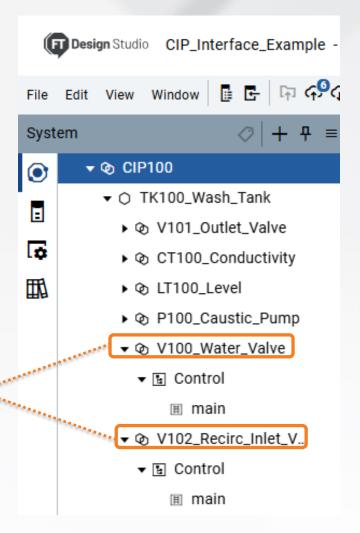
Reduce repetitive steps and increase standardization with integrated library tools

> Elements that can reside in the library include AOIs, smart objects, and UDTs.

BENEFITS

- Develop projects and manage reusable content in the same tool
- Inherit library updates with no import/export





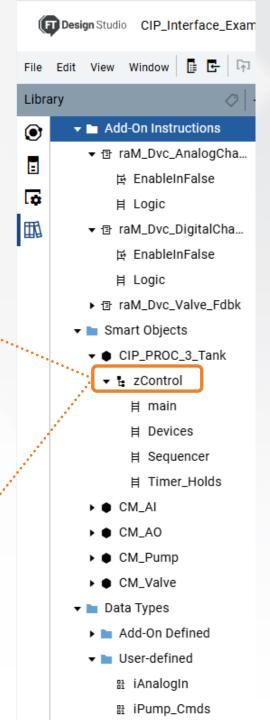
Sharing data between objects

Tag usage is defined at the program level and can be designated as local or shared

CIP_PROC_3_Tank > zControl

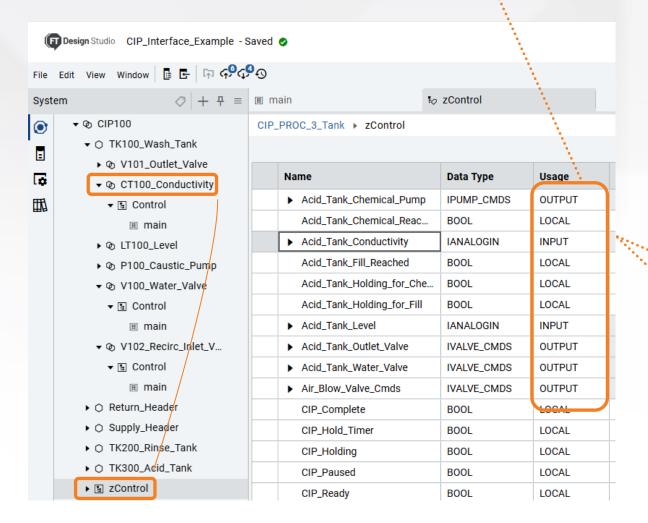
Name	Data Type	Usage	Value	Style
► Acid_Tank_Chemical_Pump	IPUMP_CMDS	OUTPUT		
Acid_Tank_Chemical_Reac	BOOL	LOCAL	0	DECIMAL
► Acid_Tank_Conductivity	IANALOGIN	INPUT		
Acid_Tank_Fill_Reached	BOOL	LOCAL	0	DECIMAL
Acid_Tank_Holding_for_Che	BOOL	LOCAL	0	DECIMAL
Acid_Tank_Holding_for_Fill	BOOL	LOCAL	0	DECIMAL
► Acid_Tank_Level	IANALOGIN	INPUT		

Connections are made to other smart objects from the properties pane



Sharing data between objects

Tag usage is defined at the program level and can be designated as local or shared



Smart objects pass data to each other using connections

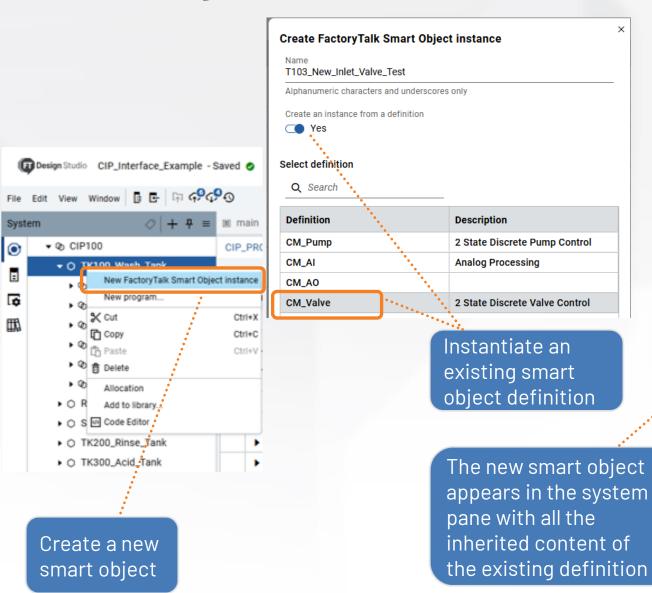
Connections are made to other smart objects from the properties pane

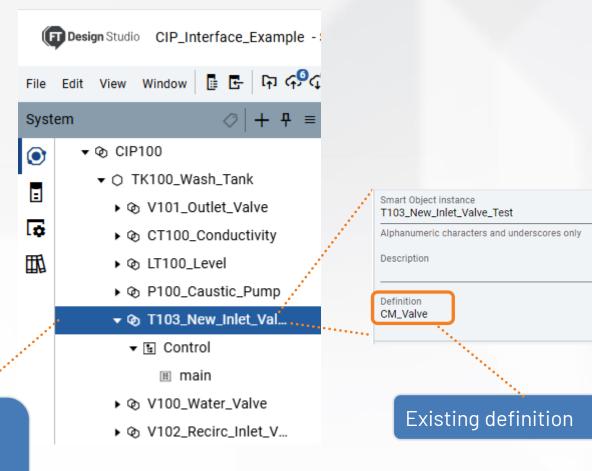
General Connections

▼ Within Controller

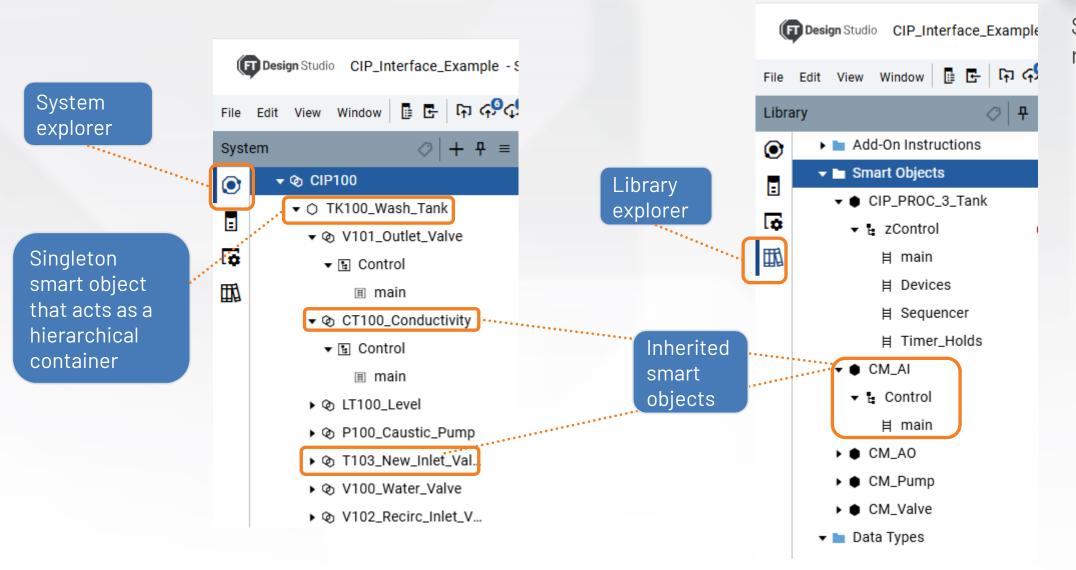
Area.CIP100.TK300_Acid_Tank.CT300_Conductvity.Control.AI

Smart object instantiation





Singleton smart objects vs. smart object definition

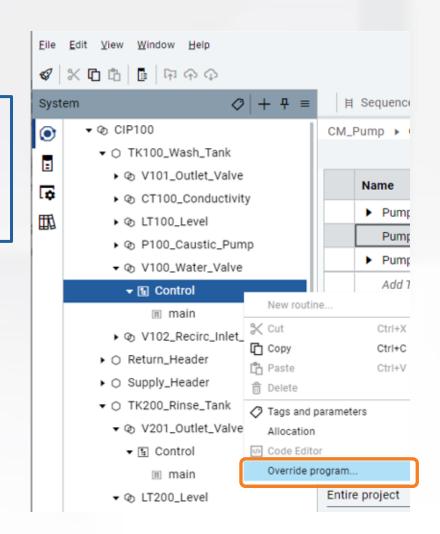


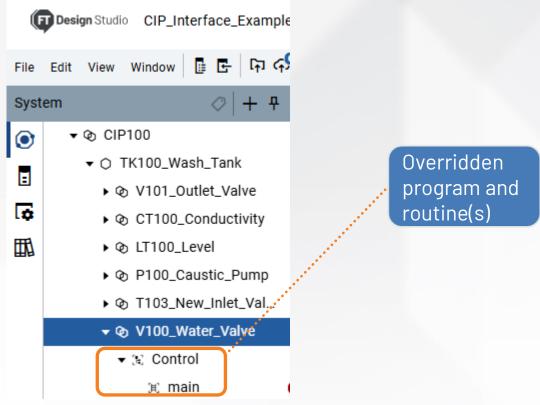
Smart object icon reference

- Smart object definition
- Singleton smart object
 - Inherited smart object (i.e. based on a library definition)

Overriding a smart object definition

Some objects may need to be adjusted from the base definition



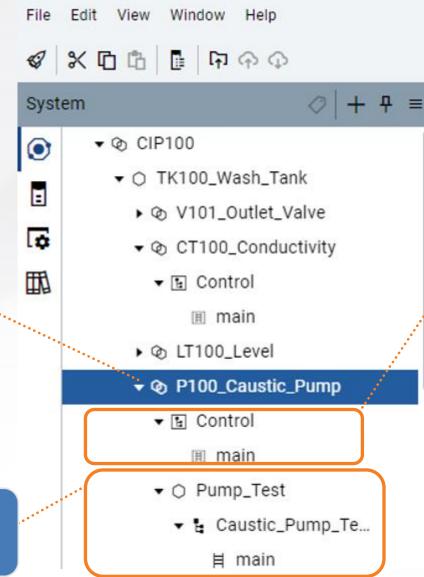


Changes to an overridden program do not affect the smart object definition

Extend a library definition

Smart object instances can have additional content added while still inheriting from the base definition

Smart object inherited from library

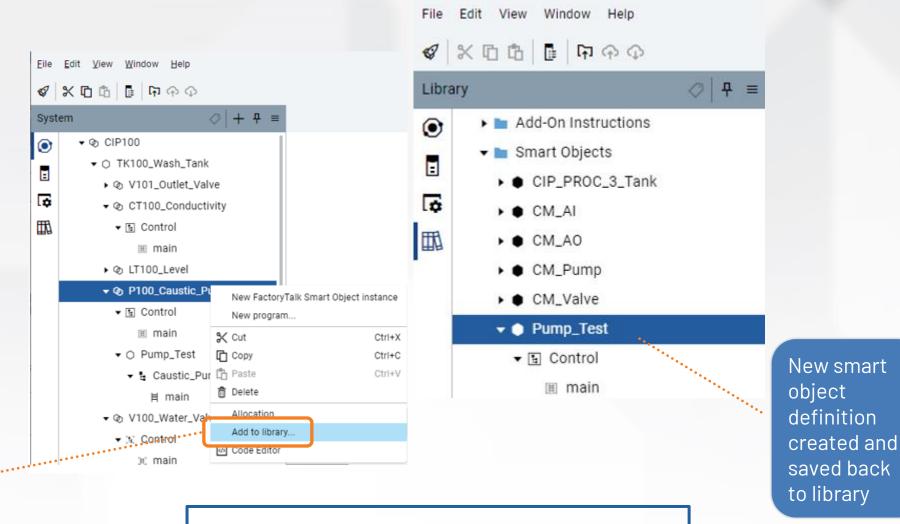


This portion of the smart object will maintain its inheritance ability from the library object

