



AUCOTEC
Create Synergy – Connect Processes

Engineering Base

Manufacturing Harness Synchronisation

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1 Manufacturing Harness Synchronisation

The **Manufacturing Harness Synchronisation** assistant serves to synchronize two harnesses. The synchronization between the source and target harness may be limited to selected modules or variants. Precondition for this option to work is that all elements of the harness are modularized (see **Module Assignment Wizard**).

To synchronize two harnesses

1. In the Explorer, select the project of the source harness.
2. Use **Select Assistant** from the context menu.

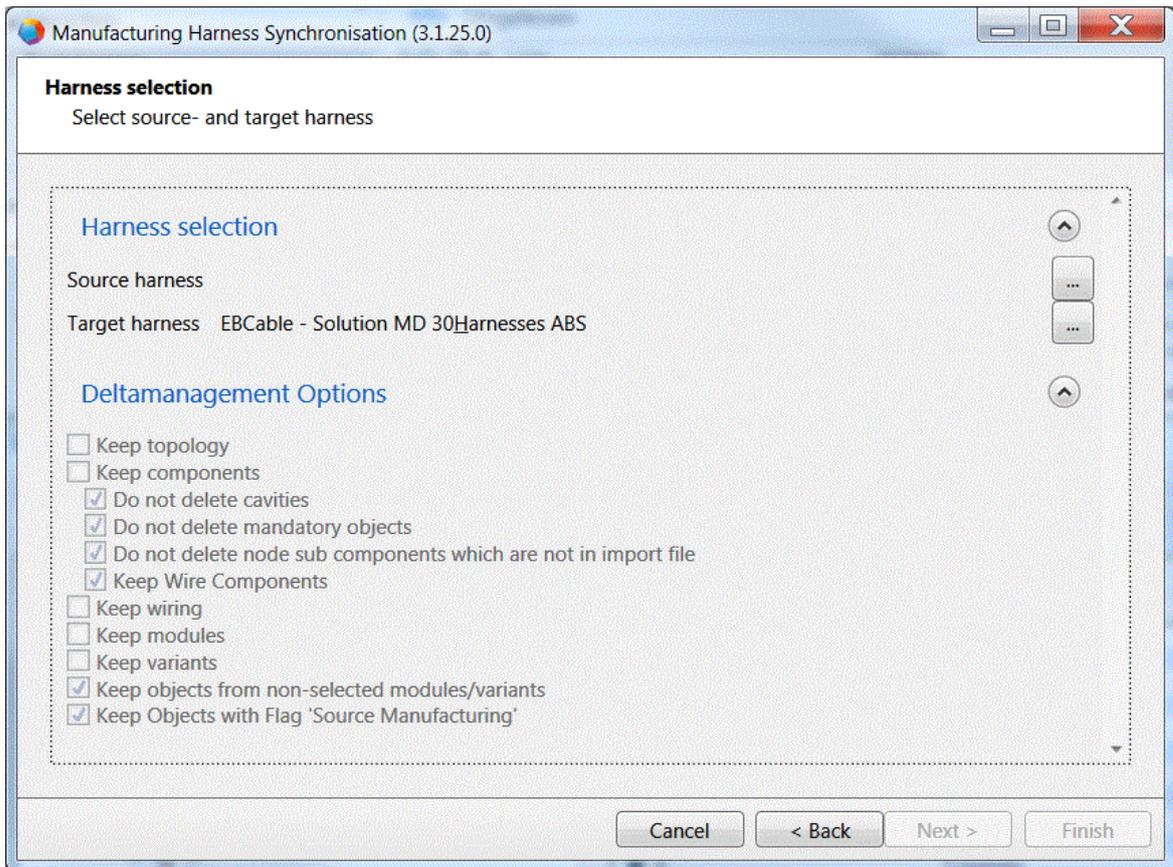
This opens the **Assistant selection** dialog.

3. Select **Manufacturing Harness Synchronisation** and click **Run**.

This opens the dialog **Manufacturing Harness Synchronisation**.

