

DEVICE FIRMWARE	Revision	0.40
	Date	17/02/2025

Device firmware

Update device firmware to make sure that all new features and functionality of your hardware are up-to-date.

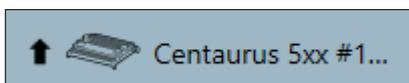
New firmware can require a minimum version of Toolset. You can find the latest versions of Toolset on the Cosworth website (<https://www.cosworth.com/motorsport/products/toolset/>).

Download firmware

You can download the latest device firmware from the **Upgrade** tab of the **Settings** page when a PC is connected to the internet.

The screenshot shows the 'Settings' page for a device named 'Antares 850 AMR...'. The 'Upgrade' tab is selected. The 'Update Settings' section includes options for checking updates on startup and for device and application updates. The 'Device Updates' section lists several update packages, each with a checkbox and a count of updates, setups, and merge files. At the bottom, there are buttons for 'Select all', 'Clear selection', and 'Download and import now'.

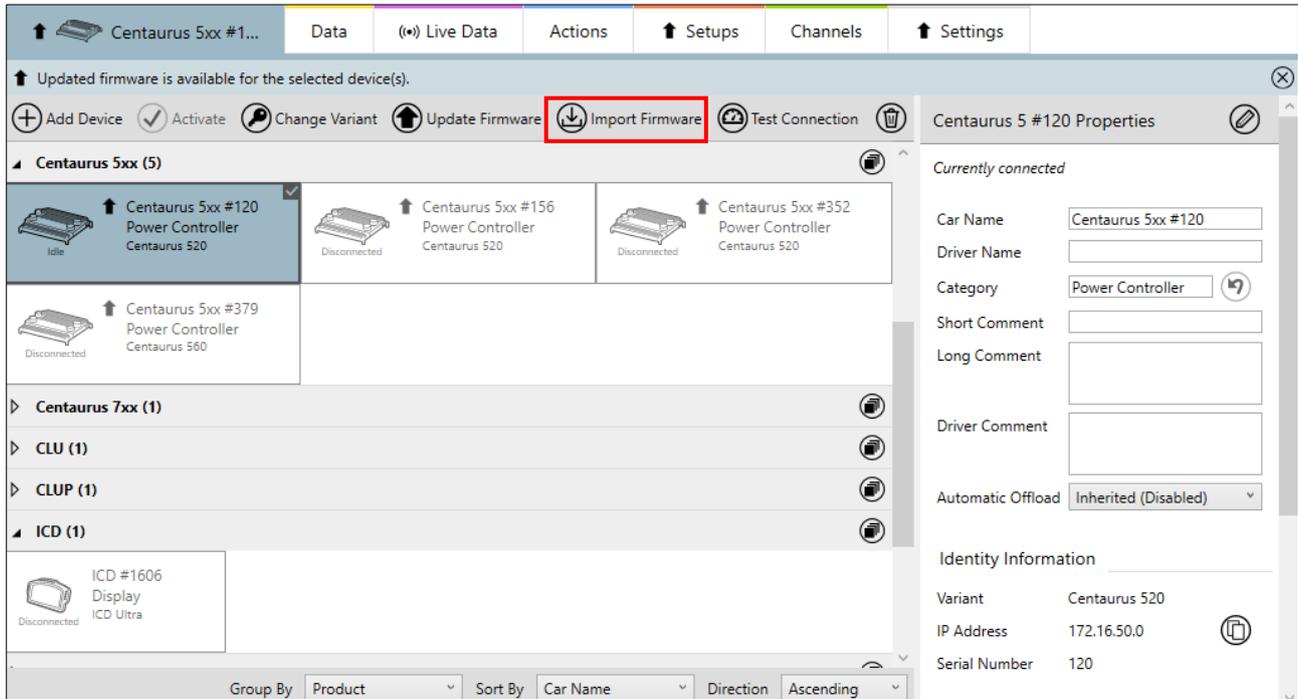
An upgrade prompt (up arrow) is displayed next to the device on the **Devices** page when new device firmware is available.



