

SETUPS - SETUPS PAGE

Revision

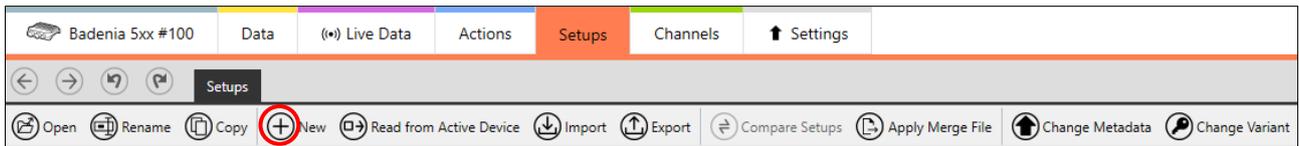
Date

Setups page overview

The **Setups** page is the main hub of Toolset. From here you can find and configure all device setups.

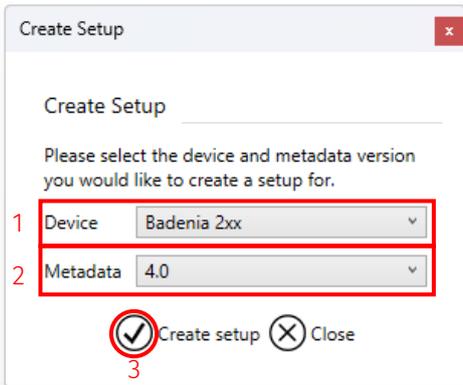
Create a setup

To create a new blank setup, click **New** to open the **Create Setup** dialog box.



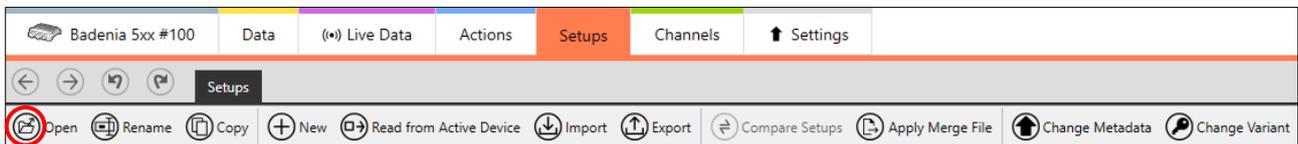
Select the device type (1) and metadata version for the setup (2). If the device type or specific metadata version is not shown, use the 'import' tool to import device metadata (see

Import and export a setup). You can locate device metadata in [Settings – Upgrade](#) or contact electronics.support@cosworth.com. Click **Create setup** (3) to create the new blank setup.



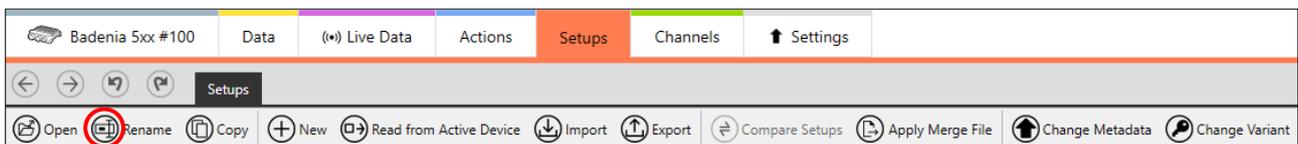
Open a setup

In the **Setups** menu, select a setup from the list and click **Open**, or double-click the setup.

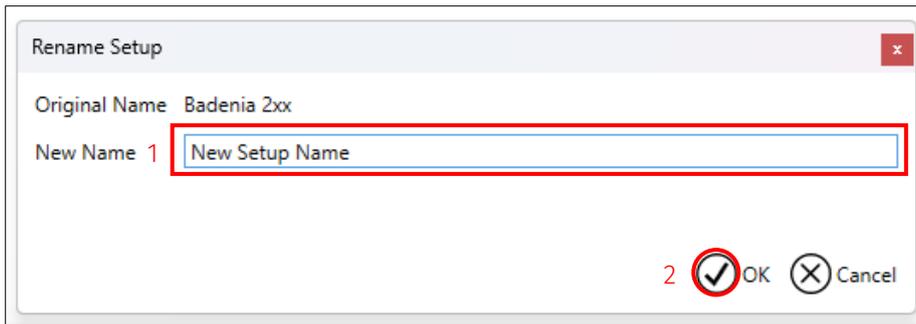


Rename a setup

Select a setup from the list and click **Rename**.

