

Configuring FactoryTalk Linx (aka RSLinx Enterprise) Communications

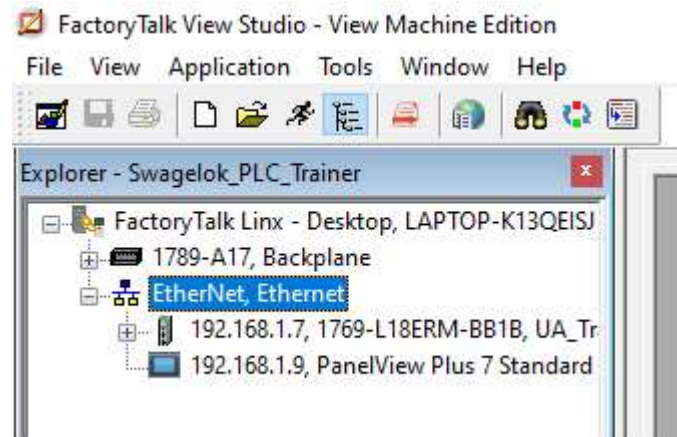
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General Configuration Tasks

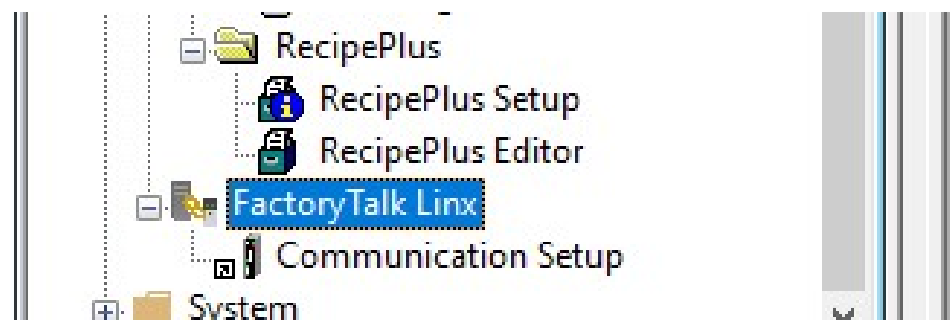
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- Add drivers if the desired communications path differs from the default options
- Add devices and device shortcuts when preparing for online communication with one or more controllers



FactoryTalk Linx (aka RSLinx Enterprise) *Swagelok*

- A FactoryTalk-enabled communications server that is bundled with FactoryTalk View ME software. It links networks and devices.
 - FactoryTalk Linx, formerly called RSLinx Enterprise, is the preferred data server for Rockwell Automation FactoryTalk-enabled products. FactoryTalk Linx takes data from Rockwell Automation controllers. Through FactoryTalk services, it delivers data to FactoryTalk-enabled applications via Live Data. Live Data is the communication protocol used in the FactoryTalk suite of software products.
 - The software is accessed from the Explorer window of an open application:



Other software features



- Optimized for use with Rockwell Automation controllers:
 - Logix5000 family
 - Also supports legacy PLC-5 and SLC 500 products
- KepServer Enterprise drivers available for connections to third-party products
 - KepServer Enterprise is used to communicate with non-Rockwell Automation devices like Siemens or Modicon controllers. KepServer Enterprise does not require activation or licensing for FactoryTalk View ME.

FactoryTalk Linx VS RSLinx Classic



- FactoryTalk Linx
 - Collects runtime data for FactoryTalk View ME applications from a specific processor or controller
- RSLinx Classic Software
 - Provides the network connections necessary to upload and download logic files to processors or controllers
- Note: RSLinx Classic software and FactoryTalk Linx software cannot share the same driver

