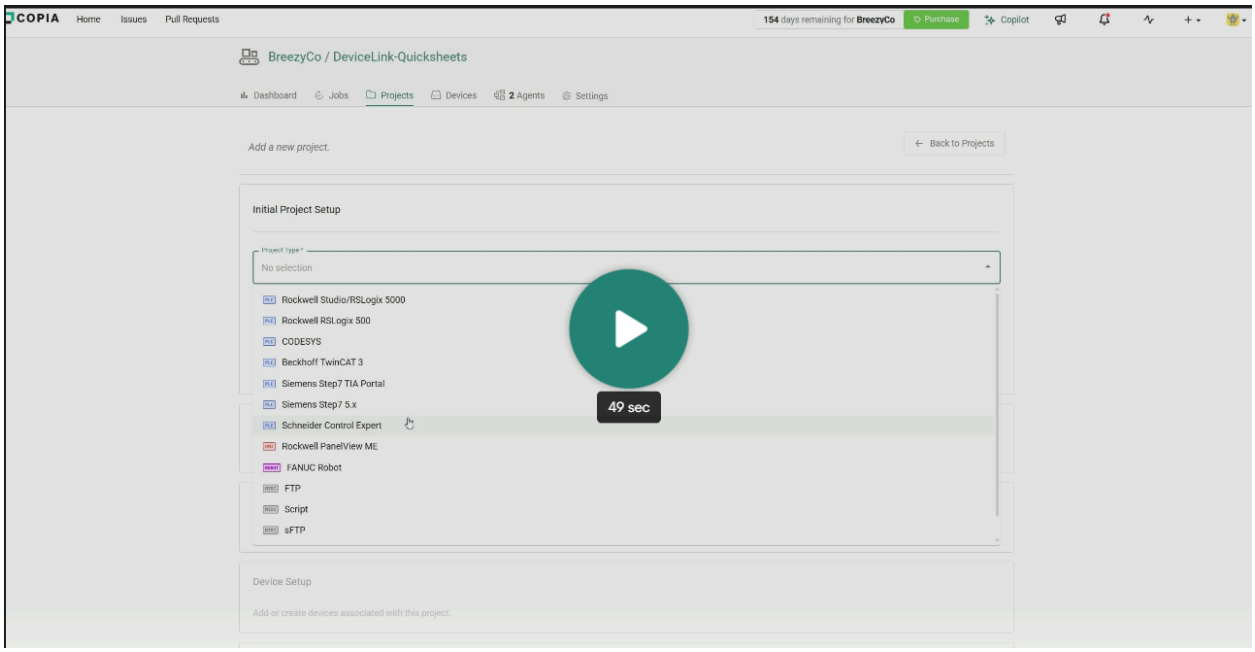
DeviceLink – Schneider Control Expert Quicksheet