Extension of the P100_Caustic_Pump smart object

Content extending an object does not alter the base definition

Add a new object back to library



Make changes, then add back to library

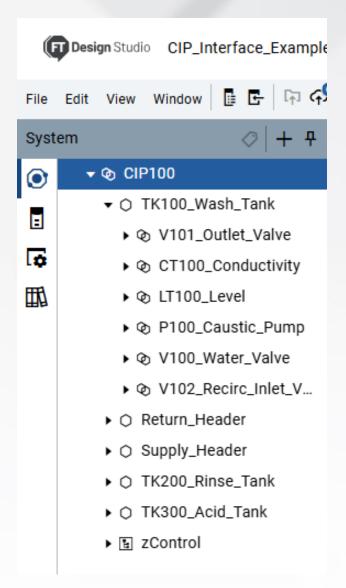
Integrated library management allows definition edits in addition to inheritance

Smart object recap

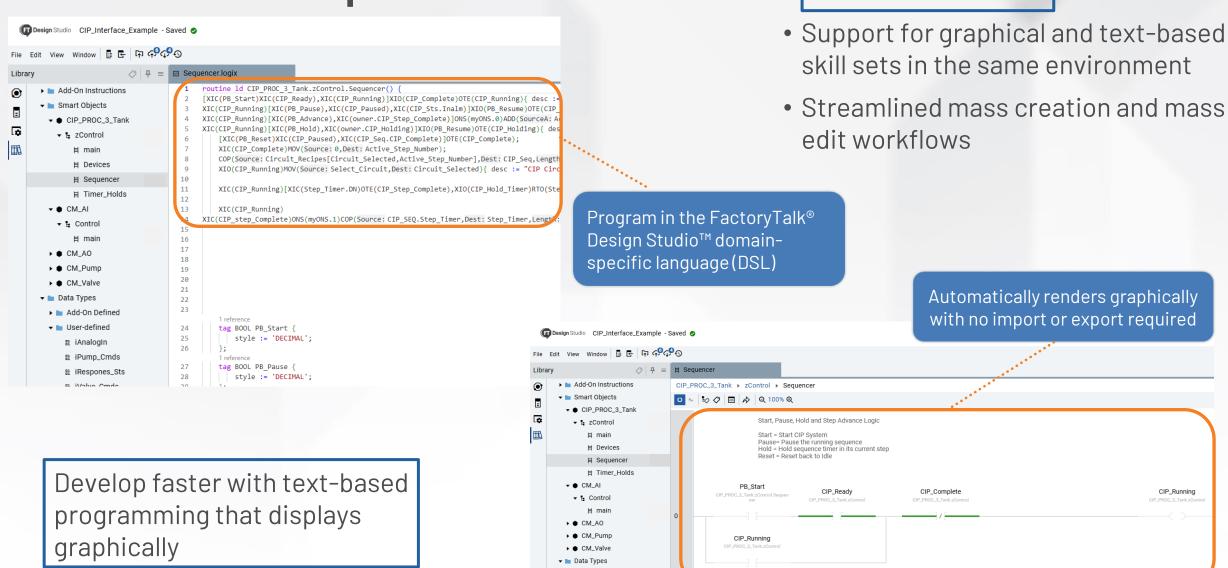
Smart objects are setting the foundation for the modern software experience in FactoryTalk® Design Studio™. They ...

- provide the basis for a modular, scalable design environment.
- expand on the idea of the AOI but can encapsulate other smart objects as well as multiple programs and routines.
- allow you to create a logical hierarchy that's easily understandable.
- can be standalone or inherited from the library.
- can be created in the integrated library so they are easily transported and instantiated.
- can be extended to account for differences in the project design.
- can interact with other smart objects by passing data in and out through a program parameter connection.
- will continue to be expanded on through future iterations of the product.

The integrated library currently supports one project but will be expanded in future updates to be shared among many FactoryTalk® Design Studio™ projects.



Power-user development



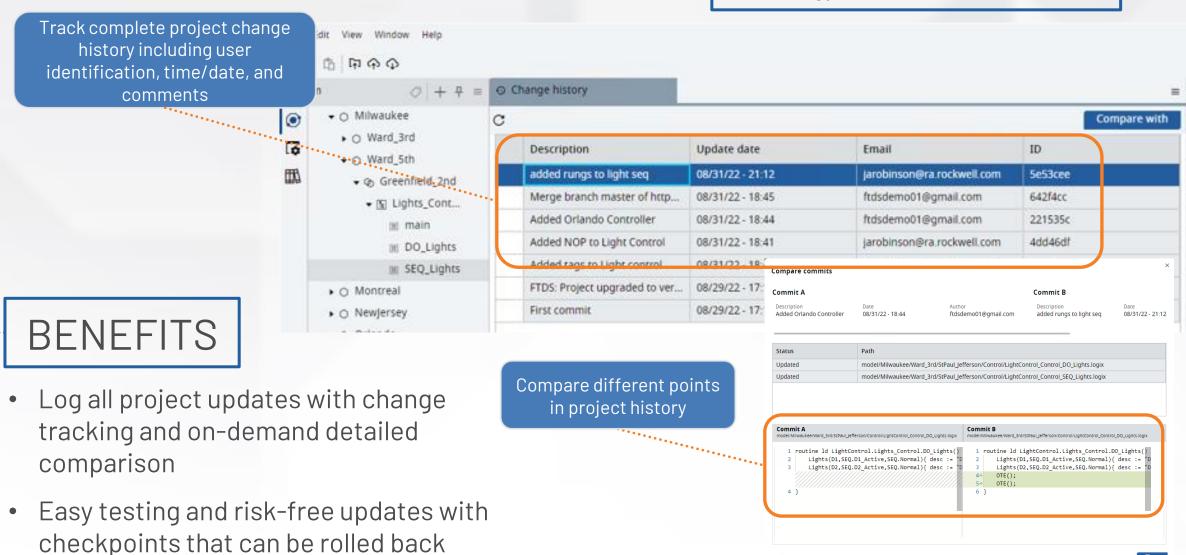
➤ Add-On Defined

User-defined

BENEFITS

Integrated version control

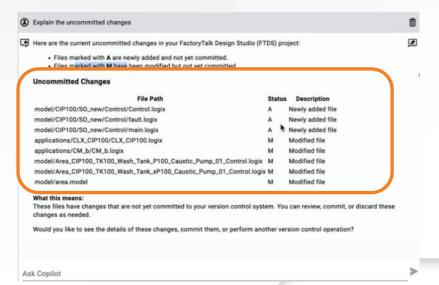
Reduce project change management complexity with integrated git technology

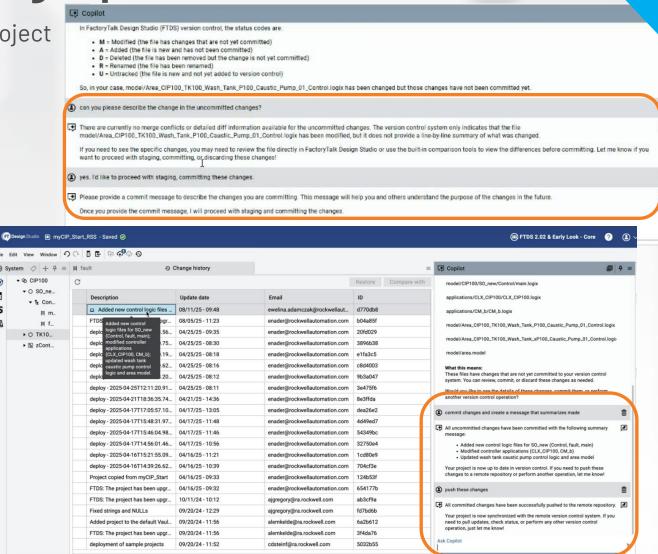


Version control now easier using copilot commands

Use the copilot help you manage changes in your project

- Ask for a list and uncommitted changes
- Ask for a description of the uncommitted changes
- Ask for descriptions to be added
- Ask to commit, push, and pull changes







Project history

next to the description in the change history table

was made, who it was made by, and what was changed ■ Design Studio CIP_Interface_Example - Saved ② Edit View Window O Change history System III main ■ main ▼ ② CIP100 **(** ▼ ○ TK100_Wash_Tank Ξ Update date Description **Email** ▶ Ø V101_Outlet_Valve Uncommitted changes 6 ▶ ◊ CT100_Conductivity □ FTDS: The project has been upgraded. 01/28/25 - 13:44 pyneimes FT.DS: The project has been upgraded. 01/22/25 ▼ Ø P100_Caustic_Pump Uncommitted changes Added project to the default Vault soluti... 07/16/24 ▼ E Control Path FTDS: The project has been upgraded. 07/16/24 libraries/project/smart objects/Pump_Test/Pump_Test/Caustic_Pump_Test/main.logix III main Added model/CIP100/TK100_Wash_Tank/V100_Water_Valve/Control/Control.logix Added model/CIP100/TK100_Wash_Tank/V100_Water_Valve/Control/main.logix View uncommitted changes and Updated applications/CIP100_CLX/CIP100_CLX.logix Updated model/area.model discard if you don't want them **Uncommitted changes** applications/CIP100 CLX/CIP100 CLX.logiz applications/CIP100 CLX/CIP100 CLX.logi 37 controller LogixApp_CIP100_CLX_Definition; 26 controller LogixApp_CIP100_CLX_Definition; O Change history 38 LogixApp CIP100 CLX Definition LogixApp CIP100 CLX 27 LogixApp CIP100 CLX Definition LogixApp CIP100 CLX C 40 deployment LogixApp_CIP100_CLX_Deployment { 29 deployment LogixApp_CIP100_CLX_Deployment { LogixApp_CIP100_CLX -> LogixApp_CIP100_CLX_I LogixApp_CIP100_CLX -> LogixApp_CIP100_CLX_Inst topology -> production; topology -> production; Description Update date 43 } 32 } Uncommitted changes When remote changes are program created at the Ch... 05/15/23 - 20:30 Discard uncommitted changes available, a cloud icon will appear

View information on where

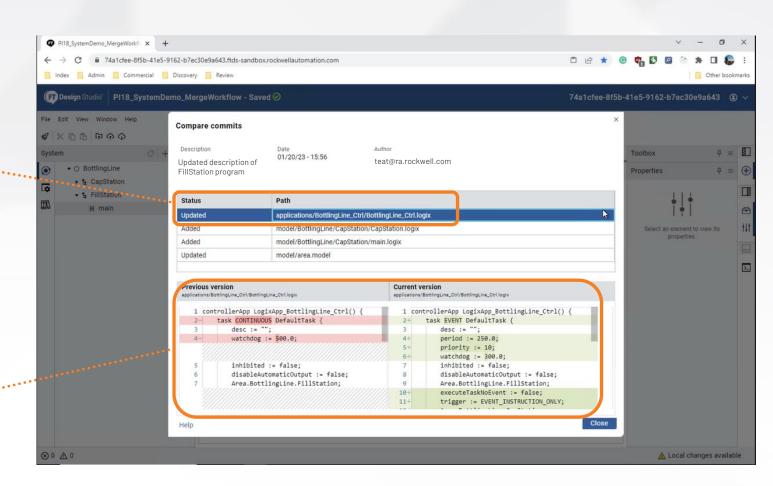
changes have been made, when it

Detailed change information

Open any point in the project history for information on each edit or compare two points in history