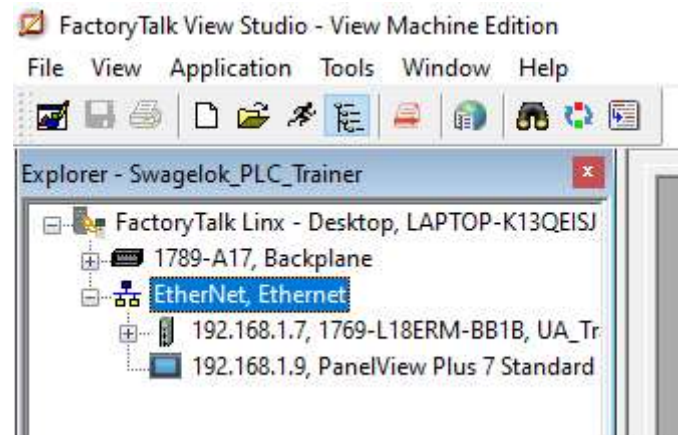
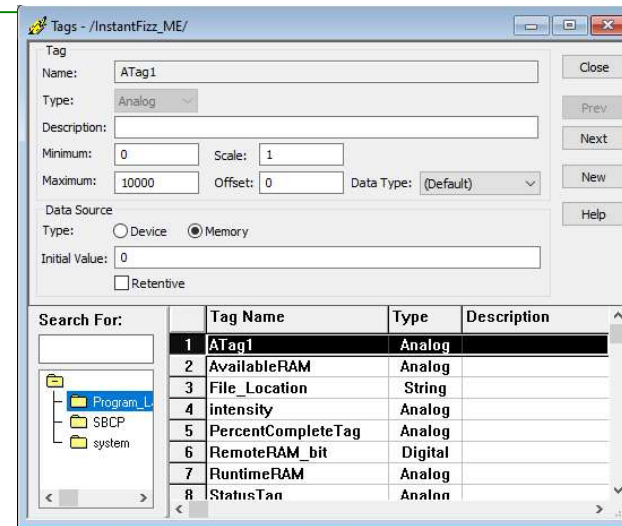
Tags & Drivers

- Tag

- An area of memory where data from devices, calculations, and other content is stored

- Driver

- A software configuration that allows a computer to access a specific type of external device, such as a PLC



Types of HMI Configurations

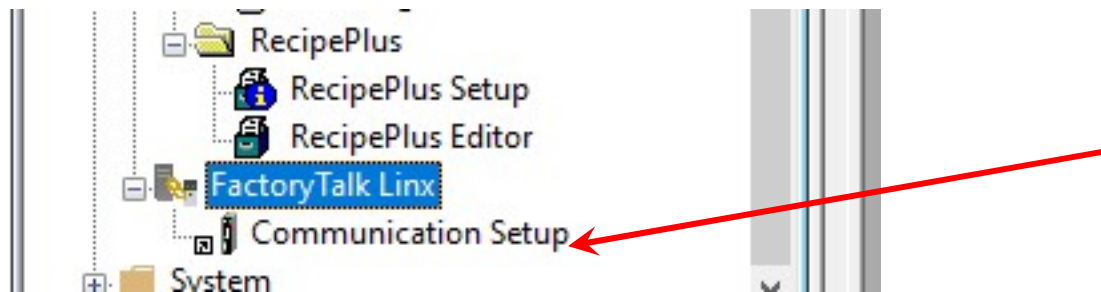


- Design Configuration
 - A communications path between a development computer running FactoryTalk View Studio software and the processor(s) controlling an application
 - It is for establishing the location of the tags/addresses for editing.
 - Creating a design configuration allows the users to test application from the development computer before downloading the application to a PanelView Plus Terminal
- Runtime Configuration
 - A communications path between a PanelView Plus terminal running FactoryTalk View ME Station software and the PLC controlling an application.

Configuring FactoryTalk Linx

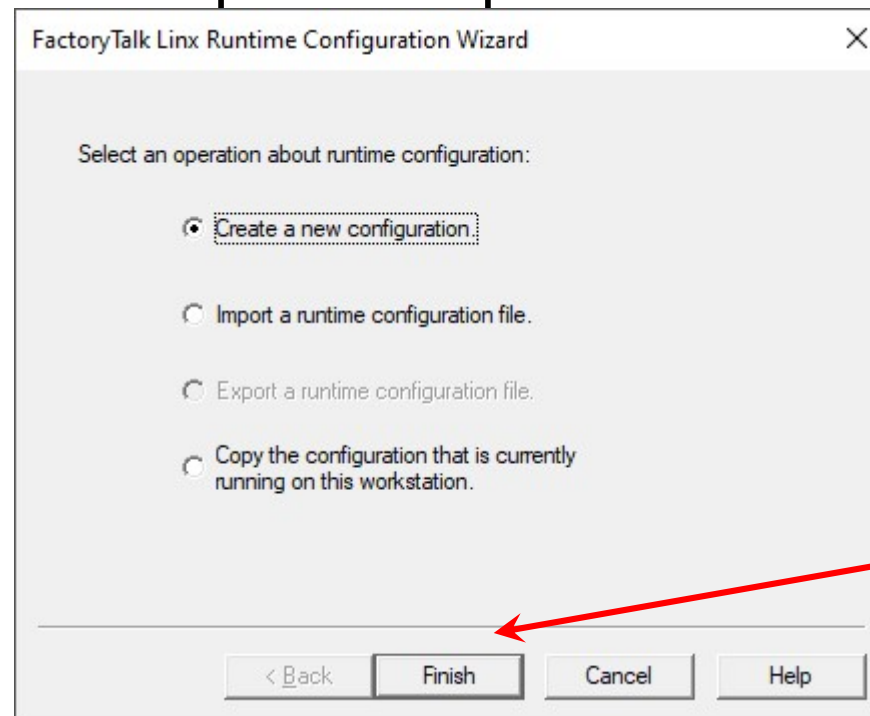
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1. In the Explorer window, open the FactoryTalk Linx data server.
2. Double-click the Communication Setup editor.

