

FactoryTalk® Linx

Ordering guide

The FactoryTalk Linx portfolio is the only communications platform that is designed, tested and built alongside the Logix hardware and software that powers The Connected Enterprise.

Data

Modern operations are more data-driven than ever before. The right communications layer means that your system can harness the right data in the right places at the right time.



SMART ARCHITECTURE

Create consistent and scalable architectures. Use the same communications, configuration and services across control, visualization, and floor devices.



SECURITY

Retain control of device communications and data security on a communications platform with layered security, audit, and logging.



AVAILABILITY

Confirm that your communications network is reliable and available by supporting various redundancies from data servers to networked hardware platforms.



EFFICIENCY

Use the high-performance communications layer to reduce network and controller burden that allows for the most efficient hardware choices.

“FactoryTalk® Linx Gateway performs the best when compared to other OPC Servers in this study for ControlLogix L7 and L8 communication purposes”

Exida OPC server comparison for ControlLogix L7 and L8 controllers

What is FactoryTalk Linx?

FactoryTalk Linx is the portfolio of communications software that power The Connected Enterprise that includes:

FACTORYTALK SERVICES PLATFORM

FactoryTalk Linx

Premier connectivity to Allen-Bradley® control hardware

** Included with most Rockwell Automation software to facilitate delivery of realtime automation system data*

FactoryTalk OPC-DA Interface

Connect to third-party OPC-DA servers

FactoryTalk Linx OPC UA Connector

Connect to third-party OPC UA Servers



FactoryTalk Linx Gateway

.....
Data access (OPC DA/UA; Excel) and system management services



FactoryTalk Linx Data Bridge

.....
Move data between FactoryTalk sources



KEPServer Enterprise

.....
Connect to third-party hardware and network protocols

FactoryTalk Linx CommDTM

.....
Communications service for asset management of EtherNet/IP process devices

** Free download from the RA product compatibility and download site*

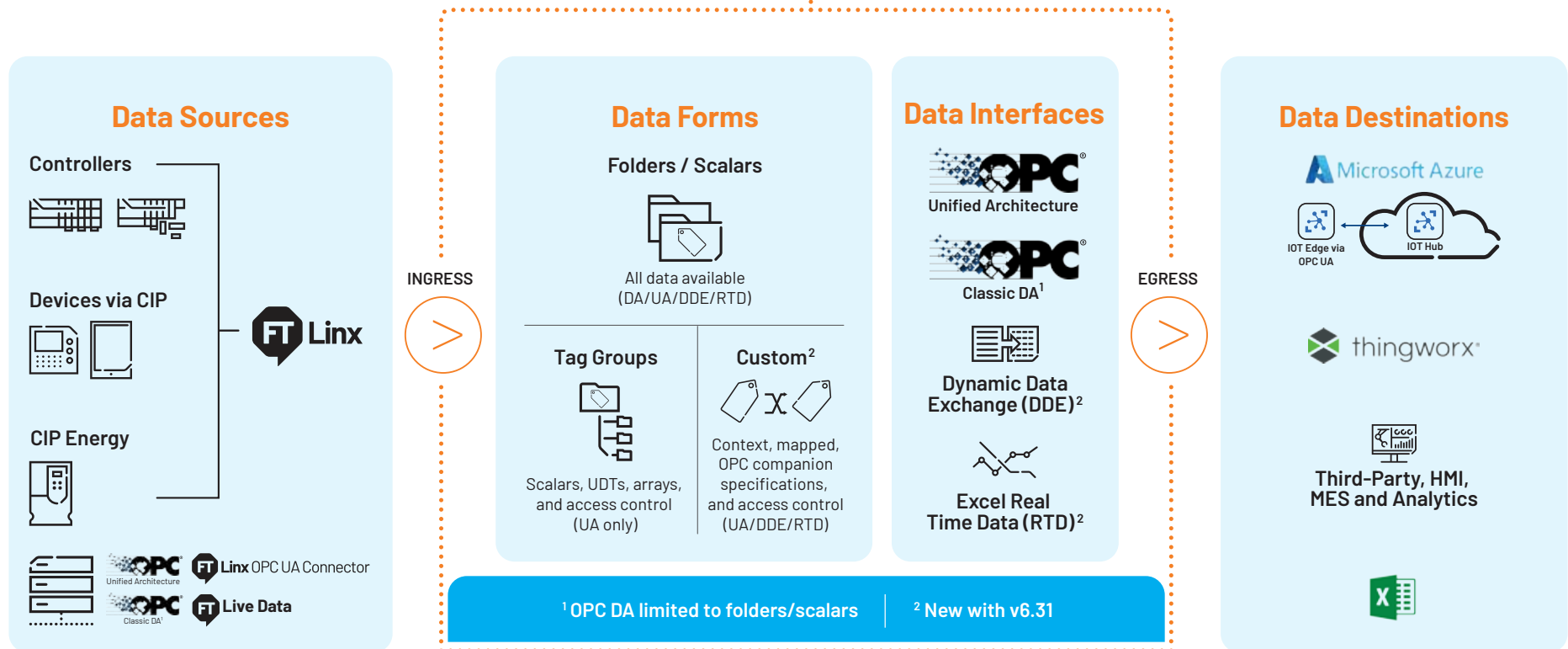
+ = Purchased separately

Explore FactoryTalk® Edge Gateway [HERE](#)



Are you looking for cloud connectivity for your data? FactoryTalk® Edge Gateway offers integration with various cloud, IIoT, and big data applications including ThingWorx, Microsoft Azure Internet of Things Hub, Microsoft SQL and more.

FT Linx Gateway



Data Sources

Premier integration to Rockwell Automation control equipment via FactoryTalk Linx and communicate with third-party servers and equipment via OPC DA and UA

Data Forms

Simple access to all system data, configure groups to limit access to structured data or custom data-model to reorganize / rename data for improved understanding