Update firmware

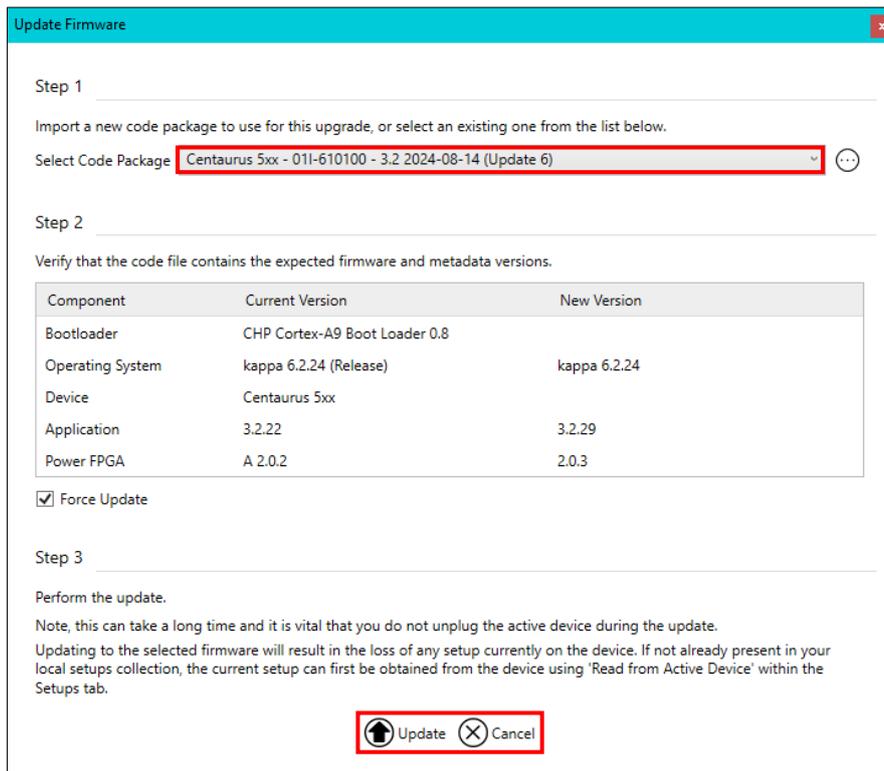
Download the latest firmware version, and then connect to, and activate, the device. Make sure that the device is in the 'Idle' state and active before you update the firmware.

Note: Updating firmware removes the setup from the device, together with any stored NV RAM variables (for example QM mode). Make sure that a copy of the device setup is saved, or **Read from Active Device** on the **Setups** page is selected, before you update the firmware. This saves the current setup stored on the device in your list of setups.



The screenshot displays a software interface for managing Centaurus devices. The top navigation bar includes tabs for Data, Live Data, Actions, Setups, Channels, and Settings. A notification bar at the top indicates that updated firmware is available for the selected device(s). Below this, a toolbar contains several action buttons: Add Device, Activate, Change Variant, Update Firmware, Import Firmware (highlighted with a red box), and Test Connection. The main area shows a list of devices, categorized by Centaurus 5xx (5), Centaurus 7xx (1), CLU (1), CLUP (1), and ICD (1). The selected device is a Centaurus 5xx #120 Power Controller Centaurus 520, which is currently idle. The right-hand panel displays the properties for this device, including Car Name, Driver Name, Category, Short Comment, Long Comment, Driver Comment, Automatic Offload, and Identity Information (Variant, IP Address, Serial Number).

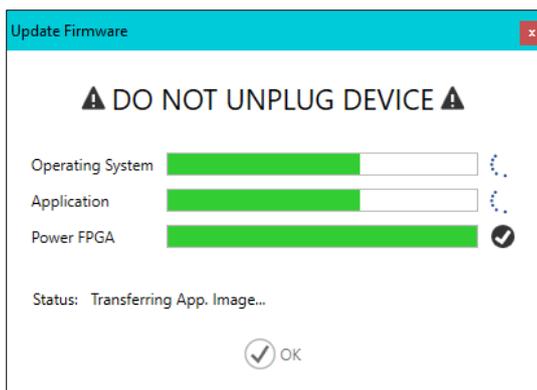
The following window shows the current firmware on the device.



Step 1. Browse to the location of the `.code` package required for the update.

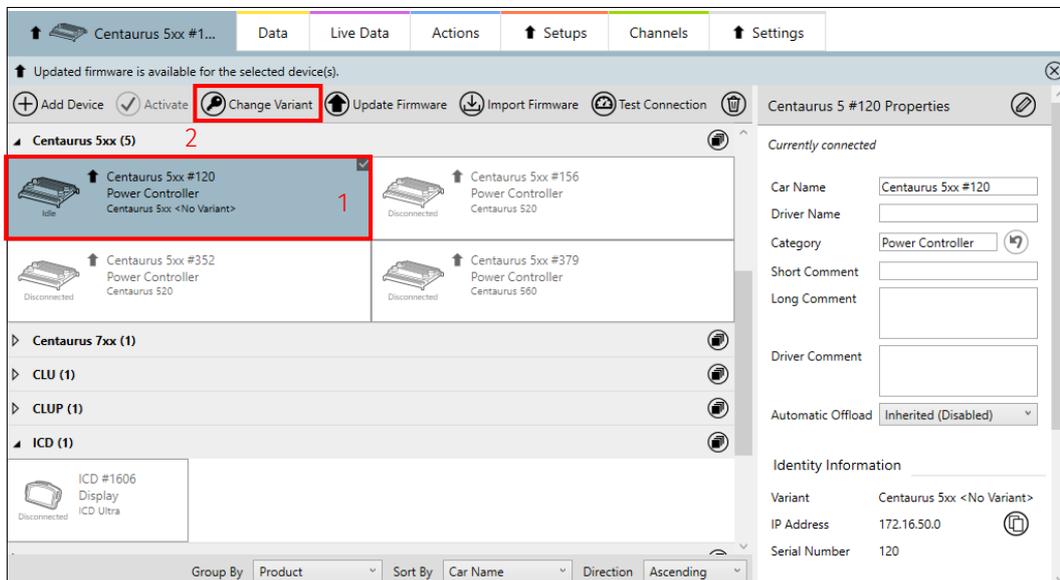
Step 2. Select the package. Toolset shows the differences between the two code packages.