Select a file in the table to compare changes from the previous version to the current

See details of what was modified



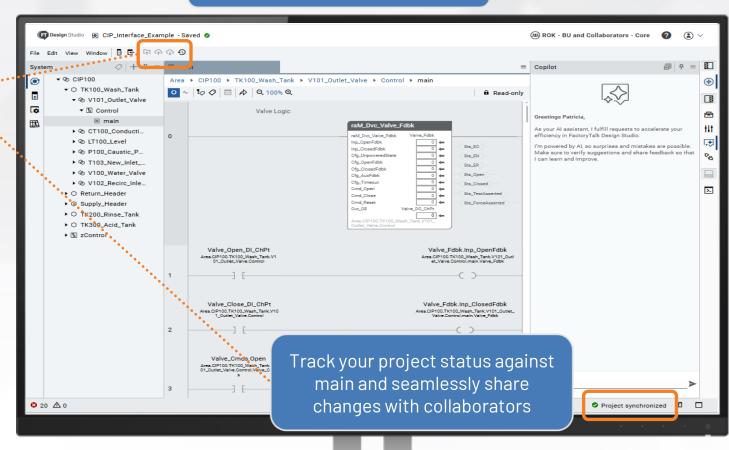
Multi-user collaboration

Share project updates with collaborators using built-in tools

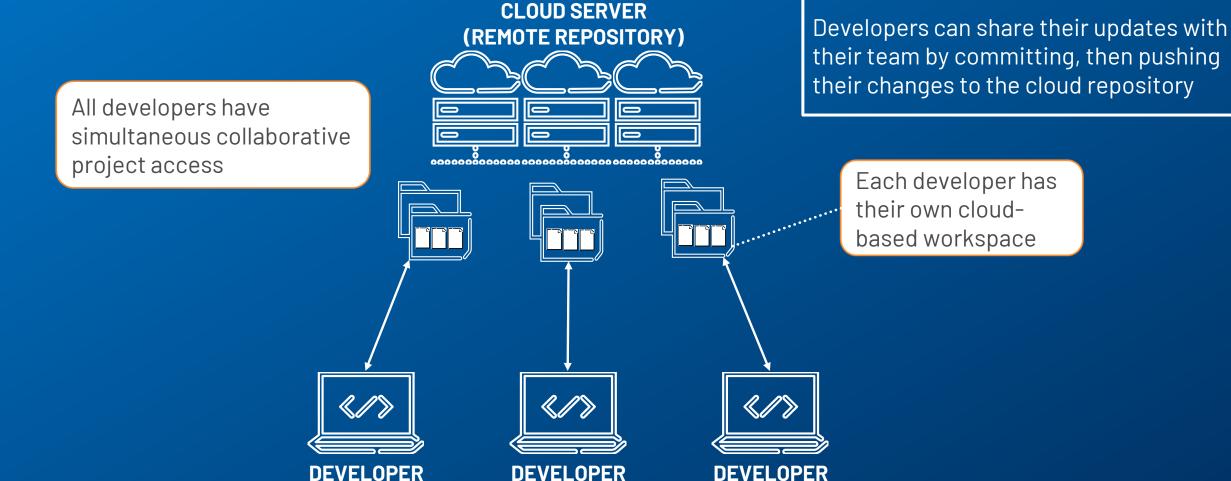
Automatically merge changes across multiple users working independently

BENEFITS

- Maximize collaboration efficiency with simultaneous project access
- Streamline parallel development by detecting and merging changes from collaborators



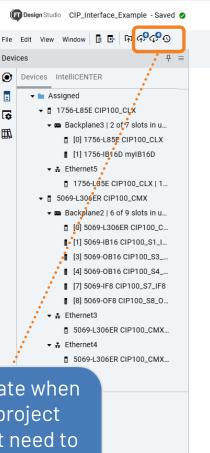
High-level diagram of Version Control Systems (VCS)



Project status

Awareness of the latest changes to your system

Not only do we provide cues to what's going on in your project, but we also prompt you to take action to synchronize your environments



Open an item in the explorer to view it.

(32) ROK - BU and Collaborators - Core Open an editor to display the tools for that editor. Select an element to view its properties. ⚠ Local and remote changes available

VCS badge updates indicate when you have changes to the project history, and commits that need to be pushed to the remote repository

Pulling/resolving merge conflicts

Revert previous file to its conflict state so you can make a different resolution choice

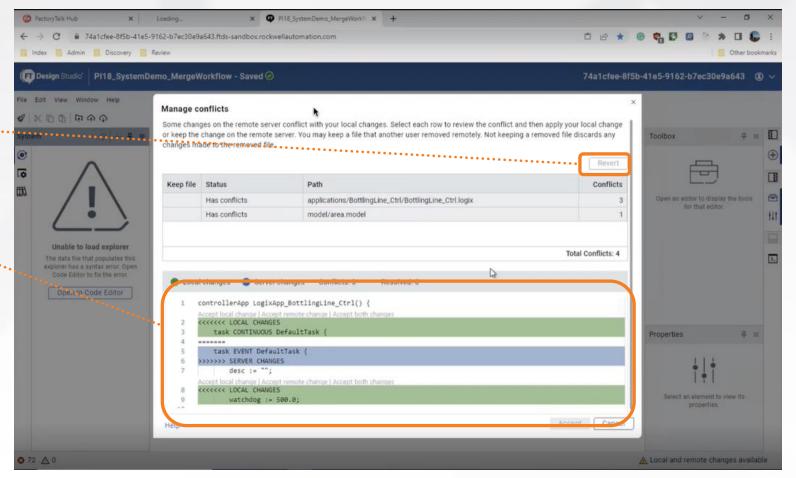
Local changes shown in green; server changes in blue

FOR MORE INFO

Visit these KnowledgeBase articles for more details on merging conflicts:

- 1. How to manage merges with devices?

 https://rockwellautomation.custhelp.com/app/answers/answer_view/a_id/1139599
- 2. How to resolve error you get when merging both changes? https://rockwellautomation.custhelp.com/app/answers/answer_view/a_id/1139656

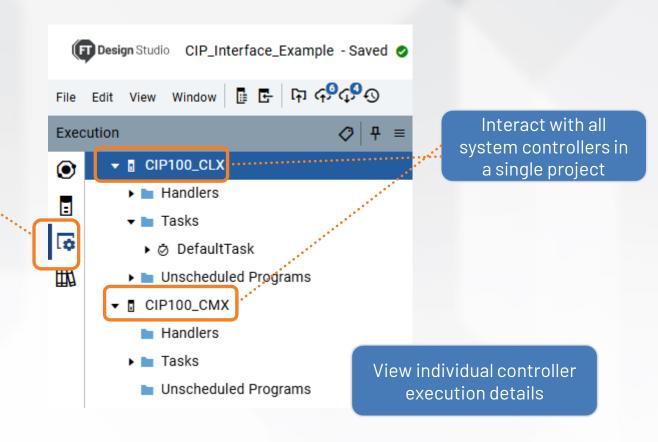


Multiple controllers, single project

Execution Explorer: Streamline development by managing all controllers in one development space

BENEFITS

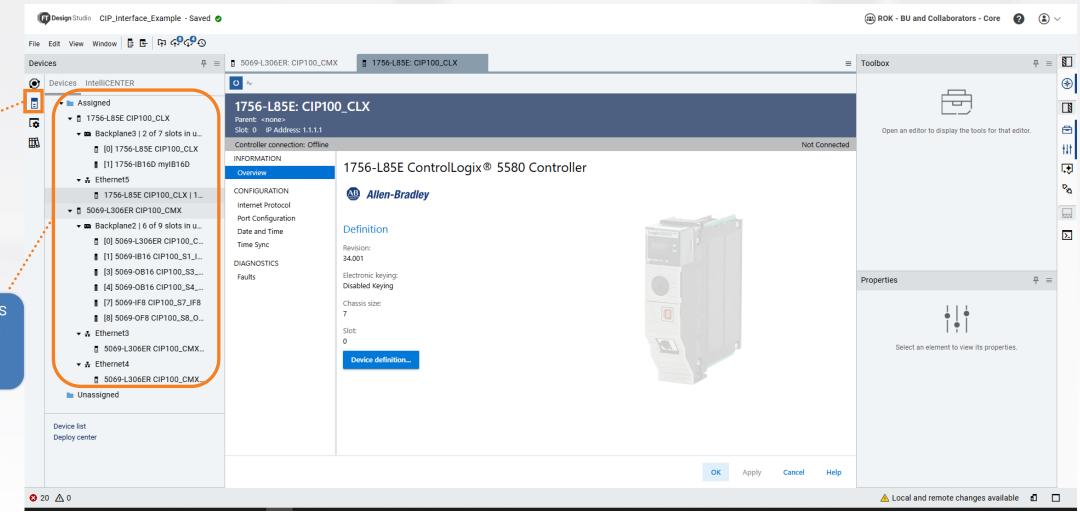
- Scale projects easier than ever with the ability to add and manage multiple controllers in a single project
- Configure and troubleshoot content based on a familiar execution view



Devices explorer

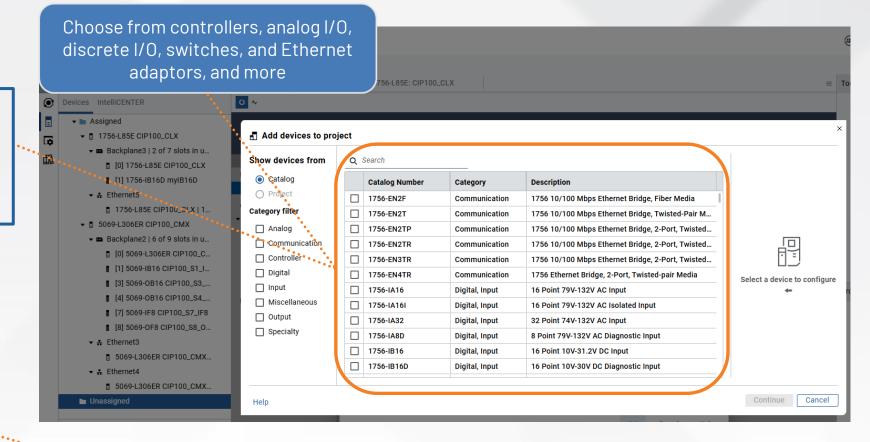
View the system topology through the Devices Explorer