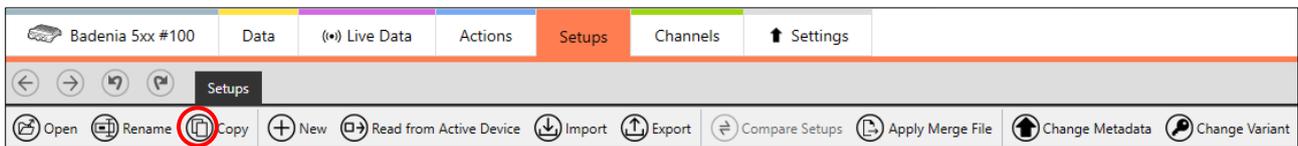


In the **Rename Setup** window enter a new setup name (1), and then click **OK** to confirm (2).



Copy a setup

This is useful for duplicating a setup to modify so that the original setup is preserved. Select a setup from the list and click **Copy**.



Delete a setup

Select a setup and click the 'bin' tool.

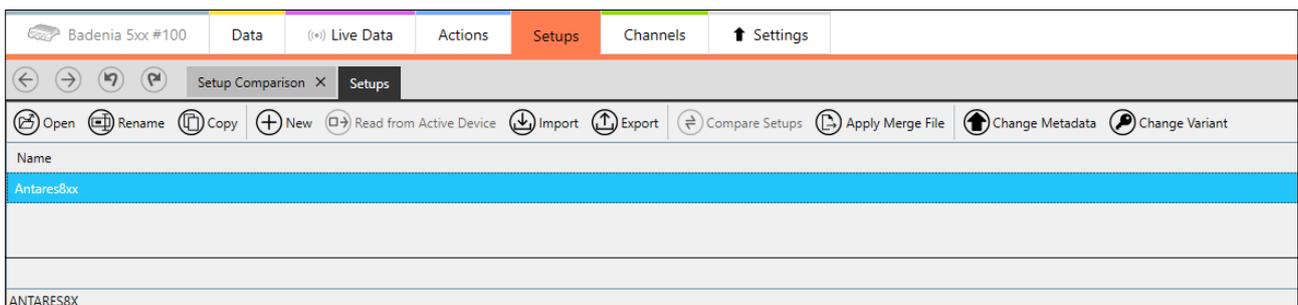


Search a setup

If there are many setups on the **Setups** page, you can search and filter them with the standard search and 'magic' search functions.

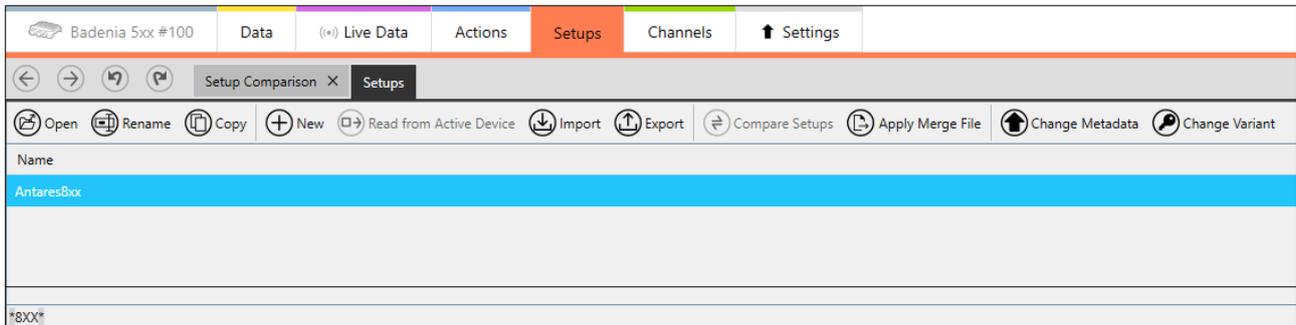
Standard search

To use standard search, click in the **Setups** area and start to enter the setup name. The setups are filtered by the exact entered text. This search method must match the channel name exactly to show the result.

