| TAAL SET _ SETTINGS | Revision |            |  |  |
|---------------------|----------|------------|--|--|
| IVULJEI - JEITIMUJ  | Date     | 13/03/2025 |  |  |

# Network settings overview

#### Network

The **Network** page is used to configure the connection to the device. All PC network connections are displayed in the menu. Click the required network adaptor and confirm that it is connected (1). Select **Use Selected Adaptor** to confirm the chosen network adaptor (2). If your network adaptor is not displayed, select the **Refresh Network Settings** option (3).

| Network Adapters  |   |  |   |   |                       |                          |
|---|---|--|---|---|-----------------------|--------------------------|
| Select the network adapter you wish to use to communicate with devices.                       |   |  |   |   |                       |                          |
| Ethermet 1 Connection 1<br>Connected Intel(7) Ethermet Convection (13) 1219-LM C 254 (199.245 | Local Area Connection* 2<br>Disconnected<br>Microsoft Wi-Fi Direct Virtual Adapter #2 | Ethernet 2<br>Cable unplugged<br>Fortinet Virtual Ethernet Adapter (NDIS 6<br>169.254.79.135 | Wi-Fi<br>Connected<br>Intel(R) Wi-Fi 6 AX201 160MHz<br>172.16.255.189 | <ul> <li>Bluetooth Network Connection<br/>Cable unplugged<br/>Bluetooth Device (Personal Area Network)<br/>169.254.171.129</li> </ul> | 0                     |                          |
| OUse Selected Adapter 2   |   |  |   |   |                       |                          |
| Restore   |   |  |   |   |                       |                          |
| A backup of the original network settings is made before any changes are applied. You         | should restore the original settings if you need                                      | to access another network with the current r   | etwork adapter after exiting the application                          | n. Note, the backups will be lost when you  | exit the application. |                          |
| Restore Previous Settings   |   |  |   |   |                       |                          |
|   |   |  |   |   | 3                     | Refresh Network Settings |

If there is a network error, for example, multiple network adaptors are found, an error is displayed with a brief description of the error. Make sure that the ethernet adapter shows as **Connected** before you try to connect to a device.

| S Error - Multiple Network Adapters  | Found  |  |  |          |  |   |   |  |               |
|--|--|--|--|----------|--|---|---|--|---------------|
| Multiple network adapters (Ethernet, Etherne   | et 4) have been found that are configured to                                   | use the IP subnet used to communicate w  | th devices.  |          |  |   |   |  |               |
| The network adapters must be configured m  | anually in your operating system's network                                     | settings, so only one adapter is using the IF  | subnet used for communication. Once  | the adap | oters have been configured, click Refresh  | letwork Settings.   |   |  |               |
| Network Adapters   |  |  |  |          |  |   |   |  |               |
| Select the network adapter you wish to use t   | o communicate with devices.  |  |  |          |  |   |   |  |               |
| Ethernet<br>Connected<br>Intel(R) Ethernet Connection (13) I219-LM<br>172.16.255.233 | Ethernet 4<br>Connected<br>Realtek USB GbE Family Controller<br>172.16.255.162 | Local Area Connection* 1<br>Disconnected<br>Microsoft Wi-Fi Direct Virtual Adapter<br>169254.199.248 | Local Area Connection* 2<br>Disconnected<br>Microsoft Wi-Fi Direct Virtual Adapter #2<br>169.254.110.105 | 0        | Ethernet 2<br>Cable unplugged<br>Fortinet Virtual Ethernet Adapter (NDIS 6<br>169.254.79.135 | Wi-Fi<br>Connected<br>Intel(R) Wi-Fi 6 AX201 160MHz<br>10.150.30.15 | 0 | Bluetooth Network Connection<br>Cable unplugged<br>Bluetooth Device (Personal Area Network)<br>169.254.171.129 | Ø             |
|  |  |  |  |          |  |   |   | Refresh Netw   | work Settings |

### Data offload

On this page you can configure the root path to where outings are offloaded, as well as the name of the PDS file for the outing. You can copy the file location from the file explorer or select it via the browse button (1). You can configure this filename with property tokens, which are automatically replaced by their respective values during offload. Use the 'token browse' option to select relative path tokens (2).