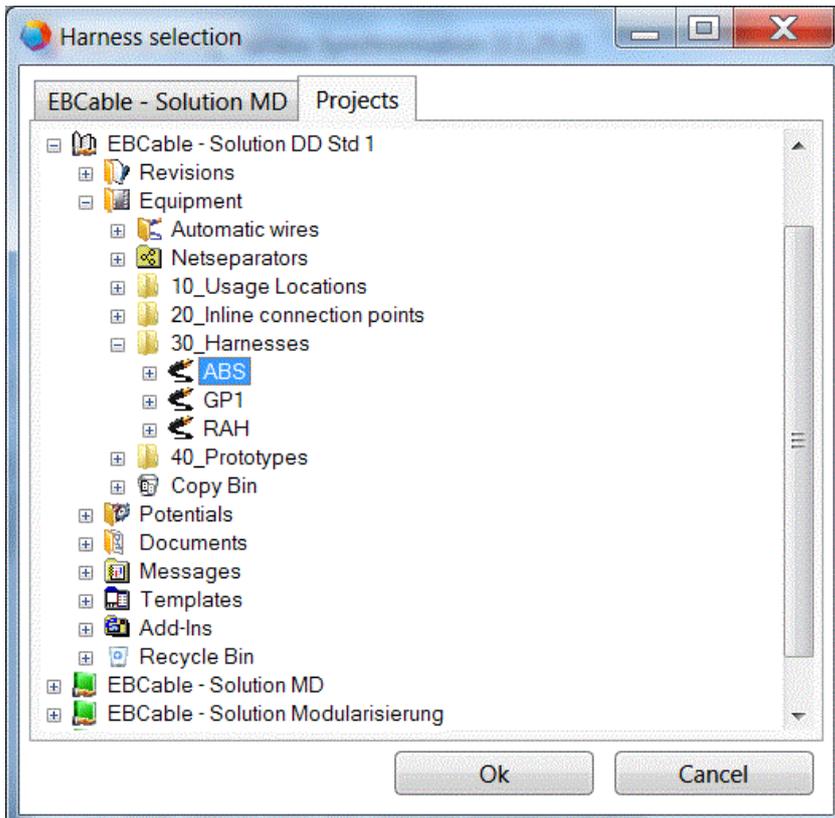


4. Click **Next >**.



5. In the line **Source harness**, click .

This opens the dialog **Harness selection**.

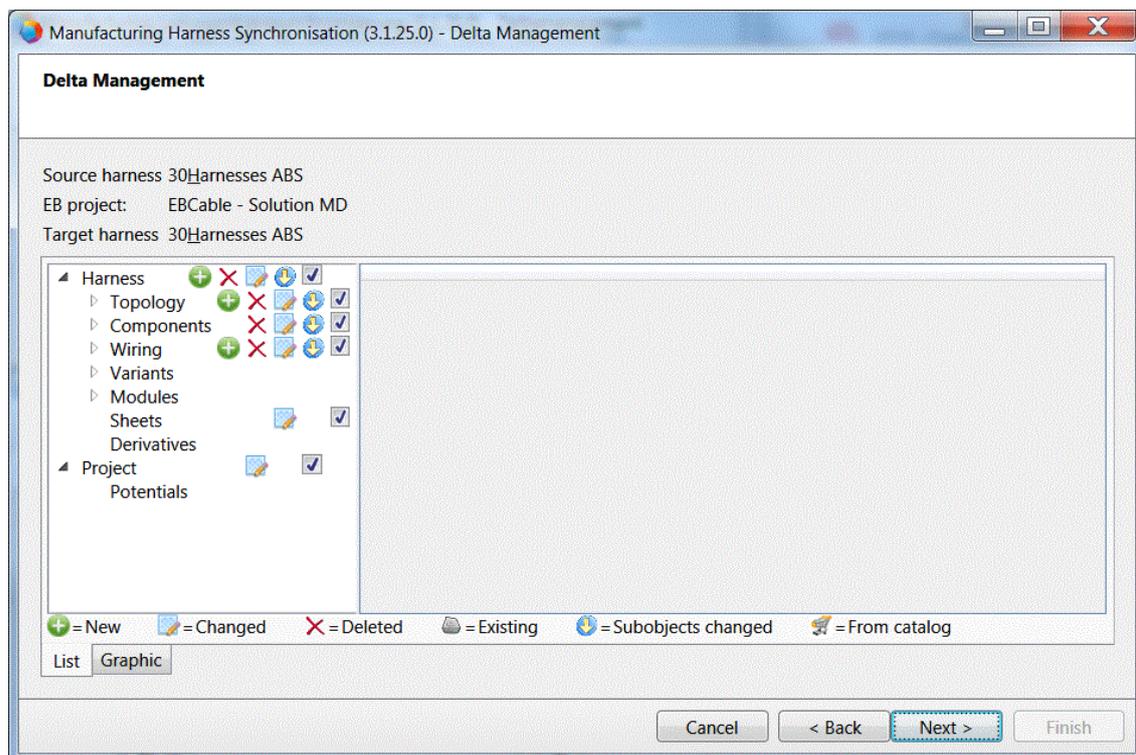


6. Click the tab **Projects**, if you want to select the source harness from another project.
7. Select the source harness and click **OK**.
8. In the line **Target harness**, click . Don't forget, to select in advance the radio button **Target harness** in **Manufacturing Import/Export Wizard Settings** below **Synchronization** using the assistant settings for the target project!