Purpose

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

Video Tutorial

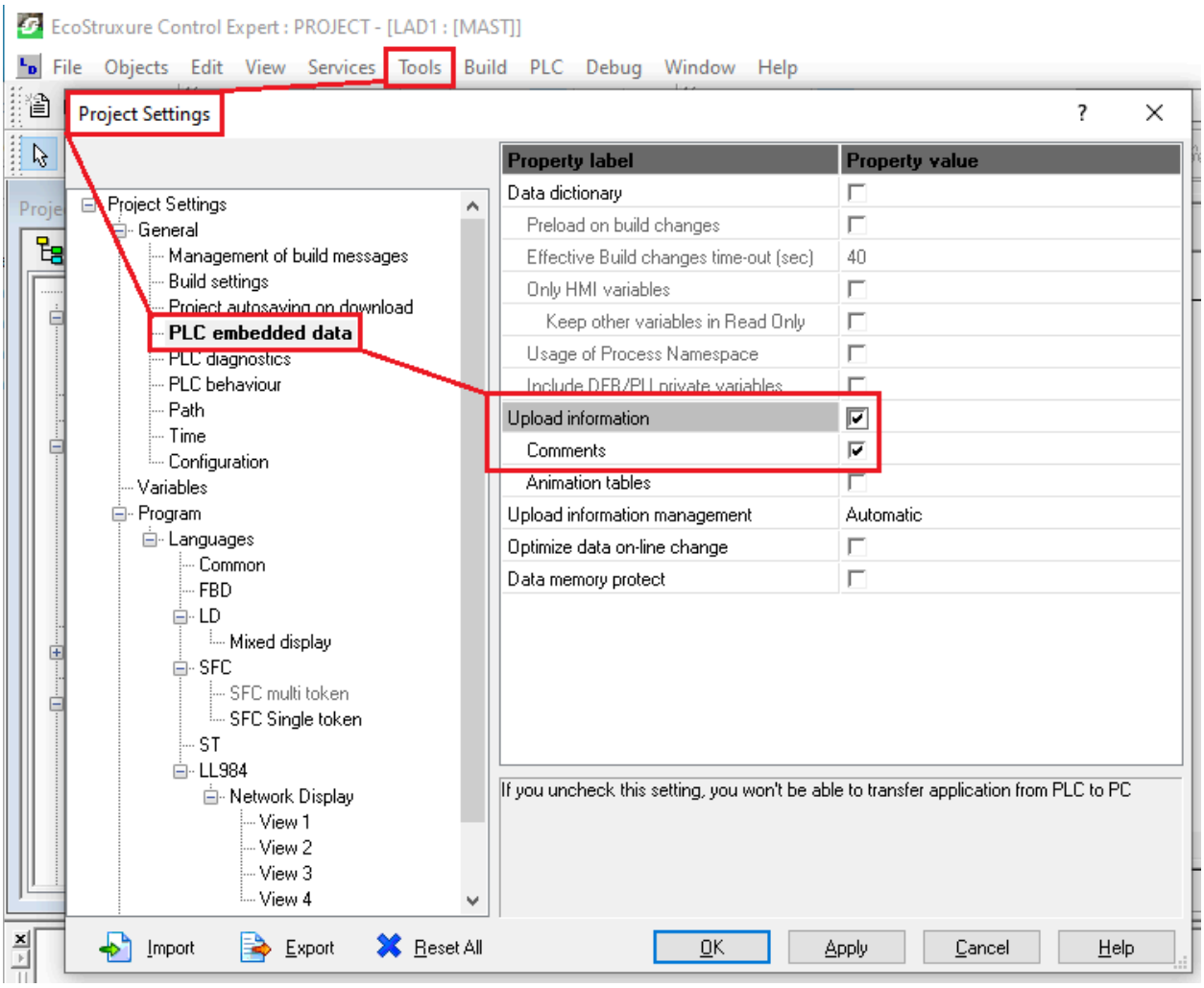


Device Configuration/Setup

Control Expert Settings

Enable Upload Information in Control Expert:

1. Open **Control Expert** software on the Agent server.
2. Navigate to **Tools >>Project Settings>>PLC embedded data>>Upload information** and check the **Upload information** and **Comments boxes**.



3. Ensure these settings are downloaded to the controller to allow for upload of comments during a DeviceLink job.

Configure the Project and Device in DeviceLink

1. **Initiate Project Configuration**:
    - In the Copia web application, navigate to the **Projects** tab.
    - Click on "**Add a Project"** to open the project configuration dialog.
2. **Project Setup**:
    - **Select Project Type**: Choose **"Schneider Control Expert"** 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 project (.STU file) is stored.
    - **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"** and add device information:
        - **Device Name**: Enter a unique name for the device.
        - **Description**: Enter an optional description.
        - **Communication Path**: Enter the IP address of the controller.
    - Click "**Save Device"**.
4. **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.
5. Click **Submit the Configuration**:
    - After completing the project, device, and job setups, click "**Submit Project Setup"** to finalize the configuration.

By completing these steps, your Schneider Control Expert PLC will be set up in DeviceLink for automated backups and change detection.