| Offload Paths                      |   |   |
|------------------------------------|---|---|
| Configure where of offloaded data. | outings are offloaded to. The root path is combined with the relative path to form the complete path and filename for |   |
| Root Path                          | C:\Pi Research\Toolset\10.3\Library   | 1 |
| Relative Path                      | <year>\<track/>\<driver>\<session>.pds</session></driver></year>  | 2 |
|                                    | Relative path tokens (e.g. <year>) will be replaced with their respective values when offloading.</year>              |   |
| Preview                            | C:\Pi Research\Toolset\10.3\Library\24\Silverstone\John Smith\002.pds   |   |

On the same page you can also configure further offload settings, such as automatic offloading and deletion, to enable a more efficient workflow.

| Offload Conditions                                     |
|--|
| Configure general offload settings.                    |
| Do not automatically offload outings shorter than 60 s |
| ✓ Show short outings                                   |
| $\checkmark$ Show deleted outings still on the device  |
| Delete an outing after successful offload              |
| Automatically offload when a device is connected       |

Note: Save any changes for them to take effect (1). Click Reset to restore the default settings (2).

| Offload Paths                   |   |
|---------------------------------|---|
| Configure where offloaded data. | outings are offloaded to. The root path is combined with the relative path to form the complete path and filename for |
| Root Path                       | C:\Users\Rhopper10251\Downloads   |
| Relative Path                   | <track/> ~ ·  |
|                                 | Relative path tokens (e.g. <year>) will be replaced with their respective values when offloading.</year>              |
| Preview                         | C:\Users\Rhopper10251\Downloads\Silverstone.pds   |
|                                 |   |
| Offload Conditi                 | ons   |
| Configure genera                | offload settings.   |
| Do not automat                  | ically offload outings shorter than 60 s  |
| Show short                      | outings   |
| Show delete                     | d outings still on the device   |
| Delete an ou                    | uting after successful offload  |
| Automatical                     | ly offload all available outings after a connection is established with the device (does not apply to short outings)  |
|                                 |   |
|                                 | Save Reset  |
|                                 | 1 2   |
|                                 |   |

## Telemetry

This page allows you to configure telemetry data sources, telemetry server settings, and telemetry logging options.

## Telemetry source configuration

This section is where you can add and configure telemetry data sources.

- Add telemetry source: Click the + button to add a new telemetry source.
- Name: The name assigned to the telemetry source.
- Type: Select the type of telemetry device from the dropdown list.
- **Port**: Enter the communication port to which the device is connected.
- Baud Rate: The baud rate for the connection.

| ٦ | Telemetry Source Configuration |                                     |   |  |  |
|---|--------------------------------|-------------------------------------|---|--|--|
| C | Configure your sources         | of telemetry data.<br>purce         |   |  |  |
|   | Name                           | Source Example                      |   |  |  |
|   | Туре                           | Cosworth P192S                      | ~ |  |  |
|   | Port                           | Intel(R) Active Management Technolo | ¥ |  |  |
|   | Baud Rate                      | 19200                               |   |  |  |

## Telemetry server configuration

This section allows you to configure how the telemetry data is shared over a network.

- Share telemetry on port:
  - Toolset clients: Specify the port number for toolset clients (for example, 51413).
  - Data Analysis clients: Specify the port number for data analysis clients (for example, 51414).
- **Reset Data Analysis data when the outing number changes**: Enable this option if you want to reset data analysis after each new outing.
- **Route telemetry data over Ethernet when the device is connected**: Select this option to enable telemetry data transmission via Ethernet where the device supports it.

| Telemetry Server Configurat     | ion        |  |
|---------------------------------|------------|--|
| Configure how telemetry data is | to be shar | ed from this machine.                                  |
| Share telemetry on port         | 51413      | (Toolset clients)                                      |
| and port                        | 51414      | (Data Analysis clients)                                |
| 🗌 Reset Data Analysis data w    | hen the ou | iting number changes                                   |
| Route telemetry data over       | Ethernet w | hen device is connected (when supported by the device) |
|                                 |            |  |



# Telemetry logging

This section allows you to configure how logged data is handled.