> See all controllers and their related devices in one place



Catalog dialogue

Choose from a core set of devices to add to your system





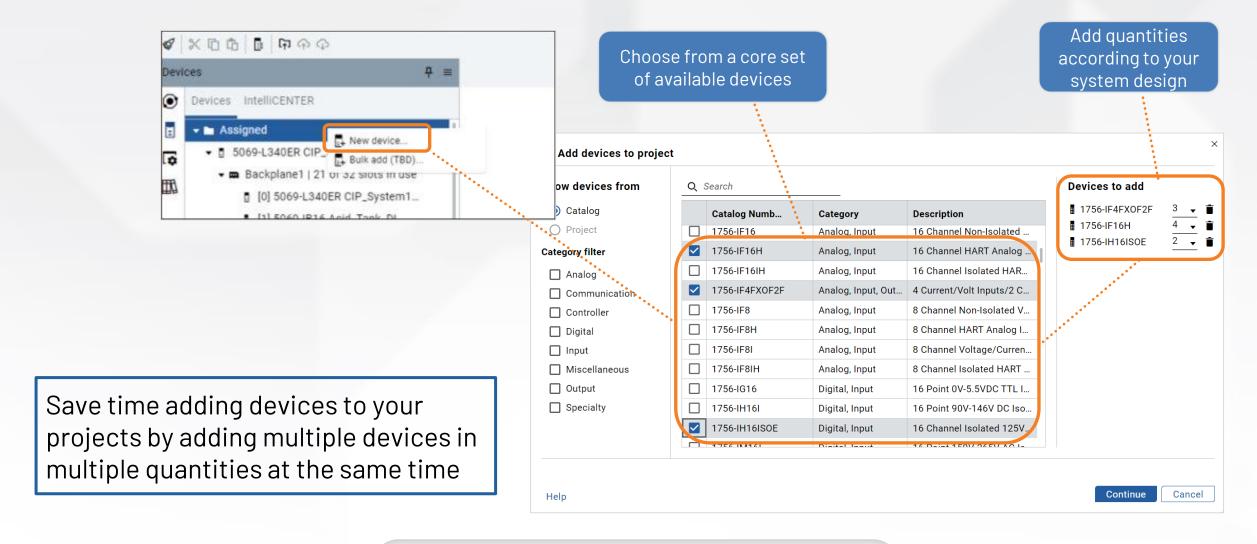
Add devices to project Q 5800 Show devices from Catalog Catalog Number Category Description O Project ☐ 1783-MMS10 Communication Stratix 5800 10 Port Expandable Base Category filter 1783-MMS10B Communication Stratix 5800 10 Port Non-Expandable Base 1783-MMS10BE Communication Stratix 5800 10 Port Non-Expandable Base PoE ☐ Communication ☐ 1783-MMS10E Stratix 5800 10 Port Expandable Base PoE Communication ☐ Controller Stratix 5800 10 Port Expandable Base PoE Advanced 1783-MMS10EA Communication □ Digital 1783-MMS10EAF Communication Stratix 5800 10 Port Expandable Base PoE Advance ☐ Encoder ☐ 1783-MMS10ER Communication Stratix 5800 10 Port Expandable Base PoE Layer 3 Communication Stratix 5800 10 Port Expandable Base Layer 3 Miscellaneous

New in August 2025(FTDS 2.02 update): 843E encoders and Stratix® 5800 switches

Available devices are a subset of the device catalog, but will continue to be built out with future iterations of FactoryTalk® Design Studio™



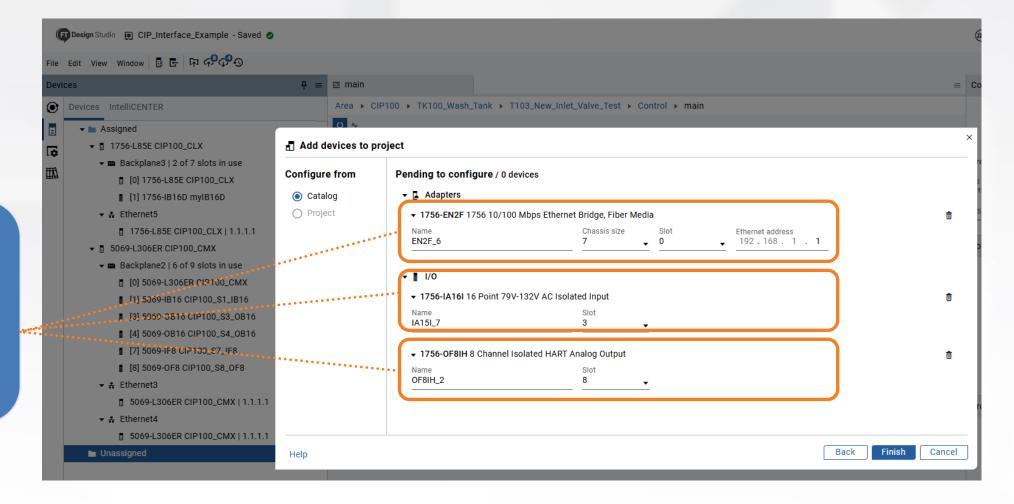
Mass creation workflow for devices



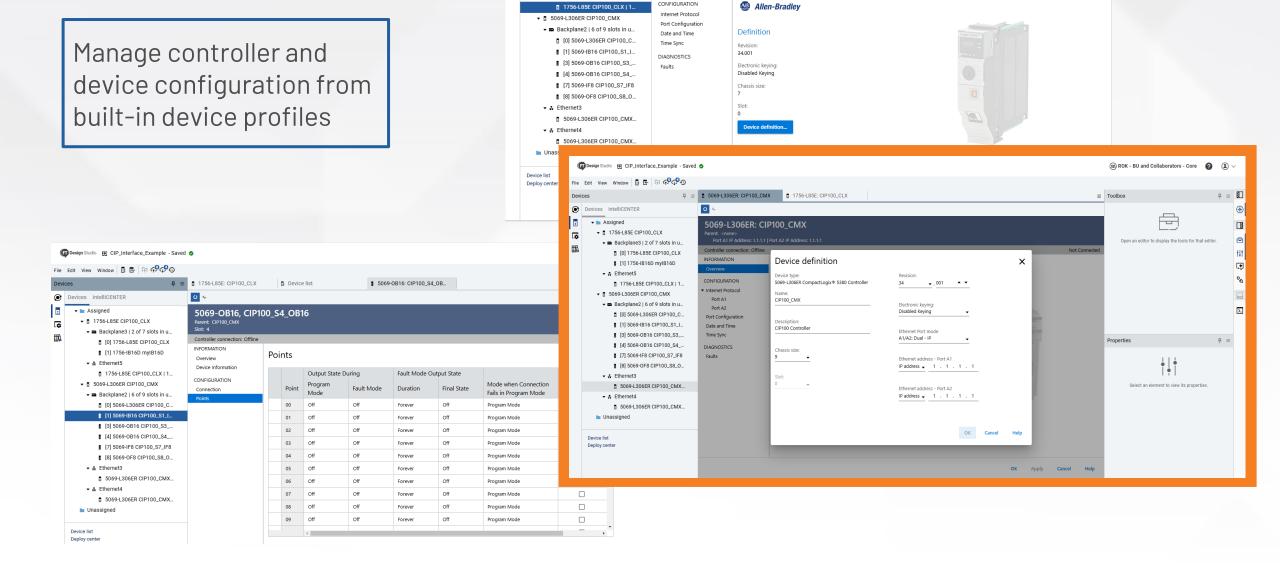
Quick configure workflow for devices

Improve design efficiency by adding and configuring devices in your project in multiple quantities at the same time

Choose from a core set of available devices in any quantity, then quickly define initial configuration of each in one workflow



Device profile updates



▼ [1756-L85E CIP100_CLX

▼ # Ethernet5

▼ m Backplane3 | 2 of 7 slots in u...

[0] 1756-L85E CIP100_CLX

[1] 1756-IB16D myIB16D

Devices IntelliCENTER

→ ■ Assigned

■ 1756-L85E: CIP100_CLX

Parent: <none>
Slot: 0 IP Address: 1.1.1.1

Controller connection: Offline

INFORMATION

1756-L85E: CIP100 CLX

0 4

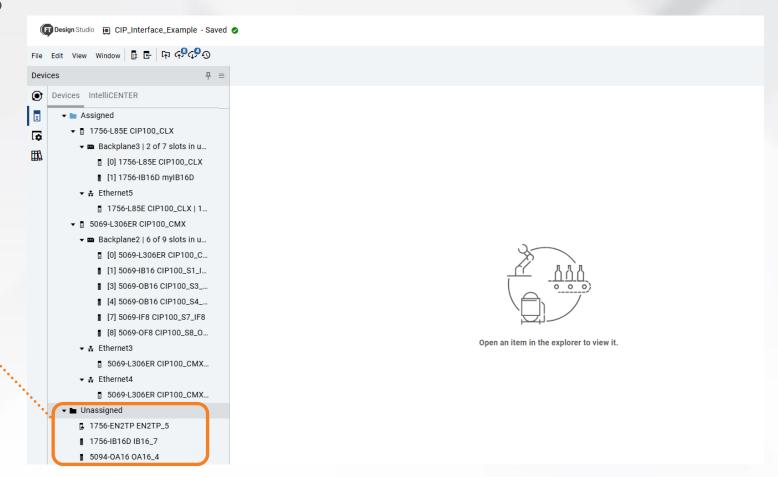
■ Device list

1756-L85E ControlLogix® 5580 Controller

■ 5069-0B16: CIP100_S4_0B...

Unassigned devices

Add devices to your project then assign to a controller later

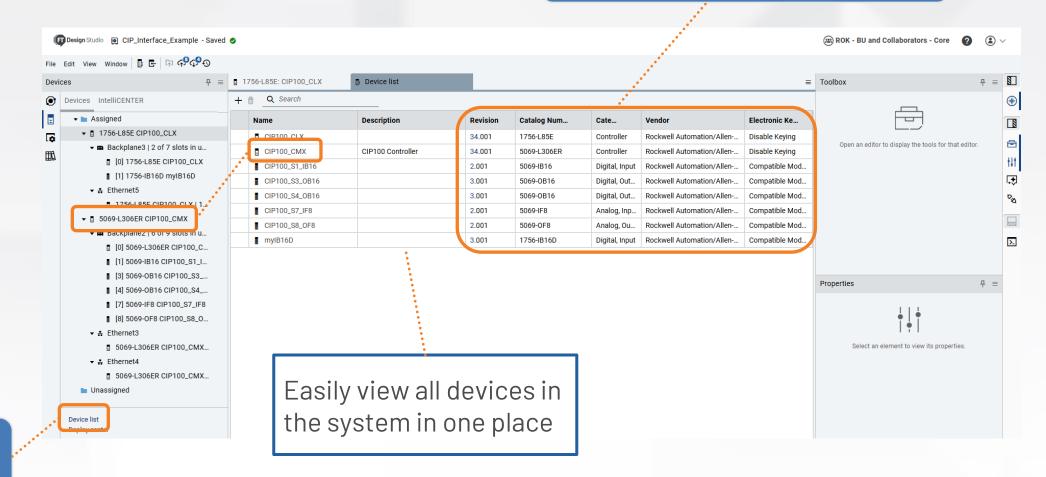


Change system topology at any time without losing your I/O or configuration (will automatically be reallocated as an unassigned device)



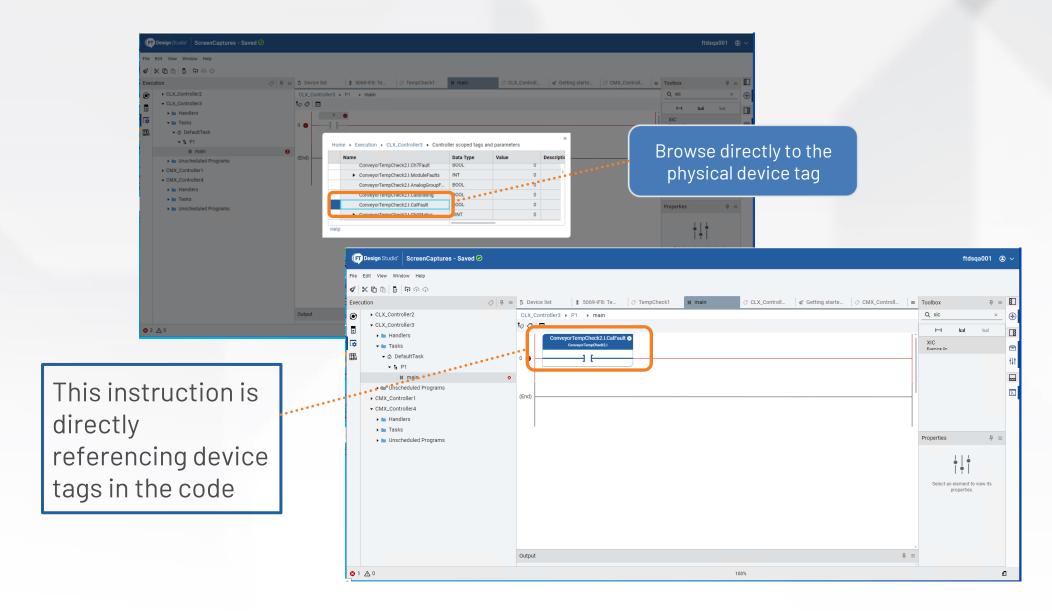
Device list

See device firmware version, catalog number, catalog description, vendor and more



