

Upgrade TwinCAT Project to V5.XX
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XENAX® Xvi EtherCAT® and
TwinCAT 3

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XENAX® Ethernet servo controller with
EtherCAT® Busmodule

Document Summary

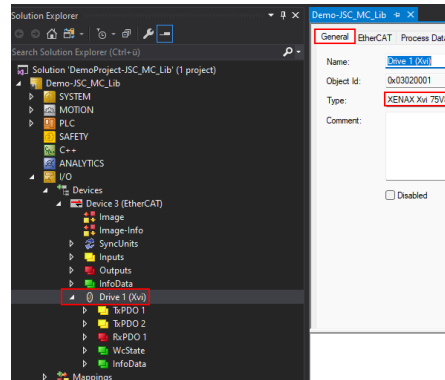
The Busmodule $\geq V5.00$ is backwards compatible with Busmodule $< V5.00$. However, TwinCAT requires a reconfiguration of the I/O Devices when upgrading an existing project. This manual describes a way to upgrade without losing the configured Links.

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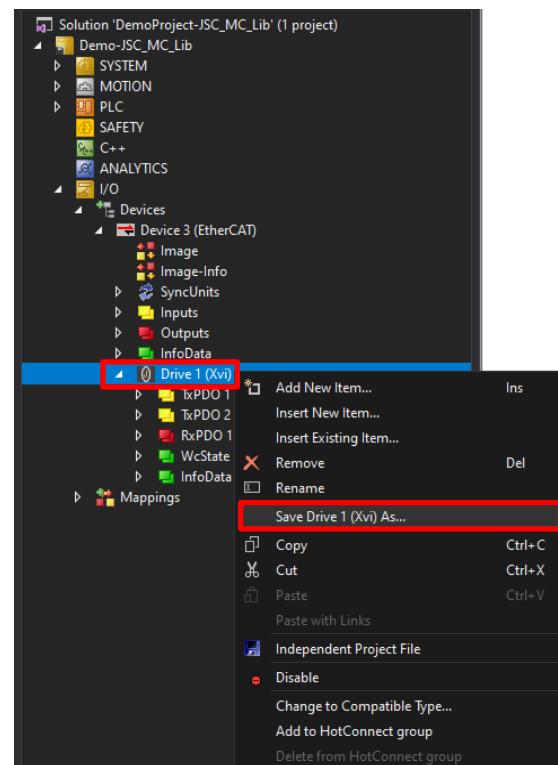
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1 Upgrade Process

Check which servo controller type is used. We will need this information later.

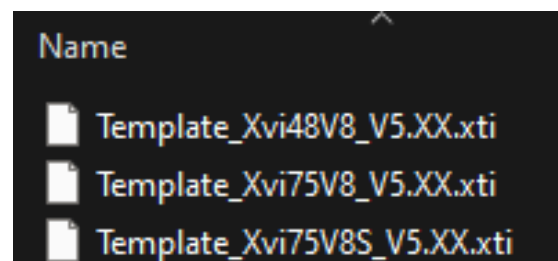


Export each axis which should be upgraded.



Open the V5.XX Template file next to this document with Notepad. Make sure to choose the right file depending on your servo controller type.

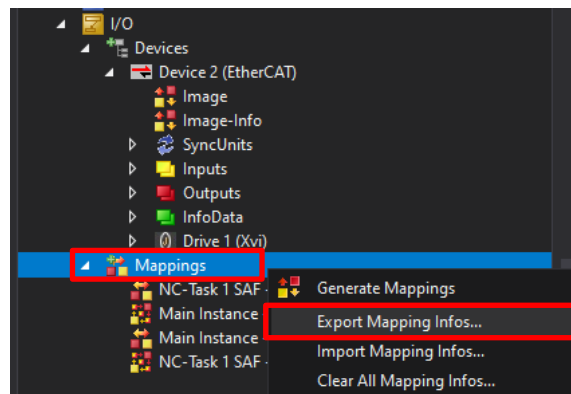
Copy the content of the Template file by pressing Ctrl+a and then Ctrl+c.



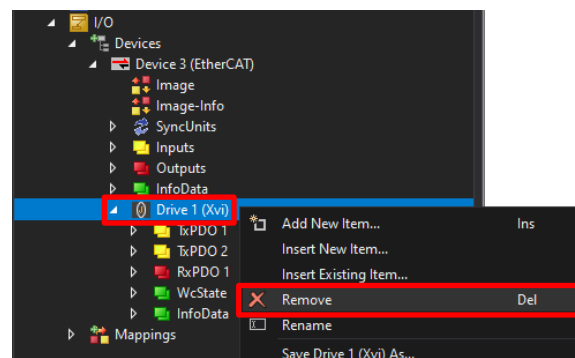
Open the exported axis with Notepad und mark everything above **<Pdo Name=.....** . Press Ctrl+v to upgrade the axis but leave the PDO mapping and linking unchanged (see image below).

[illegible]

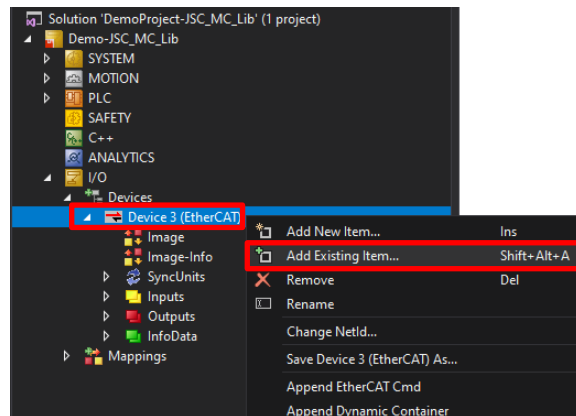
Export the Mapping Infos as a backup.



Remove the old axis from the project.

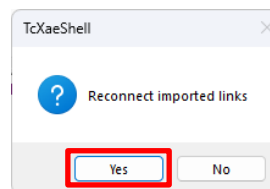


Add the upgraded axis.

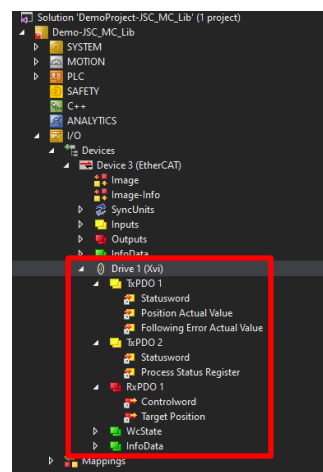


Select YES.

If this dialog does not appear, see [common issues](#).



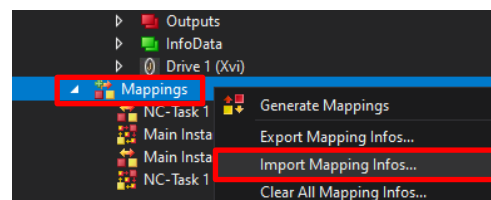
The axis is now upgraded to V5.XX without remapping of the PDOs.



2 Common Issues

2.1 Links not imported

In case the dialog “Reconnect Imported links” does not appear, manually import the links which were previously exported.



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