- Log telemetry data: Select this option to enable logging of telemetry data.
- **Update logged data every X seconds**: Specify the interval in seconds at which the logged data is updated (for example, 300 seconds). The minimum value is 20 seconds, and the maximum is 900 seconds.

| Telemetry Logging  |
|--|
| Configure how logged data should be generated from received telemetry. |
| Log telemetry data   |
| Update logged data every 300 s (min 20, max 900)                       |

## Diagnostics

This page allows you to configure the diagnostics display and rendering options for the application.

### Setup diagnostics

- Display diagnostic resources: Enable to show general diagnostic tools.
- **Display Cosworth only resources**: Display diagnostics specific to Cosworth devices.
- **Display UI for configuring debug channels**: Enable this option to show the interface to set up debug channels.

| Setup Diagnostics   |  |
|---|--|
| Configure how diagnostic information is made available within setups. |  |
|   |  |
|   |  |
| Display Cosworth only resources                                       |  |
| Display UI for configuring debug channels                             |  |

## **Rendering options**

• **Disable GPU hardware acceleration**: Turn off hardware acceleration to improve stability, especially if there are issues with the graphics card. Note that this might affect application performance.

| Rendering Options   |
|---|
| Problems with certain graphics cards may result in instability when running the application.                  |
| Hardware acceleration of the application can be disabled to improve reliability. This may affect performance. |
| Disable GPU hardware acceleration   |

# Upgrade

This page allows you to manage software updates and migrate settings from a previous version of the toolset.

## Update settings

- Check for updates on startup: Enable this to automatically check for updates once a day.
- Only allow service releases: Limit updates to stable service releases.
- Check for: Select whether to check for device or application updates.
- Check now: Manually trigger a check for updates.

| Update Settings                                       |
|---|
| Configure the settings that control software updates. |
| Check for updates on startup (once per day)           |
| Only allow service releases                           |
| Check for:  |
| ✓ Device updates                                      |
| ✓ Application updates                                 |
| O Check now   |

## Device updates

- View and select firmware updates, setups, and merge files for various devices.
- Last check: Shows the date and time of the last update check.
- Use the checkboxes to select updates for specific devices.
- Select all or Clear selection: Select all updates or reset the selections.
- Download and import now: Click to download and save selected updates.

| Device Updates   |  |  |
|--|--|--|
| Download and import firmware updates, setups, and merge files.         |  |  |
| Last check: 25/10/2024 10:58:05  |  |  |
| Badenia 2 Updates (5 firmware update(s))                               |  |  |
| Badenia 5 Updates (16 firmware update(s), 1 setup(s), 1 merge file(s)) |  |  |
| CCWMk2 Updates (3 firmware update(s))                                  |  |  |
| CCWMk3D Updates (11 firmware update(s))                                |  |  |
| CDU 10.3 Updates (7 firmware update(s))                                |  |  |
| CDU 7.0 Updates (3 firmware update(s))                                 |  |  |
| CDU Updates (1 firmware update(s))                                     |  |  |
| Centaurus 5 Updates (22 firmware update(s))                            |  |  |
| CLU Updates (11 firmware update(s))                                    |  |  |
| ICD Updates (5 firmware update(s))                                     |  |  |
| Select all Olear selection   |  |  |
| Download and import now  |  |  |

#### Application updates

- Last check: Shows the last time application updates were checked.
- If updates are found, this section provides the option to download and install them.

| Application Updates                       |
|---|
| Download and install application updates. |
| Last check: 25/10/2024 10:58:05           |
| No updates found                          |

#### Migrate previous settings

• Migrate previous settings: Import settings, setups, and tokens from an older version of Toolset.

Migrate Previous Settings Migrate settings, setups and tokens from a previously installed version of Toolset.

#### About

## **Version Information**

On this page, the current versions of Toolset and Data Access are displayed. If there is an active license, it is shown on this page.

| Version Information |                                      |  |  |
|---------------------|--------------------------------------|--|--|
| Pi Toolset          | Version 10.3 (Build 4908 - Update 7) |  |  |
| Pi Data Access      | Version 10.1 (Build 1557 - Update 8) |  |  |
|                     |                                      |  |  |

**Note**: If an asterisk is displayed next to the page title (for example, **DataOffload\***), it indicates that some settings have been changed without being saved.