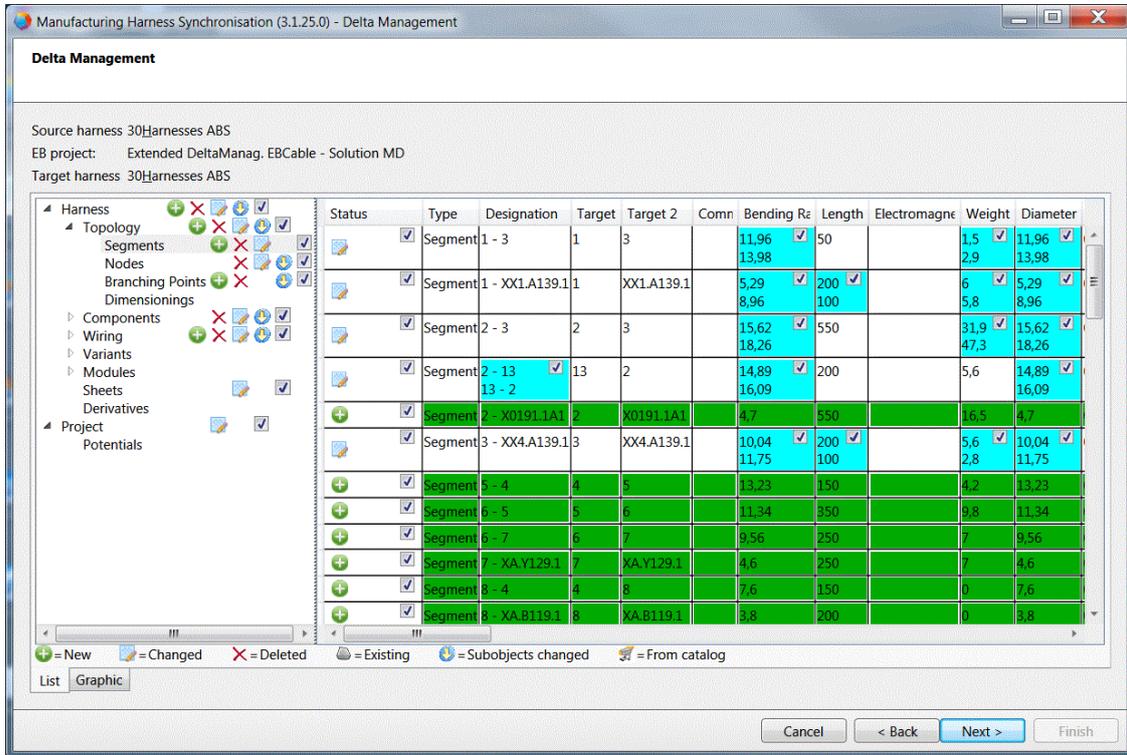
This opens the dialog **Harness selection**.

9. Click the tab **Projects**, if you want to select the target harness from another project.
10. Select the target harness and click **OK**.
11. Check the **Deltamanagement Options** you want to use.
12. Click **Next >**.

This opens the dialog **Delta Management**. It offers you an overview about the differences between the source and target harness. You may use this dialog to specify which aspects of the differences you want to include into the synchronisation process.