Data Interfaces

Standard legacy (OPC DA and DDE) and modern OPC UA and RTD protocols to deliver automation system data for third-party software to co-exist with FactoryTalk software

Data Destinations

Utilize third-party and Microsoft Excel software to monitor, manage, track, analyze and diagnose control system operation

How and what to order?

Choose the right FactoryTalk Linx Gateway edition that fits your needs

| Edition | Data acquisition / Tag capacity | System Operation | Other Capabilities |
|---------------------|---------------------------------------|-------------------------|--|
| Basic | OPC DA, OPC UA, RTD or DDE 1K | Local / Station | N/A |
| Standard | OPC DA, OPC UA, RTD 5K; DDE, 4K | Local / Station | SDK single device |
| Extended | OPC DA, OPC UA, RTD 15K; DDE, 4K | Local / Station | SDK multiple devices |
| Distributed | OPC DA, OPC UA, RTD 32K; DDE 4K | Distributed / Redundant | SDK multiple devices |
| Professional | OPC DA, OPC UA, 500K; RTD 40K; DDE 4K | Distributed / Redundant | SDK multiple devices, FactoryTalk Linx Data Bridge 200K Tag Pairs and Remote Proxy service |

UNDERSTANDING SELECTION CRITERIA

DATA ACQUISITION PROTOCOLS

Open Platform Communications (OPC) provides client / server interface.

Classic: Data Access (DA) uses DCOM, Unified Architecture (UA) uses secure TCP.

Dynamic Data: Exchange DDE and Excel Real Time Data (RTD) are limited to software on the same computer. (Qty K=1,000)

SYSTEM OPERATION

Specifies where FactoryTalk Linx and FactoryTalk Linx OP UA Connectors can reside:

- Local on same computer with FactoryTalk Linx Gateway (station).
- Up to 10 separate distributed and redundant computers.

OTHER CAPABILITIES

- Third-party software communicates directly to hardware using the Software Development Kit (SDK).
- FactoryTalk Linx on different computers bridge through the Remote Proxy Service to the automation network.
- FactoryTalk Linx Data Bridges moves data between automation components.

Learn more about industrial communications and FactoryTalk Linx [HERE](#)

Let's get started – what's the best model for you?

You have options.



We're with you

SUBSCRIPTION MODEL

Your needs might change and you want to keep things flexible. You pay as you go. Buy for what you need today, and keep your eye on tomorrow.

PERPETUAL LICENSE WITH SUPPORT

You know what you need and things are steady. You buy what you want and that's the license you have.

SELF-ASSIST

Stay up to date with the latest versions, but you don't need any real-time phone support.

8 TO 5 SUPPORT

Get the latest versions, and if you need us, you have our number.





24/7 SUPPORT

Anything you need, any time of day, any day of the week.

Now you're ready

Get it in your hands

Click **HERE** to visit the one stop shop for FactoryTalk® Linx Software.

Connect with us.    

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