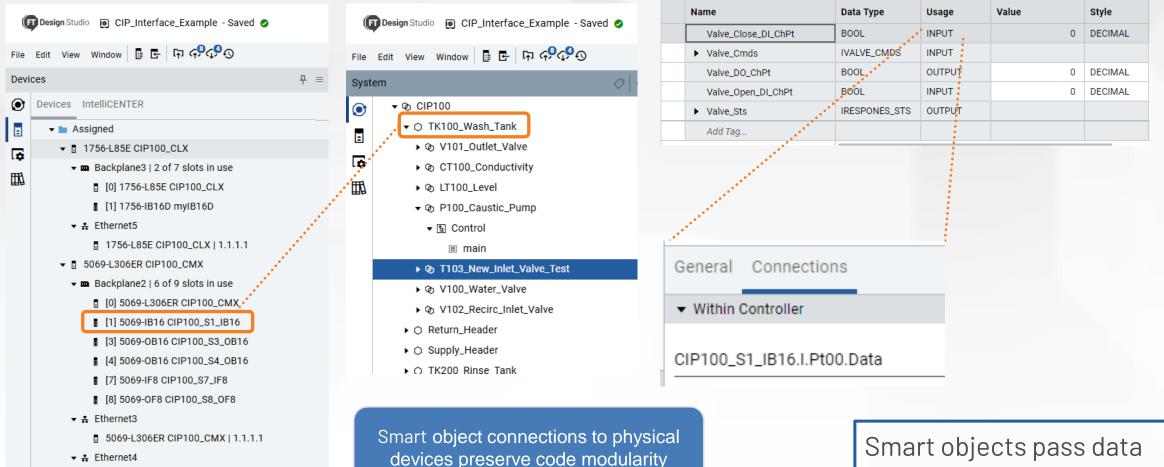
Device list can now be invoked from the **Devices Explorer**

Device I/O tags - direct reference



Device I/O tags - binding physical to logical

5069-L306ER CIP100_CMX | 1.1.1.1



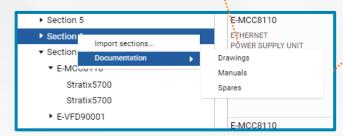
Smart objects pass data between physical devices using connections

IntelliCENTER® integration

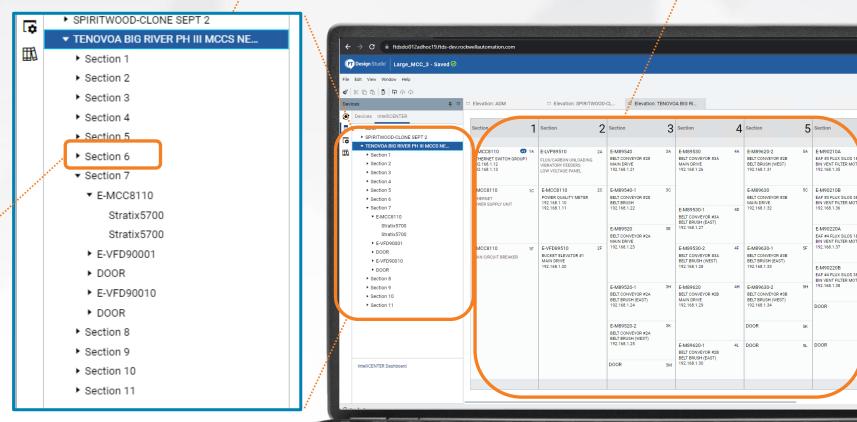
Easy access to lineup, section, and unit details

See a virtual representation of your MCC and online monitor the devices in your lineup to see current status.

Double-click on an MCC section to access documentation such as electrical drawings, user manuals, and spare parts list



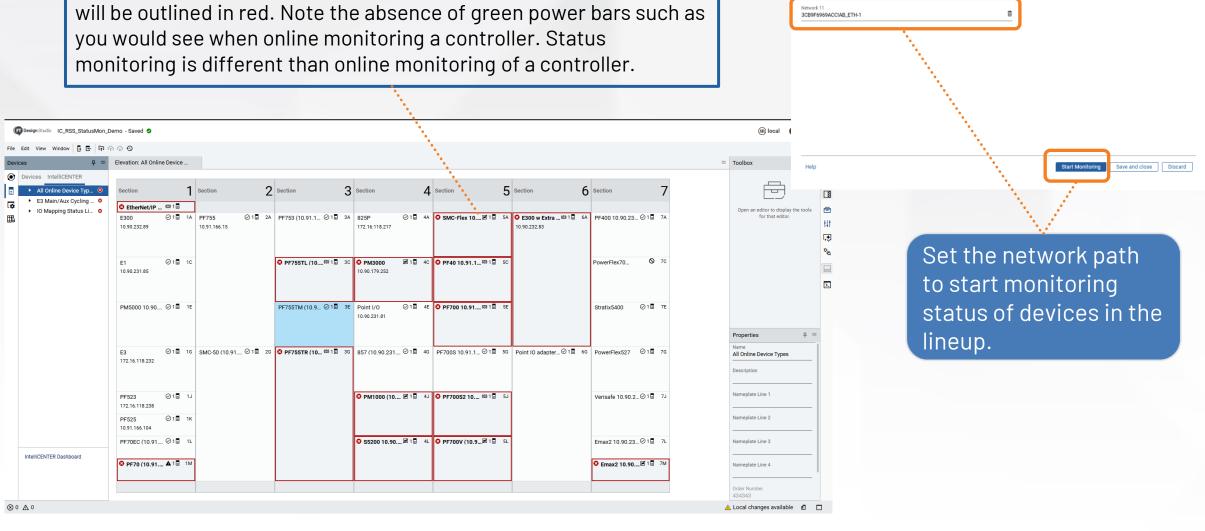
Import an MCC lineup from the IntelliCENTER® tab in the Device Explorer





Status monitoring of an MCC lineup

Status indicators for devices in an MCC lineup will show ready, faulted, or warning states. Devices with faulted or warning status



Network Paths: All Online D..

3CB9F6969ACC!AB_ETH-1

♣ Edit Network Paths

Select or provide the Network Paths for this Lineup to enable Status Monitoring.

04CC837AA906/AB_ETH-1\10.90.231.88\Backplane\1\A

04CC837AA906IAR_FTH-1\10.90.231.84\Racknlane\3\A

IntelliCENTER® view updates

As of May 2025 (FTDS 2.01 update), we are enhancing some of the IntelliCENTER® views to make more detailed information available.

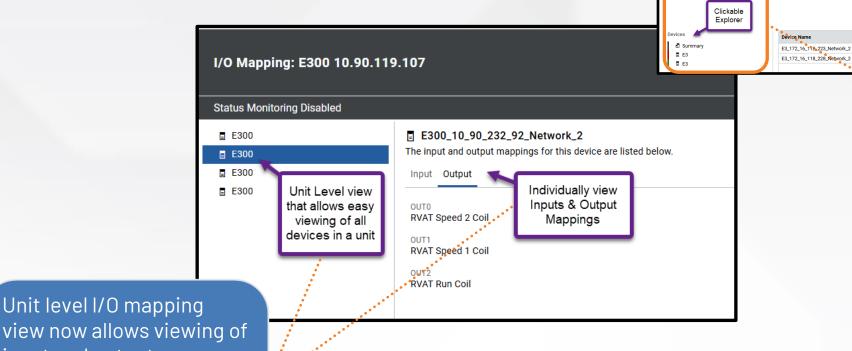
input and output

in the unit and also

separately for each device

indicates which devices

don't have I/O mappings



If a device returns a fault or warning code, it can be interrogated to learn more. This can be done by either hovering over the device or visiting the unit profile. Not only is the warning code exposed, but a link to helpful documentation can provide direction in mitigation efforts.

Fault/Warning Codes

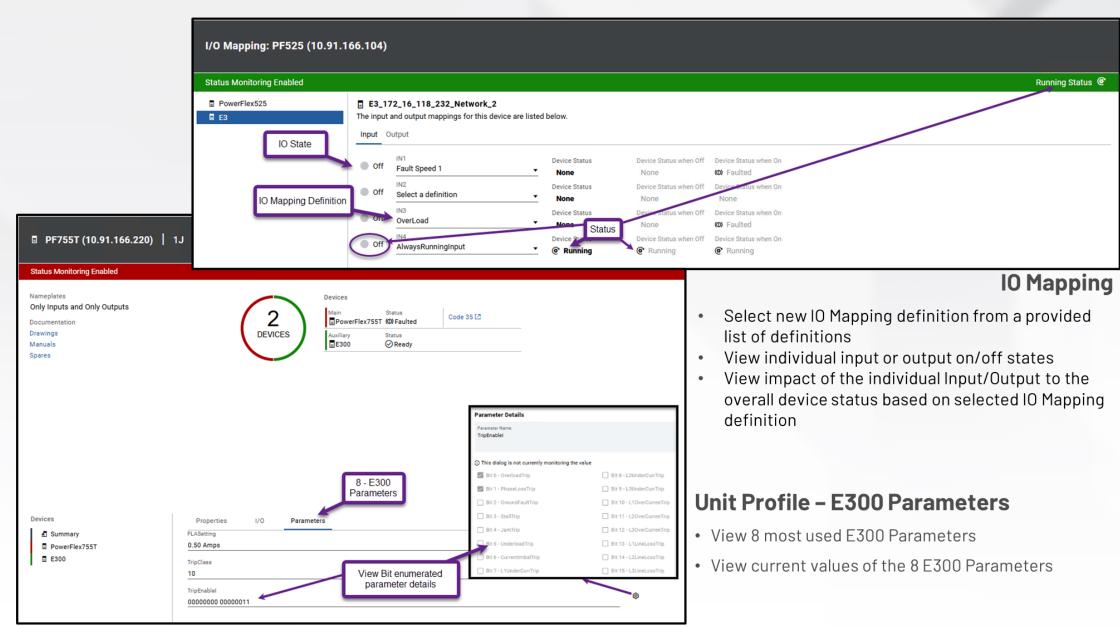
172.16.118.228

☐ Just main warning | Location: 1A

2 DEVICES

Unit Type

IntelliCENTER® view updates in popular E300 parameters

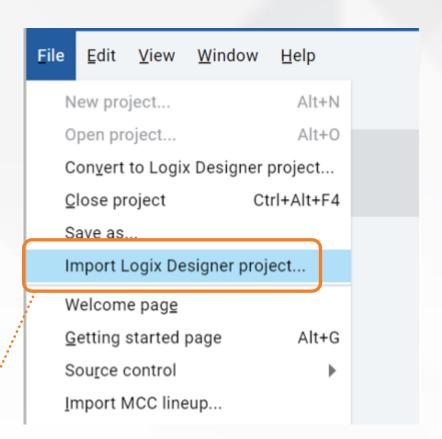


Add content from a Studio 5000 Logix Designer® project

Currently supported during the import process:

- Controller (if controller not recognized by FactoryTalk® Design Studio™, you will receive a message on import accompanied by a log file)
- Ladder logic
- Tasks, programs, routines
- AOIs and UDTs (note that ALL data types are supported yet; and nested UDTs will not be resolved as expected)

Import code you have already created in Logix Designer application and start taking advantage of the value of cloud-based design



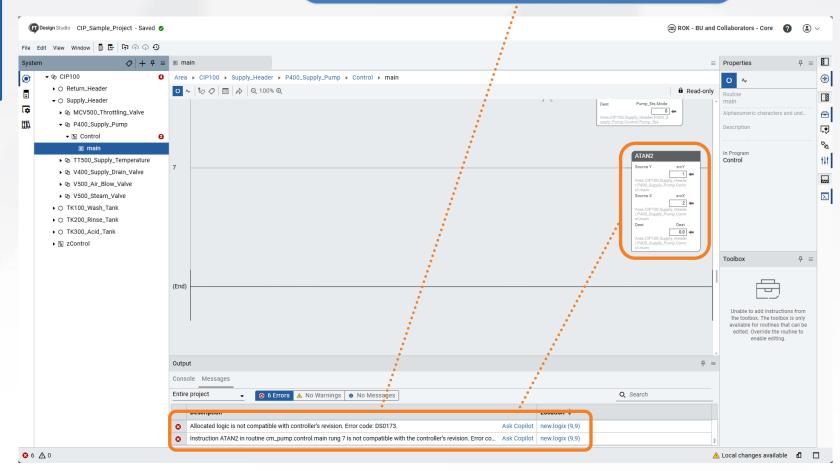
Multiple revision support

A key aspect of a multi-controller design environment

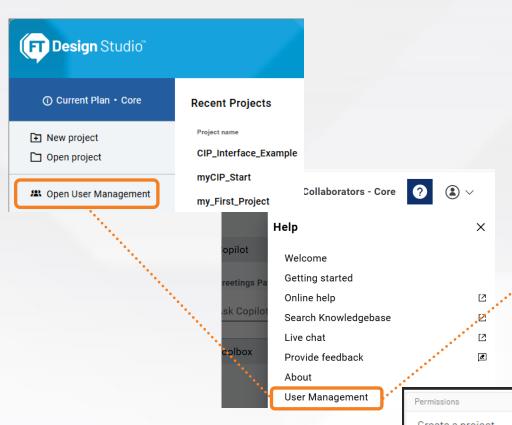
Develop, deploy, and manage multicontroller projects from the same ecosystem without having to manage firmware in the controller.

- MRS helps prevent users from deploying content that a controller's firmware does not support
- MRS provides feedback during code development that assists users in making informed decisions on actions that will ultimately result in code validation errors.
- Currently supported:
 - ControlLogix® and CompactLogix® L8 controllers
 - Firmware versions V34, V35, V36, and V37

Users will be alerted when attempting to deploy code to a controller whose current firmware doesn't support certain instructions



Role-based access control



The owner of the FactoryTalk® Hub™ organization will have both Admin and Engineer roles by default. If you are an admin at the FactoryTalk® Hub™ level, you will be an admin at the service level.

User Administrator

Engineer (default)

~

☐ Guest

Manage access to your projects by choosing the appropriate role for the user's job function.

Permissions Guest role Engineer role Administrator role

Create a project X X

Copy / Save as X

Open a project X X

Manage user roles

Version control Push

Email

Tony Car...

Sabina B.

tcarrara@r...

ghan@ra.r.

sabina.buj..

48f1a... anagdev@...

☐ Design Studio ☐ CIP_Interface_Example - Saved ②

File Edit View Window

▶ ○ TK100_Wash_Tank

▶ ○ Return_Header

▶ ○ TK300_Acid_Tank

▶ E zContro

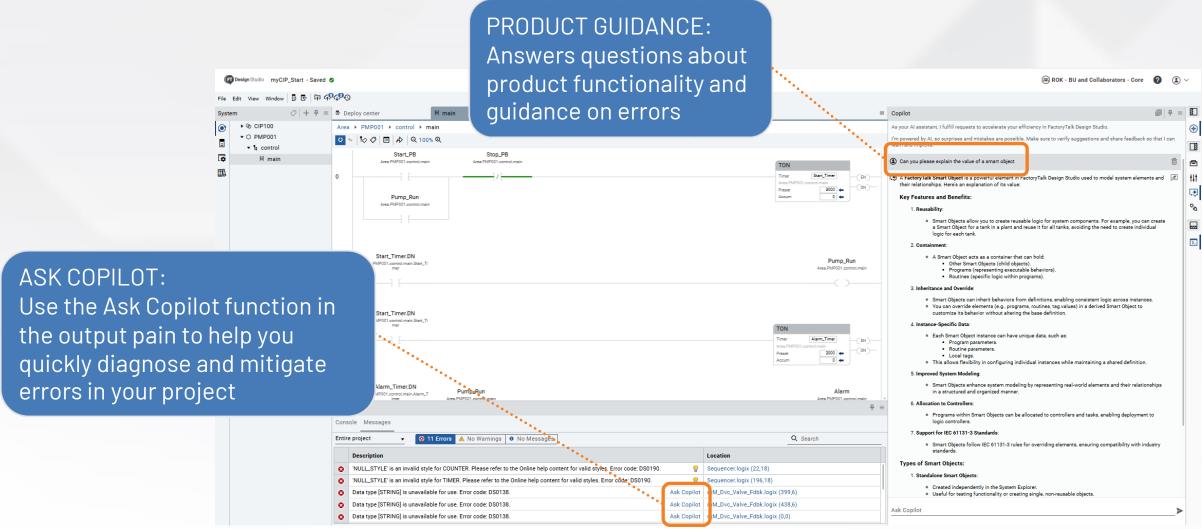
▼ ② CIP100

User access by assigned role

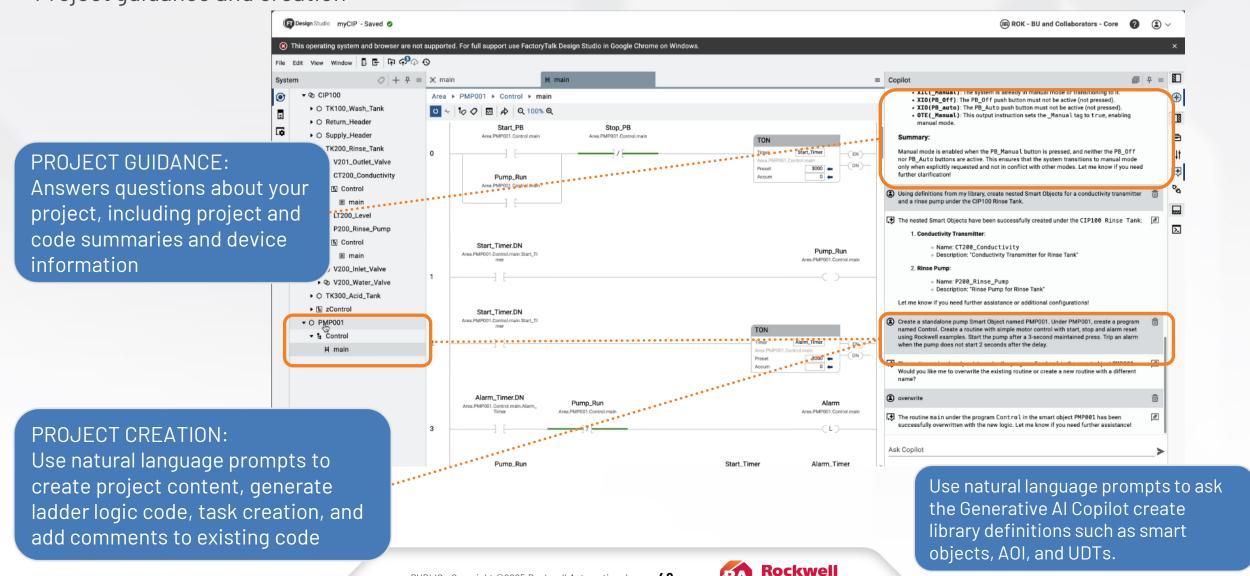
The administrator role is responsible for managing permissions and access levels in the FactoryTalk® Hub™ organization.

Permissions

Product guidance



Project guidance and creation

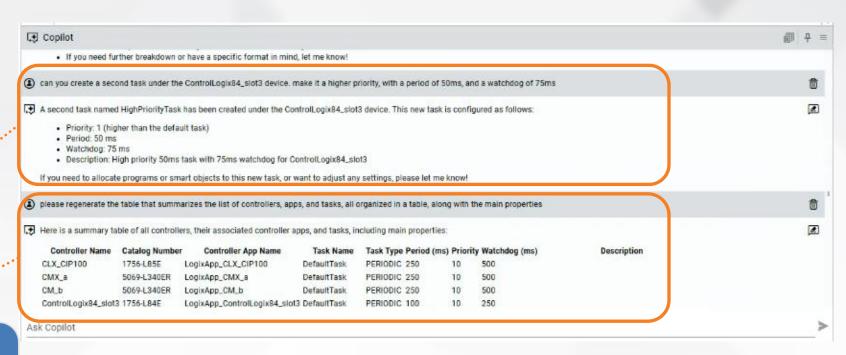


Task creation

Use the Generative Al copilot to create tasks with specific properties and parameters.

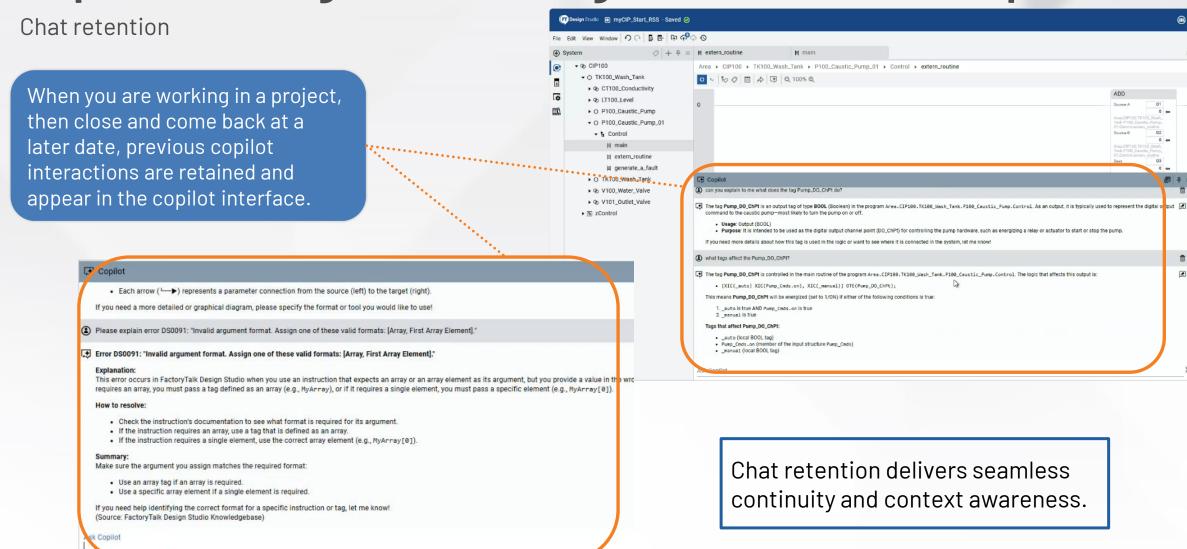
Move programs from one task to another, then ask copilot to summarize the changes that were made in a tabular format.

Easily drag-and-drop that information into an excel spreadsheet for easy desktop access.