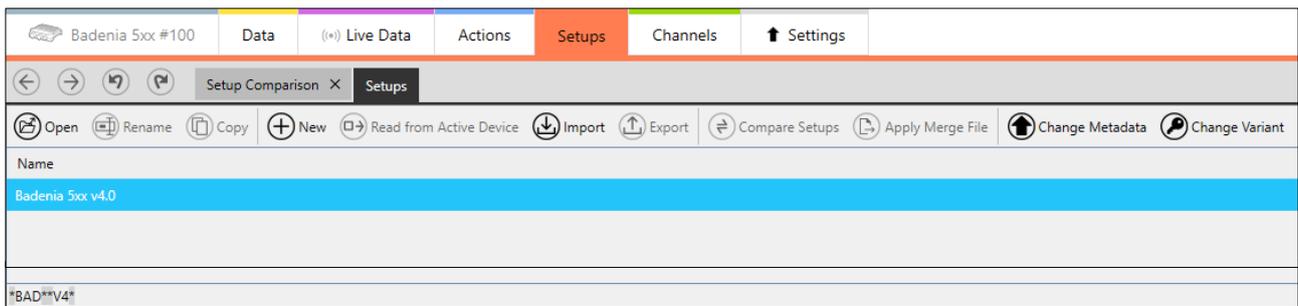


Magic search

If the exact channel name is unknown, you can use the magic search function. Magic search is a 'broad' search tool, which can display results containing any string. Press **CTRL + Shift + 8** simultaneously. A highlighted star shows the search is active. Type a specific word or phrase, and then press **CTRL + Shift + 8** to close the search. An example is shown below.



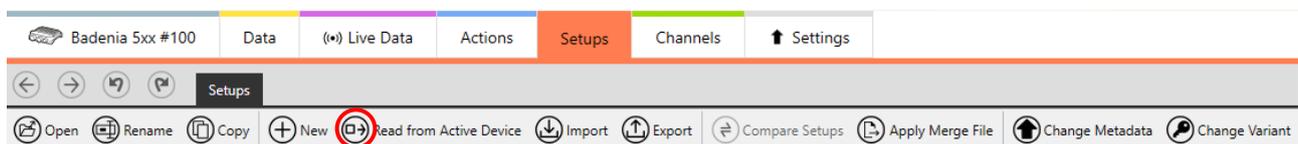
You can also combine multiple terms in the search, to find multiple parts of a setup name in a single search.



Read a setup from an active device

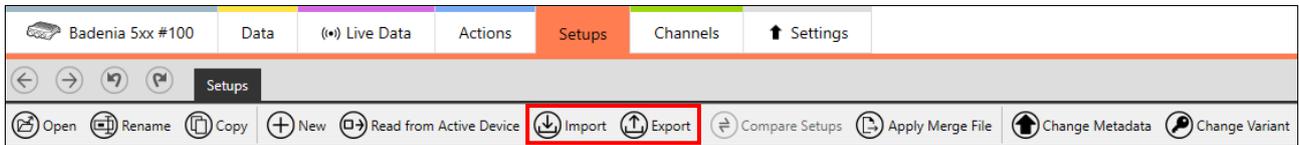
When connecting to a device with a setup already loaded, it is possible to read the setup from the device. This is useful for when the setup on the device is not already stored in the User setups page.

Tip: Always read the setup from the device to store an original copy of the setup before overwriting the setup, modifying the setup or updating device firmware and setup metadata.



Import and export a setup

You can use the 'import' and 'export' tools to import and export setup files (.toolset) between PCs and versions of Toolset.



Note: Some versions of setup metadata are only compatible with specific versions of Toolset. If an incompatible setup is imported an error message is displayed.