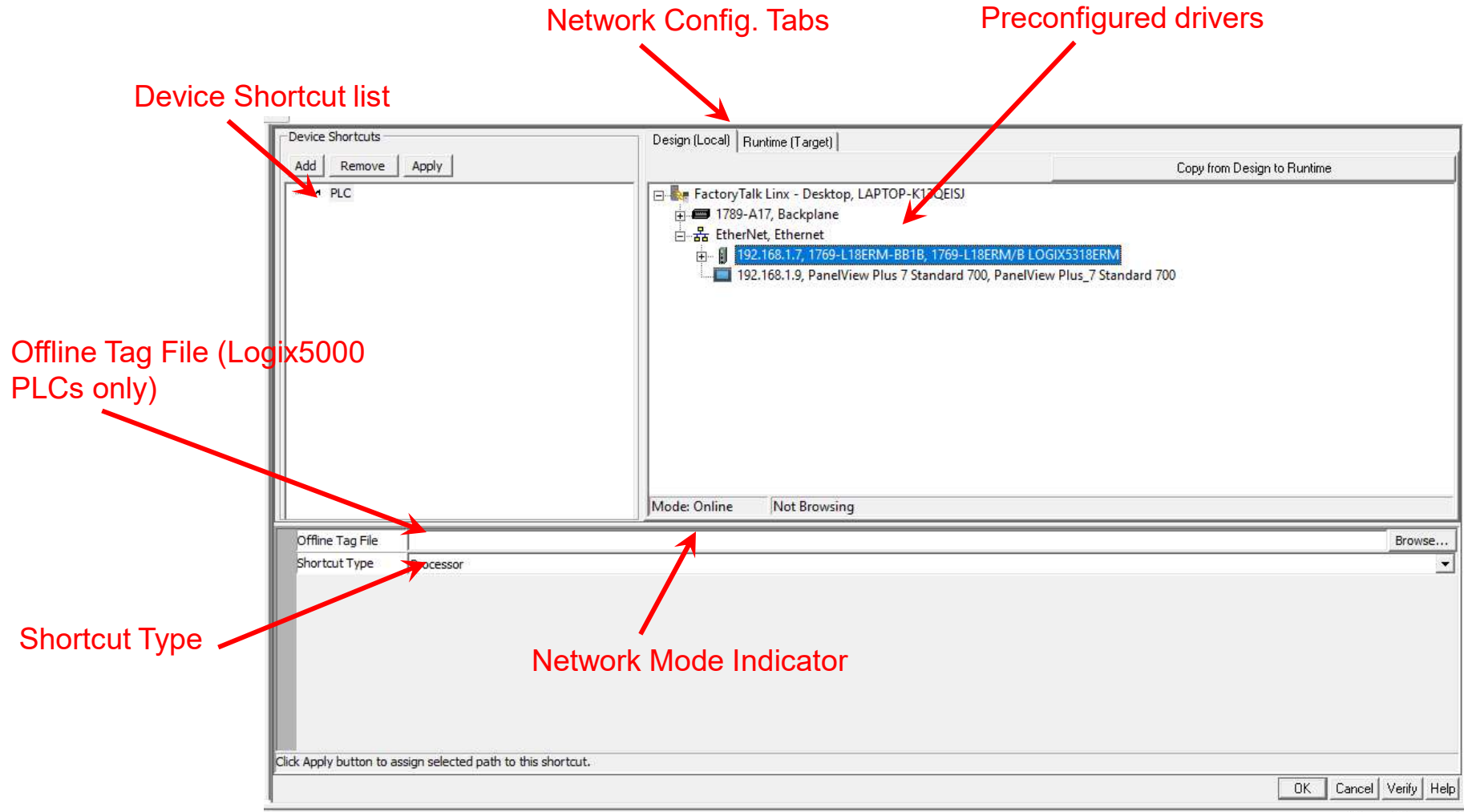


Configuring FactoryTalk Linx

- In a new application, the FactoryTalk Linx Configuration Wizard opens. Follow the instructions to create a new configuration or use an existing device configuration.
- Once you make a choice and click Finish, the Communication Setup editor opens.