Controller Name		Major ✓ Mir	nor Controller App Name	▼ Task Name	▼ Task Typ ▼	Period (ms) P	riorit 🔻	Watchdog (ms) ▼	Inhibite	Description	¥
CLX_CIP100	1756-L85E	37	1 LogixApp_CLX_CIP100	DefaultTask	PERIODIC	250	10	500	FALSE		None
CMX_a	5069-L340ER	36	1 LogixApp_CMX_a	DefaultTask	PERIODIC	250	10	500	FALSE		None
CM_b	5069-L340ER	36	1 LogixApp_CM_b	DefaultTask	PERIODIC	250	10	500	FALSE		None
* ControlLogix84_slot3	1756-L84E	37	1 LogixApp_ControlLogix84_slot3	DefaultTask ♣	PERIODIC		10	250	FALSE		Area.CIP100.TK100_Wash_Tank.CT100_Co
											Area.CIP100.TK100_Wash_Tank.CT100_Co
											Area.CIP100.TK100_Wash_Tank.LT100_Lev
											Area.CIP100.TK100_Wash_Tank.LT100_Lev
											Area.CIP100.TK100_Wash_Tank.TK100_Wa
											Area.CIP100.TK100_Wash_Tank.TK100_Wa
						100					Area.CIP100.TK100_Wash_Tank.TK100_Wa
						100					Area.CIP100.TK100_Wash_Tank.TK100_Wa
											Area.CIP100.TK100_Wash_Tank.TK100_Wa
											Area.CIP100.TK100_Wash_Tank.TK100_Wa
											Area.CIP100.TK100_Wash_Tank.TK100_Wa
											Area.CIP100.TK100_Wash_Tank.V100_Wat
											Area.CIP100.TK100_Wash_Tank.V101_Outl
											Area.CIP100.zControl
ControlLogix84_slot3	1756-L84E	37	1 LogixApp_ControlLogix84_slot3	HighPriorityTask	PERIODIC	50	1	75	FALSE	High priority 50ms task with 75ms watchdog	Area.CIP100.TK100_Wash_Tank.P100_Cau
		37				30					Area.CIP100.TK100_Wash_Tank.P100_Cau





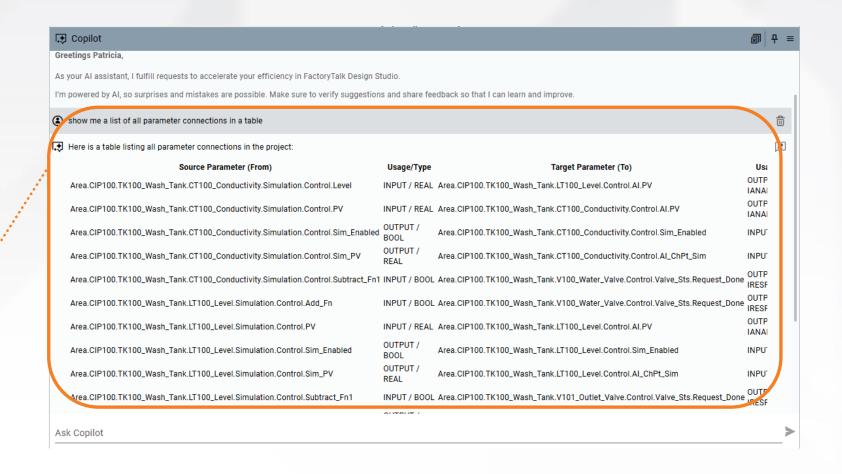
continuity and context awareness.



Create, modify, or delete parameter connections

Use the copilot to create new connections with existing/new parameters, modify connection parameter data types, direction, and more

Promote tags from LOCAL to INPUT or OUTPUT, delete parameters and view a list of parameter connections in tabular format.

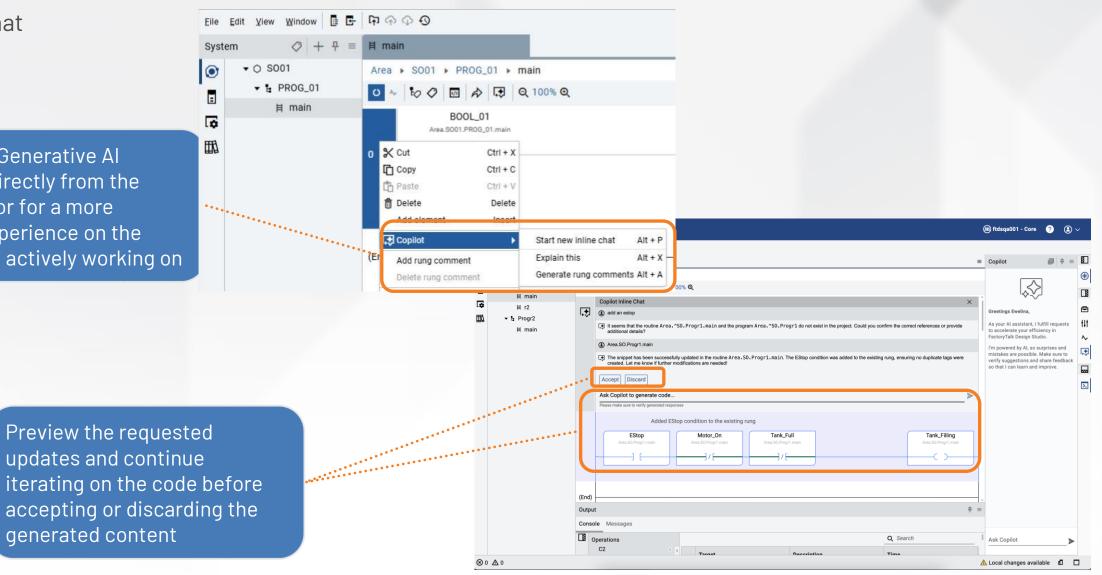




Inline chat

Invoke the Generative Al assistant directly from the ladder editor for a more focused experience on the code you're actively working on

generated content

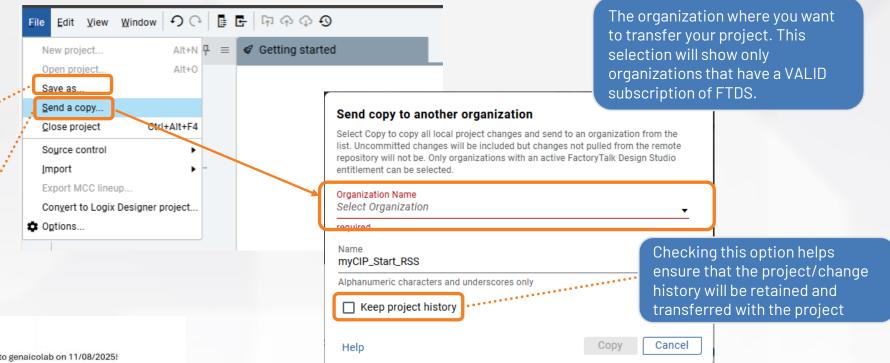


Project transfer

Seamlessly move projects between organizations

File > Save as allows you to make a copy of your project.

File > Send a copy allows you to make a copy of your project and transfer it to another organization.



Hello,

XXXXX has successfully copied myCIP_Start_RSS from FTDS 2.02 & Early Look to genaicolab on 11/08/2025!

If you have any questions, contact support at https://www.rockwellautomation.com/en-us/company/about-us/contact-us.html

Thank you.

The user transferring the project will receive an email from FTDSTeam@rockwellautomation.com confirming that the project has been successfully transferred. Any admins of that organization will also be copied

Project transfer is an especially useful capability for customers who work with delivery partners. Once design and commissioning are completed, SIs and OEMs can easily transfer the project for the operate and maintain part of the product / project lifecycle.



Al-powered design demos (click on the video to watch)

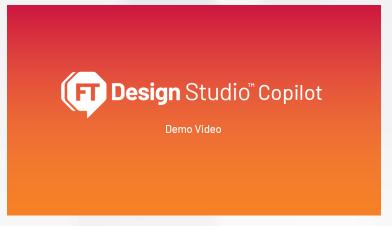
Product guidance



Project guidance



Project creation



WHAT YOU CAN DO

- Query online help topics from the chat panel
- Query error code documentation from the chat panel
- Ask Copilot how to resolve an error from the output pane

TRY IT YOURSELF using these prompts:

- What new features are available?
- What devices are supported?
- How do I create a routine?
- Are motion instructions supported?

WHAT YOU CAN DO

- Gather information from your project
- Cross-reference tag and object usage
- Understand state and sequence logic

TRY IT YOURSELF using these prompts:

- Summarize [smart-object-name].
- Explain the [routine-name] logic.
- What conditions prevent the [tag-name] from starting?

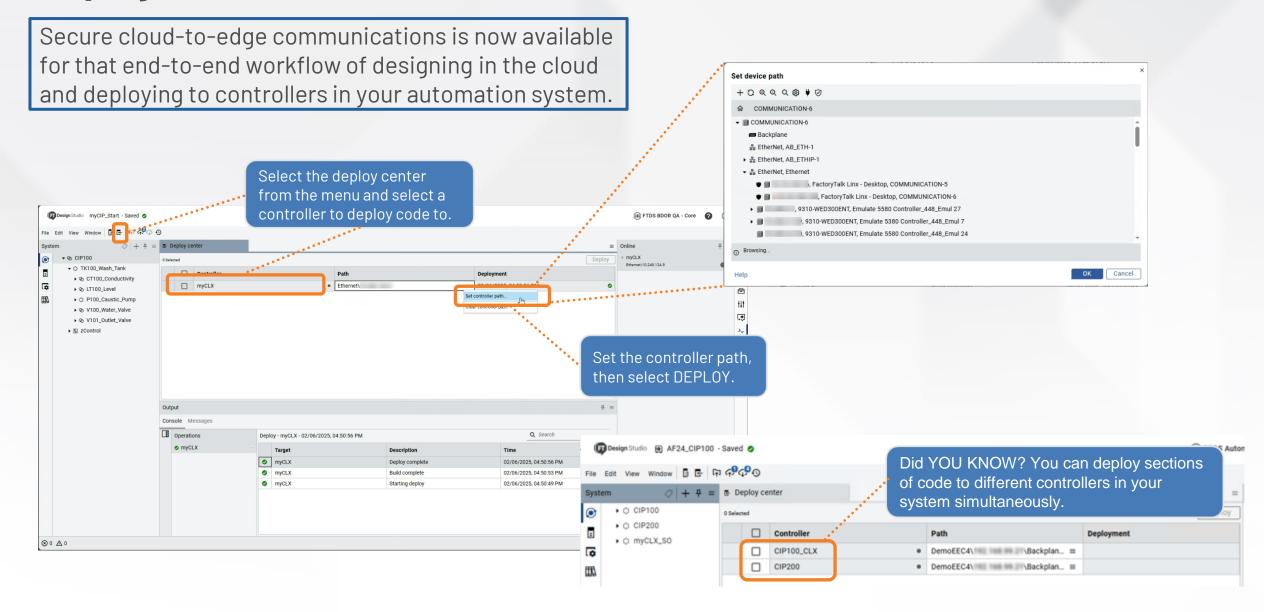
WHAT YOU CAN DO

- Generate smart object singletons and instances
- Generate AOI definitions and instances
- Generate programs, routines, and PLC code
- Allocate and schedule programs

TRY IT YOURSELF using this prompt:

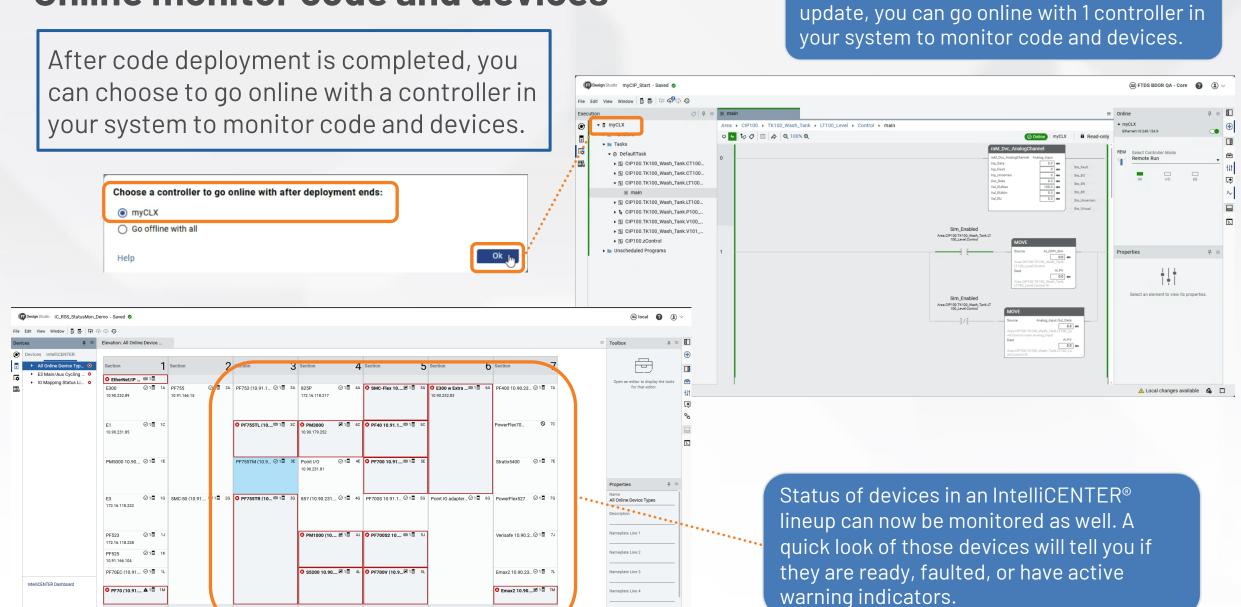
Create a pump Smart Object named PMP001. Under PMP001, create a program named Control. Update the main routine to create start and stop pump control logic using Rockwell examples. Start the pump after a 3-second maintained press. Trip an alarm when the pump does not start 2 seconds after the delay.

Deploy code to controller(s)



Online monitor code and devices

⊗ 0 △ 0

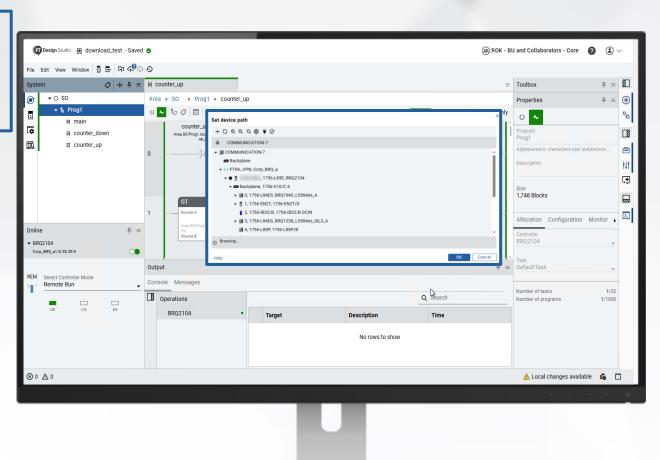


As of FactoryTalk® Design Studio™ 2.0

Cloud-to-controller comms using FactoryTalk Remote Access

Configure VPN endpoint in FactoryTalk Remote Access (FTRA) to communicate from FactoryTalk® Design Studio™ to on-prem devices

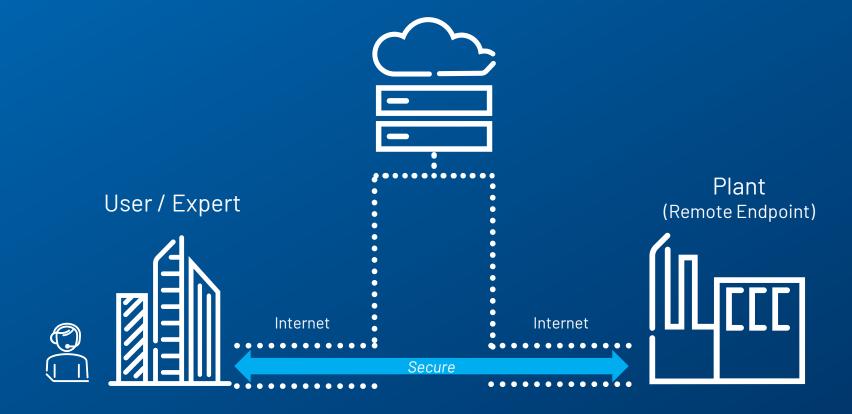
- FactoryTalk Remote Access must be allocated to the same organization as FactoryTalk® Design Studio™(FTDS)
- FTDS uses one FTRA connection per endpoint and requires only 1 entitlement
- Endpoint configuration is visible to all users and all projects in the organization
- There is no hard limit to the number of users using a single endpoint
- There is no hard limit to the number of users online with a controller





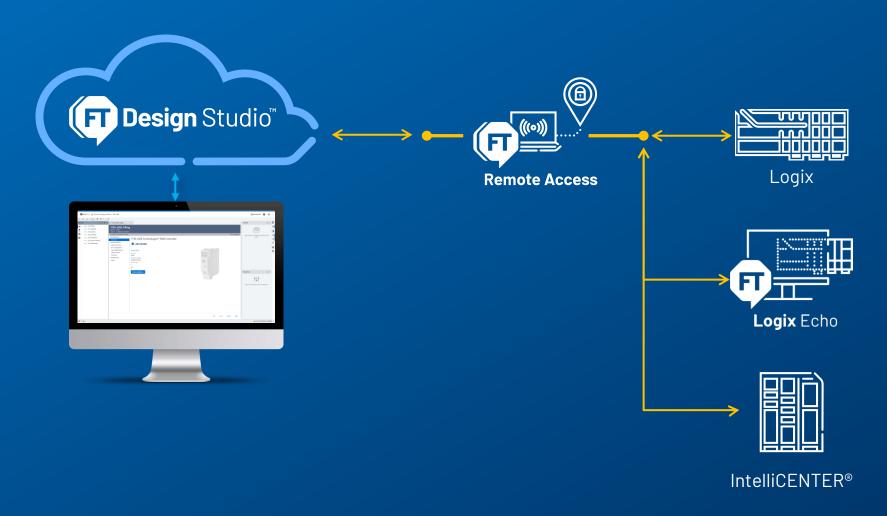
Secure cloud-to-edge communications

Delivering secure communications over the internet to enable performance and security for ondemand remote assistance, installation, programming, troubleshooting, and maintenance of remote automation systems and applications.



Connecting virtual design to edge devices

FactoryTalk[®] Design Studio™ cloud-to-edge communication



FactoryTalk Remote Access endpoint options

A FactoryTalk® Remote Access™ Runtime entitlement is provided¹

OPTIXPANEL™ COMPACT

- Ships with FactoryTalk® Remote Access™ Runtime Basic entitlement
- Upgradeable to Runtime Pro entitlement

OPTIXPANEL™STANDARD

 Ships with FactoryTalk® Remote Access™ Runtime Pro entitlement



EMBEDDED EDGE COMPUTE™

- Ships with FactoryTalk® Remote Access™ Runtime Pro entitlement
- Ships with FactoryTalk® Optix™ Runtime Xtra-Small entitlement
 - Upgradable to FactoryTalk® Optix™ Runtime Small - XL



ASEM™ 6300 INDUSTRIAL PC2

- Includes a FactoryTalk® Remote Access™ Runtime Basic entitlement
- Available on all ASEM[™] 6300 iPCs, new and existing purchases.



¹Remote access is not enabled or turned on by default, use the device's system manager to configure and enable remote access ²Download the FactoryTalk® Remote Access™ basic runtime from the <u>Product Compatibility & Download Center from Rockwell Automation</u>





2.02 update

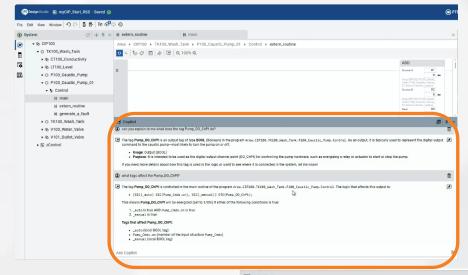


Al-powered design and user experience enhancements

Updates to the integrated Generative AI copilot (task creation, chat history retention, parameter connections, issue VCS commands) deliver capabilities to improve the design experience.

Other updates:

- 843E encoders and Stratix® 5800 device support
- IntelliCENTER® I/O mapping and unit profile updates
- Performance and usability updates including undo/redo and secure project transfer between organizations



Add devices to project

Q Search

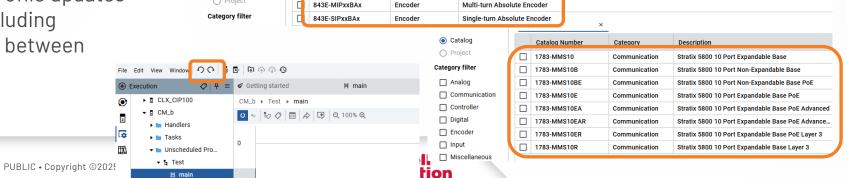
843E-MIPxxBAx

Show devices from

Catalog Project

▶ ■ CMX_a





Multi-turn Absolute Encode



The 2.02.01 update delivers more programming options!

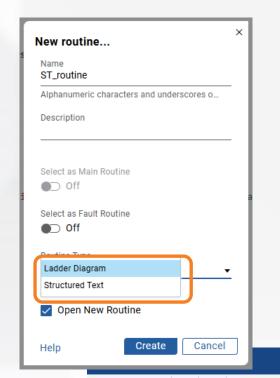
Addition of another IEC 61131-3 programming language

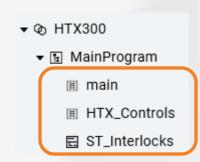
Structured Text is now available in the FTDS environment, providing users programming options when designing their automation system.

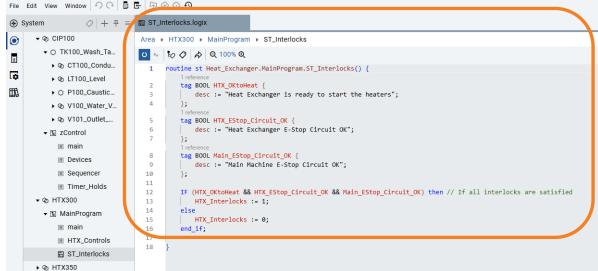
Structured text is ideal for:

- complex logic operations
- mathematical computations
- data handling and manipulation

Copilot also supports Structured Text, creating and deleting routines, creating code, changing routine types, and more based on user's natural language prompts.









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, AOIs, UDTs
- Definition and instance inheritance

Learn more

FACTORYTALK HUB

- Home page <u>HERE</u>
- Get started <u>HERE</u>

FACTORYTALK DESIGN STUDIO

- Learn more HERE
- Get an entitlement <u>HERE</u>
- Get a NO COST 90-day trial <u>HERE</u>
- Webinar showcasing FTDS 2.0 capabilities <u>HERE</u>
- Setup cloud-to-controller communications HERE
- View the ordering guide <u>HERE</u>
- Internal content that can be shared with customers:
 - View commercial presentation <u>HERE</u>
 - Get started <u>HERE</u>

FACTORYTALK REMOTE ACCESS

- Learn more HERE
- View the ordering guide <u>HERE</u>
- Get an entitlement HERE
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Thank You



www.rockwellautomation.com



expanding human possibility°