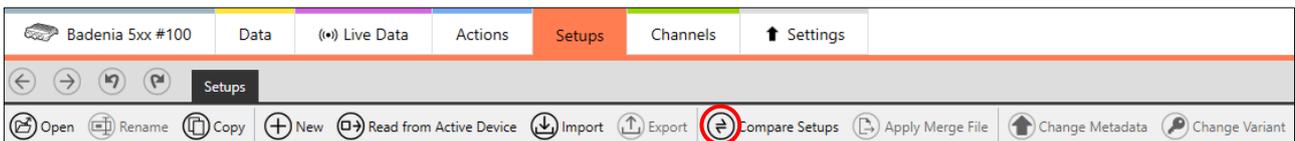
Compare and merge setups

Toolset can compare setups which can be useful for identifying differences between setups. The **Compare Setups** tool also allows you to merge the setup differences from one setup to another, allowing efficient updating of setup configurations between setups.

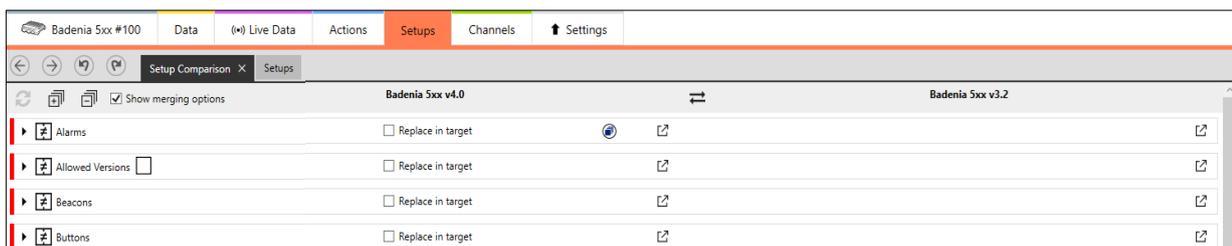
To enable the **Compare Setups** tool, select two setups in the setup library and use the **Ctrl** key to highlight them.

Centaurus 4.0	Centaurus 560	4.0	1.2	17/10/2024 10:02:23
Centaurus 3.2.448	Centaurus 560	3.2 ↑	1.2	17/10/2024 10:02:38

Select the **Compare Setups** tool.



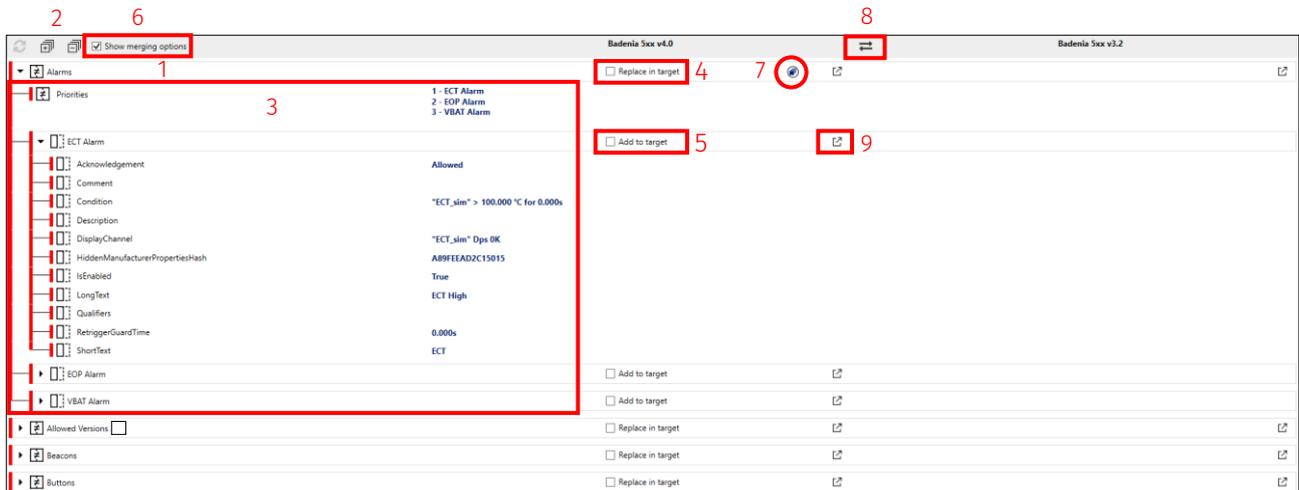
This opens a new tab on the **Setups** page where the difference between setups is displayed by node.



