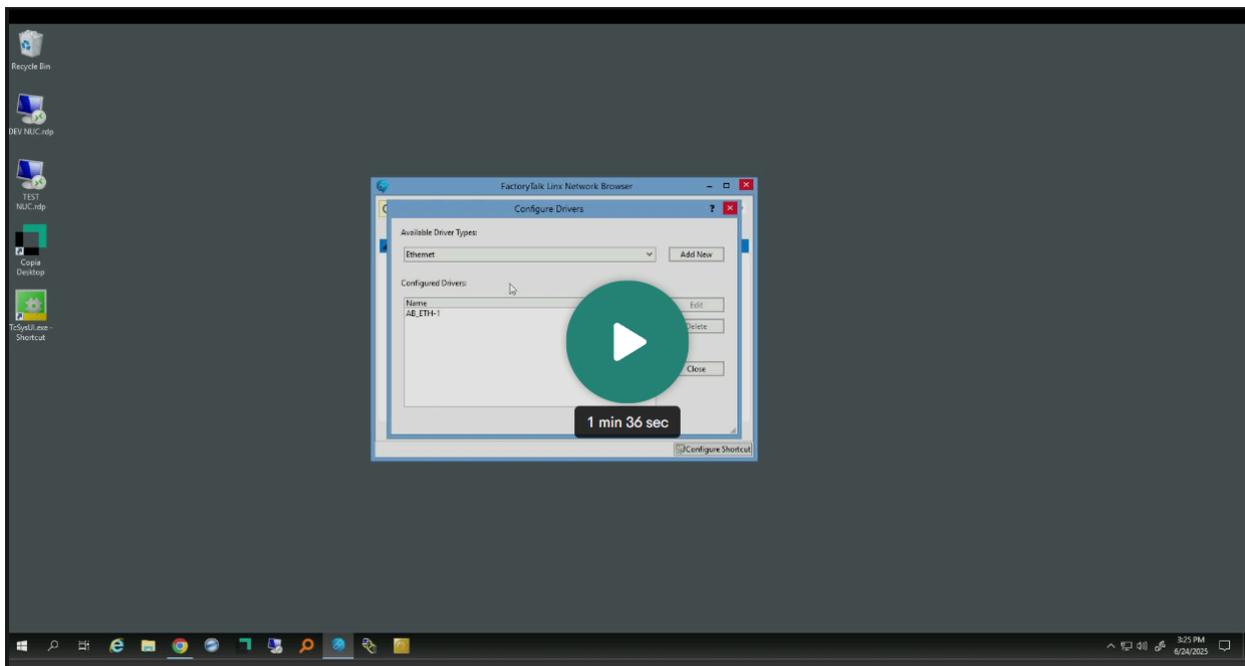


## DeviceLink - Rockwell PanelView ME Quicksheet

### Purpose

The purpose of this document is to provide clear, step-by-step instructions for setting up a Rockwell PanelView within Copia's DeviceLink platform.

### [Video Tutorial](#)



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# Device Configuration/Setup

## Agent FTLinux Configuration

To get started, the PanelView needs to be set up in Rockwell's FTLinux communication software:

### Step 1: Open FTLinux

1. Launch the **FactoryTalk FTLinux Network Browser** software on your computer.
2. Ensure the software is installed and licensed if necessary.

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### Step 2: Configure an Ethernet Driver

1. In the menu bar, click "**Configure Drivers**".
2. In the **Configure Drivers** dialog box:
  - From the **Available Driver Types** dropdown, select **Ethernet**:
  - Click **Add New**.
3. Assign a **unique name** to the driver when prompted and click **OK**.
4. In the **Configure Driver** menu:
  - Click **Add New**.
  - Enter the IP address of the PanelView device.
    - You can add multiple IP addresses if needed.
  - Click **Apply** then click **OK** to save.

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### Step 3: Verify Device Communication

1. Back In the **FactoryTalk Linx Network Browser** main window:
  - Find the ethernet driver that was created in Step 2 and expand it by clicking the **Down Arrow** next to the driver's name.
2. Confirm the communication status:
  - If the Agent can communicate with the device, device information should be shown next to the IP address.
    - Note: a red "X" next to the device's IP address indicates communication cannot be established.

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## Setup the Project and Device in DeviceLink

Follow the steps below to set up the project and device in DeviceLink:

### 1. Initiate Project Configuration:

- In the Copia interface, navigate to the **Projects** tab.
- Click on **“Add a Project”** to open the project configuration dialog.

### 2. Project Setup:

- **Select Project Type:** Choose **“Rockwell PanelView ME”** from the list.
- **Assign an Agent:** Select an existing Agent or assign one later if not already created.
- **Set Project Path:** Specify the repository and branch where the backup from the device should be committed.
- If a desired directory is already set up in the repository, select that directory. If not, check the **“Create and select a new directory in [REPO NAME]/[BRANCH]”** box, which will create a new directory with the name specified.
- **Project Details:** Enter the **Project Name** and optional **Description**.
- Click **“Save and Continue”**.

### 3. Device Setup:

- In the Device Setup section, click **“Add a Device”**.
- Enter a **Device Name** and optional **Device Description**.
- Enter the **Communication Path** for the PanelView:
  - The communication path should be entered in the following format:  
[DriverName][IP ADDRESS]
    - Example: AB\_ETH-1\192.168.1.21
  - Note: More complex communication paths are supported for this integration.
    - Example: AB\_ETH-1\10.20.11.30\Backplane\0\A\192.168.1.100
  - Note: if the PanelView has a secondary address, contained in brackets when browsing the device in FTLinux, be sure to include this in the communication path.
    - Example: AB\_ETH-1\10.64.159.10[192.168.1.10]\A2\192.168.1.1
- Select which the **“Storage Type”** for the PanelView:
  - **Internal Storage** is the integrated disk of the PanelView HMI.
  - **External Storage 1** is typically the PanelView's onboard SD card.
  - **External Storage 2** is typically a USB storage device.

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- Check the boxes for the storage methods that apply for this device. The Copia Agent will attempt to retrieve all available runtime files from the selected Storage Types.
  - After the configuration is complete, click “**Save Device**”.
3. **Job Setup:**
- In the **Job Setup** section, click “**Add a Job**”:
    - **Job Name:** Enter a descriptive name for the job.
    - **Timeout Duration:** Set the maximum time the job is allowed to run.
    - **Schedule:** Set the frequency and timing for backups.
    - **Auto-Commit:** Select if you want auto-commit enabled and which branch to commit to if enabled.
    - Click “**Save Job**”.
    - **Note:** Copia recommends using a sitewide job schedule instead of individually scheduled jobs. Copia Documentation: [DeviceLink Sitewide Job Schedule](#).
4. **Submit the Configuration:**
- After completing the project, device, and job setups, click “**Submit Project Setup**” to finalize the configuration.

By completing these steps, your Rockwell PanelView will be set up in DeviceLink for automated backups and change detection.