Step 3. Confirm, and then click **Update** to begin installation of the new package. The **Update Firmware** window shows progress of the installation. When installation is complete, click **OK**.

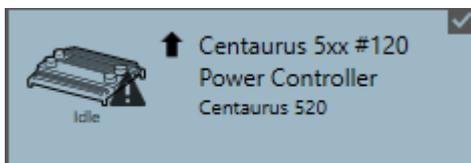


After the update, the device shows as a blank device in Toolset, indicated by the '<No Variant>' text in the device information box (1).

You now need to send the token and setup to the device. Click **Change Variant** (2).

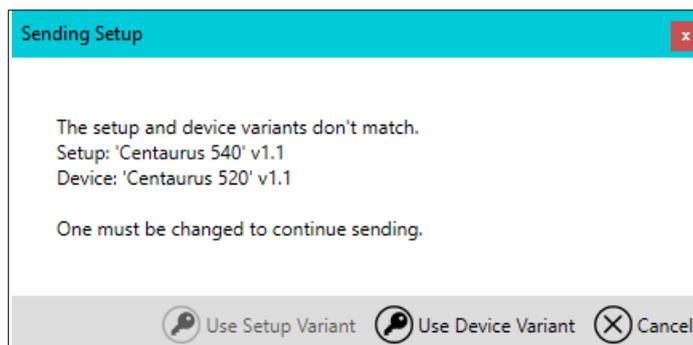


When prompted, select the required variant token, and then click **Change**. When the token is ready to be sent to the device, an exclamation mark in a warning triangle is displayed next to the device.

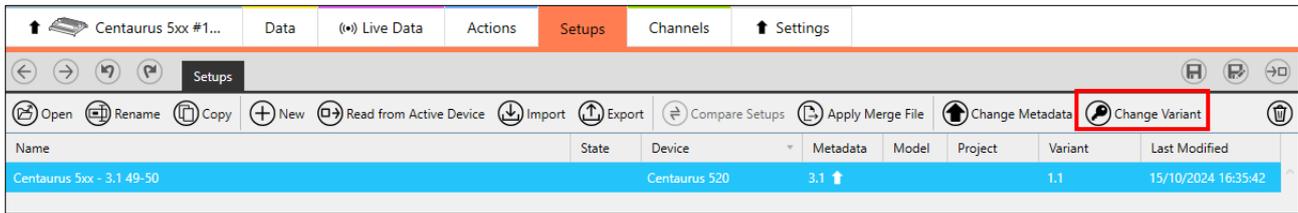


On the **Setups** page, open the setup, and then click **Send** to transfer the setup to the device.

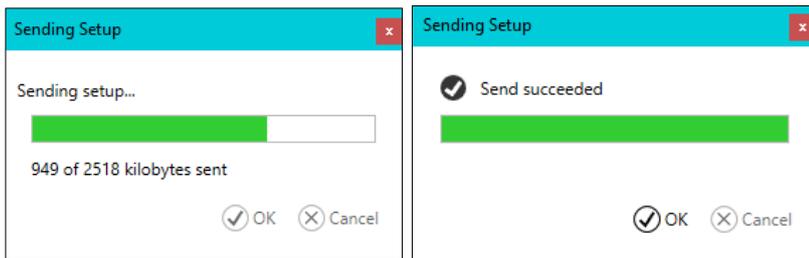
A dialog box is displayed to prompt you to update the setup to match the new firmware on the device. Select **Use Device Variant**.



You can also change the setup variant on the main **Setups** page via the **Change Variant** option to avoid the 'Use Device Variant' prompt.



When the setup is complete, the token is uploaded to the unit.



After an update, the device is displayed in an 'Idle' state on the **Devices** tab. The device firmware information is updated in **Device Properties**.