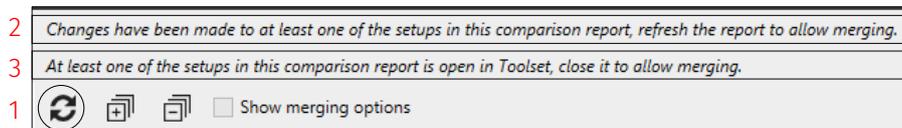
Click on a 'top level entry' (node) to open a lower level of 'children' (a list of items within the node that are different between setups) (1). You can open and collapse all entries with the 'Expand' and 'Collapse All' tools (2). Click on an 'child' item to view the individual item and its differences (3).

If an item exists in the target setup you can select the **Replace in Target** option (4). If an item does not exist in the target setup, then select the **Add to Target** option (5). If the no merging options are displayed make sure that the **Show merging options** box is selected (6). Use the **Select all children of this item** tool to select all merging options for an item (7).

The 'base' setup is displayed on the left of the **Compare** tool, with the target setup displayed on the right. If the home and target setups are not in the correct position, use the 'invert' tool to switch the home and target setups (8). Use the 'navigate' tools to explore setup items (9). This is useful for inspecting items before selecting them to merge.

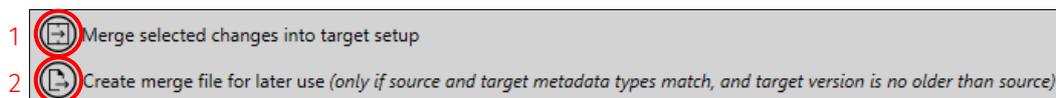


The 'navigate to item' tool opens the setup in a new tab. You can open setups in compare setups, but if any changes are made, use the 'refresh' tool (1) to update merging options. A warning message is displayed to remind you (2). You must close the setup after any changes are made to allow merging options to be redisplayed. Again, a warning message is displayed to remind you (3).



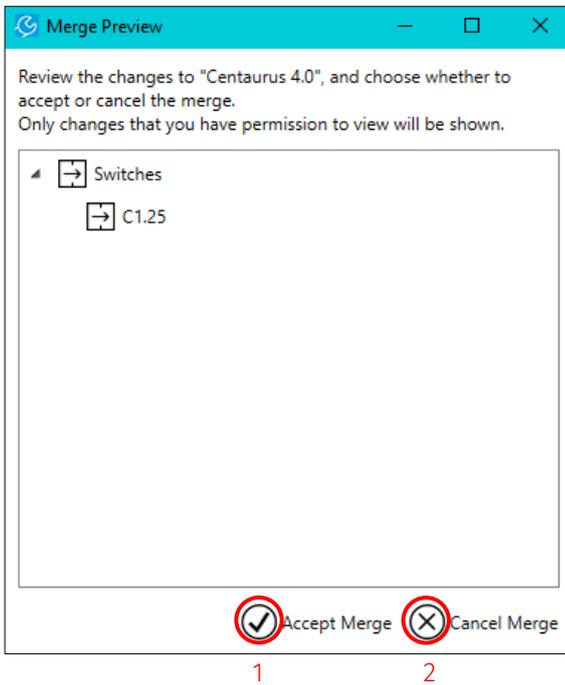
Select the required merging options. There are two options:

- Merge – Merge all the selected items now (1)
- Create merge file – you can create a file containing the changes and apply it later (2)

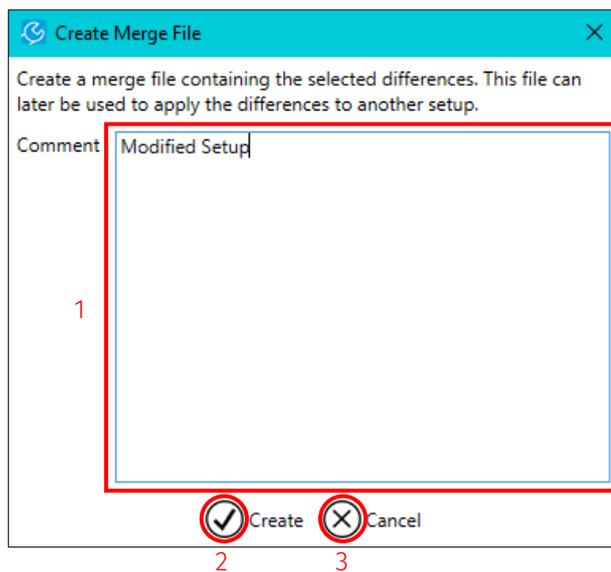


If **Merge selected changes into target setup** is selected, you are prompted to accept the merge.