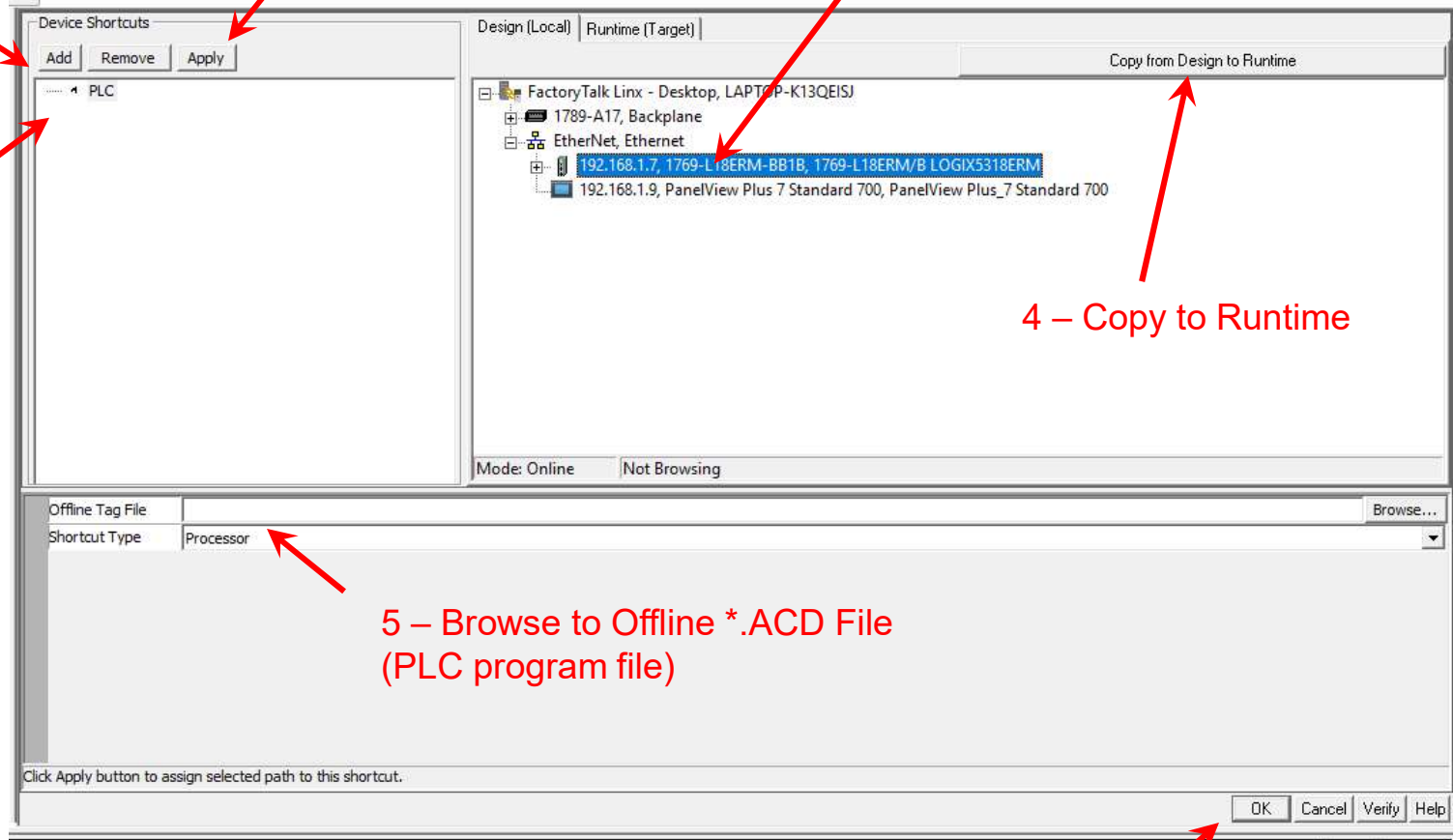
Communication Setup editor



Adding a Shortcut

- 1 – Click Add
- 2 – Enter name of shortcut
- 3 – Select device (PLC)
- 6- Click Apply

2 – Enter name of shortcut



4 – Copy to Runtime

5 – Browse to Offline *.ACD File (PLC program file)

7- Click Ok

Tag Browser after Communication is Configured

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