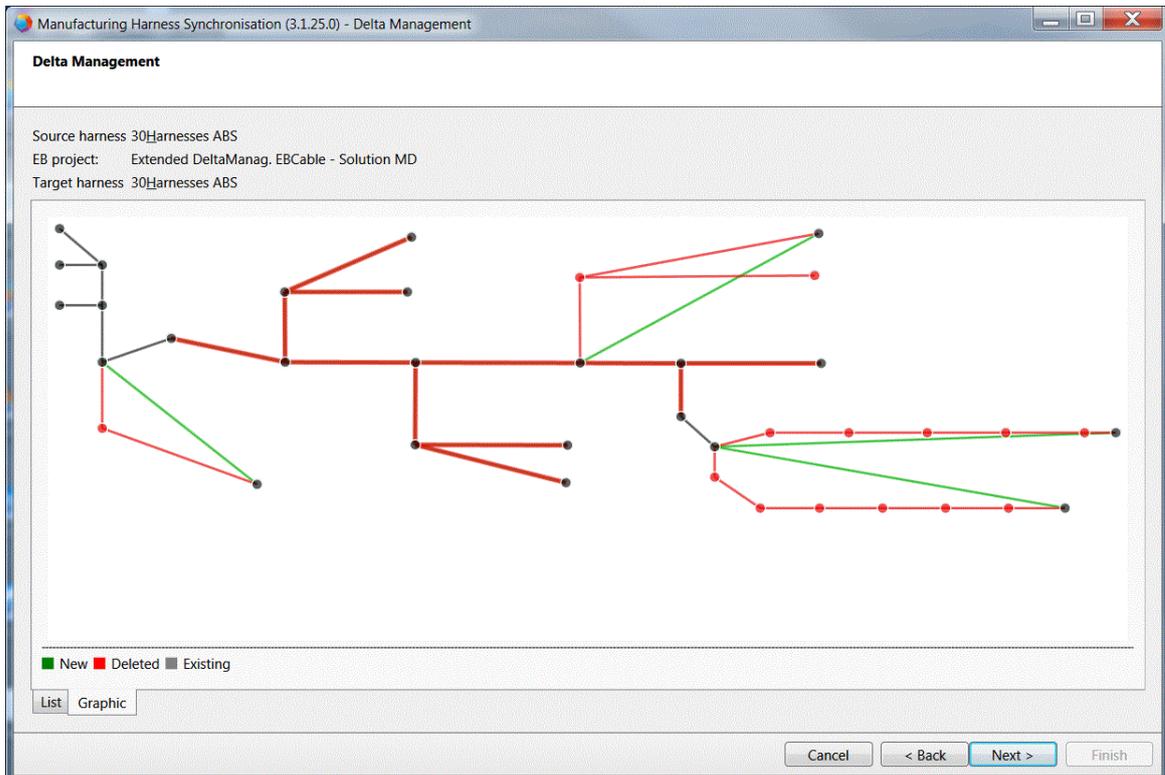


- Check the structures or sub-structures of the harness to which you want to restrict the synchronisation process.



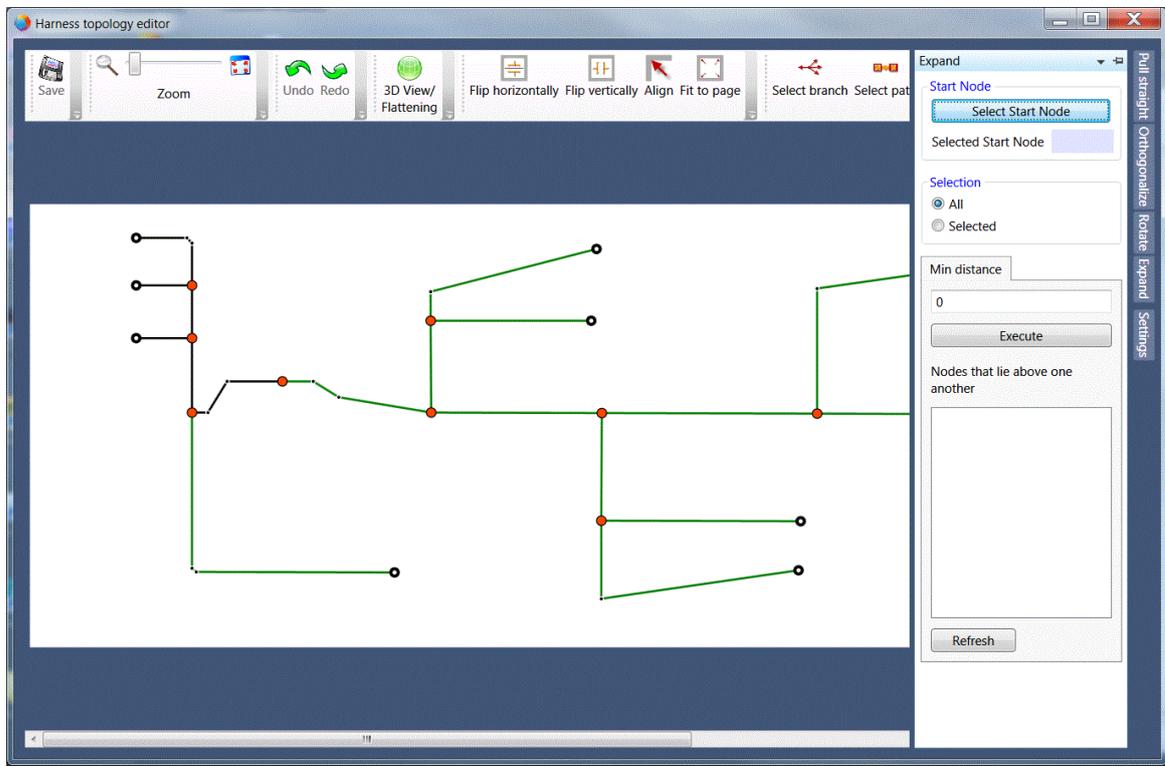
- Click the tab **Graphic** below the dialog window to see the topology changes graphically.

The dialog **Graphic** opens.



- Click **Next >**.

16. Check the graphic options offered below **Graphic options** you want to be applied.
17. Click **Topology Editor**, to open the **Topology Editor**.



You may exclude parts of the topology using the **Topology Editor**.

18. Click **Next >** to start the synchronisation process.
Once the synchronisation process has terminated, the dialog **Finished** opens.
19. Check the reports or message objects you want to be created.
20. Click **Finish**.
The reports and the message objects may be found in the project below **Messages - > Manufacturing Import Export -> <date> <time>**.