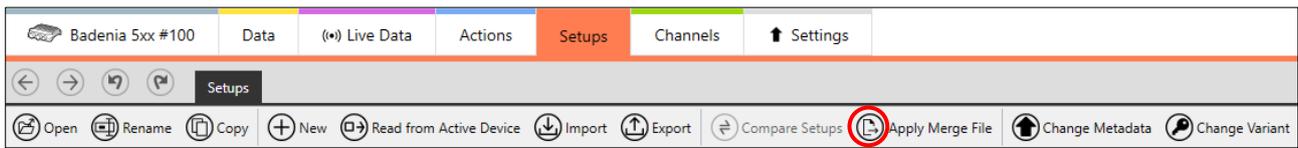
Click **Accept Merge** (1) to update the target setup with the changes. It is recommended that you make copies of setups when merging, so that the original setups are saved. Click **Cancel Merge** to cancel the merge if an error is identified in the preview (2).



If you select **Create merge file for later use** you are prompted to add a comment (1). Click **Create** to display a window that allows you to save the `.merge` file (2). You can cancel the creation of the merge file if an error is identified (3).

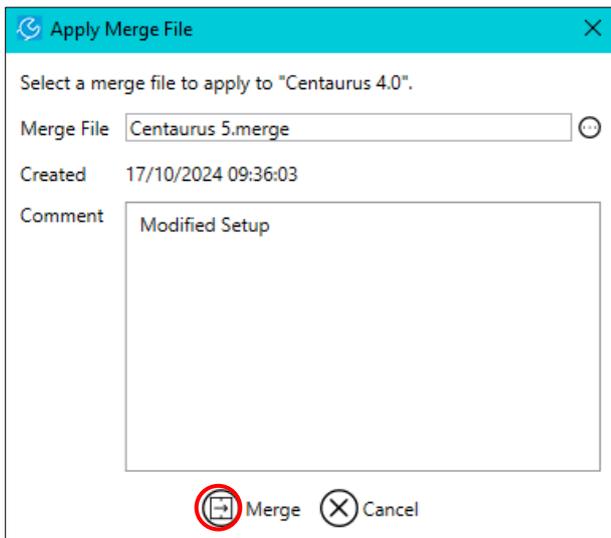


When you need to use the merge file, click on the target setup and select the **Apply Merge File**.

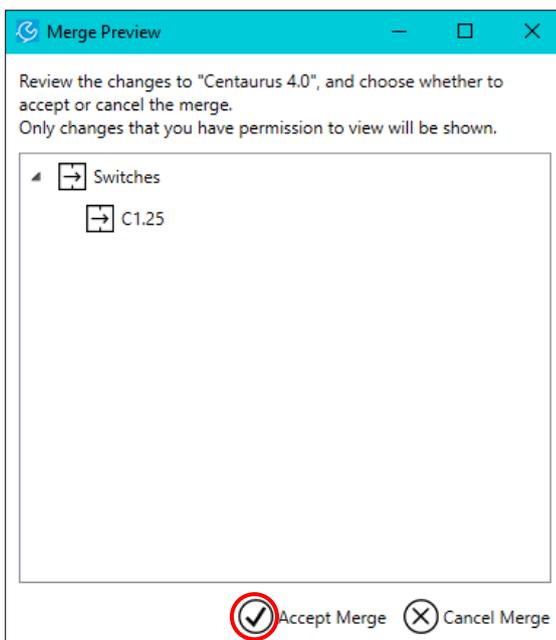


A popup window opens where you can search for the required *.merge* file. When selected the window displays the comment added during the merge creation.

Click **Merge** to display a preview which summarises the setup changes.

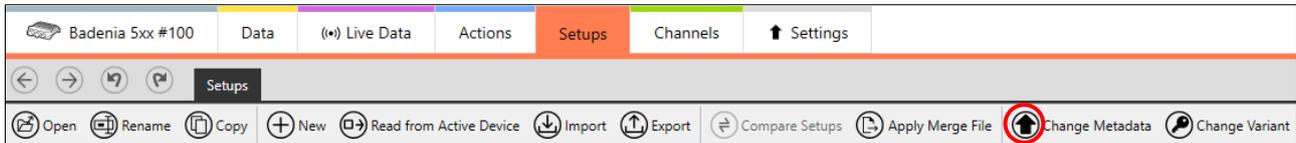


Click **Accept Merge** to add the changes to the target setup.



Change setup metadata

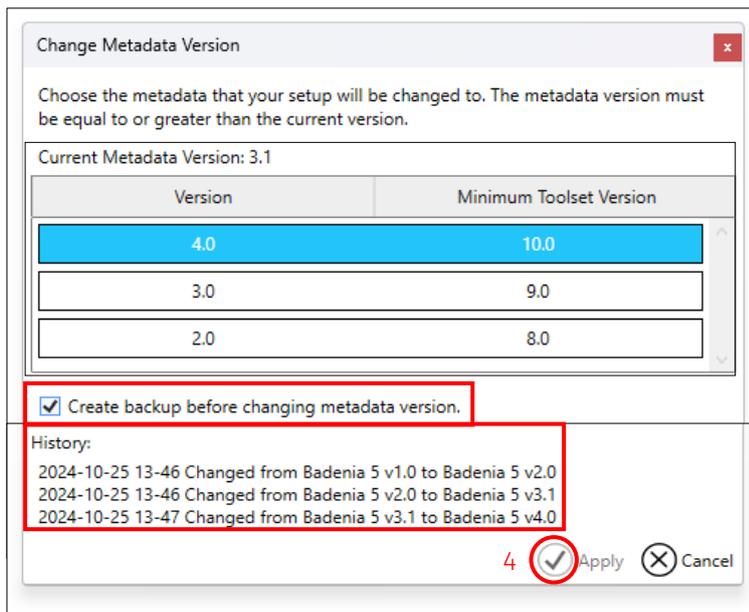
The setup metadata version must match the device firmware. If the device firmware is updated, then then you must also update the setup metadata before the setup can be sent. To change setup metadata, use the **Change Metadata** option.



The **Change Metadata Version** menu allows you to select from the available metadata versions (1).

If the required metadata version is not shown, you can use the 'import' tool (see Import and export a setup). Device metadata is located in [Settings – Upgrade](#), or contact electronics.support@cosworth.com.

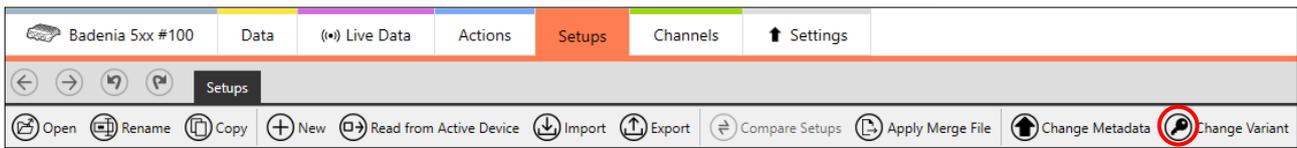
Make sure that you create a backup of the original setup before changing metadata versions. Select the **Create backup before changing metadata version** option to automatically make a save a copy of the original setup (2). The setup metadata history of the setup is stored so you can view the update history (3). Click **Apply** (4) to change the setup metadata version.



Changing setup variant

Like firmware and metadata versions, the setup variant must match the device variant. If a new setup is created, or a blank metadata file is imported, the setup variant must be selected before the setup can be sent.

To select the setup variant, use the **Change Variant** tool.



If the setup variant is not set before you attempt to send a setup, or the setup variant is different from the device variant, you are prompted to select 'Use Device Variant' or 'Use Setup Variant'.