

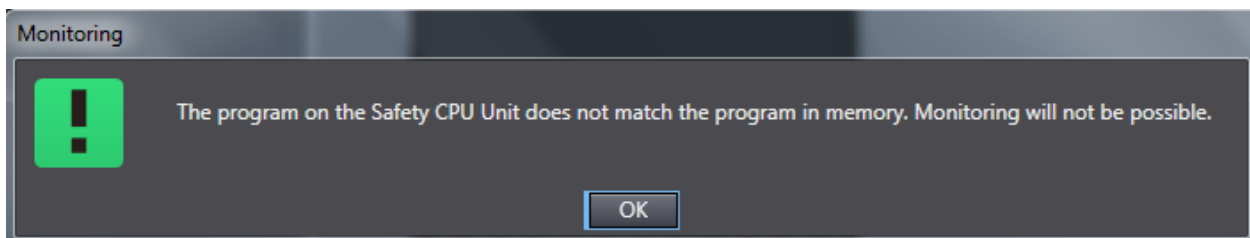
Change NX Safety Coupler Version Quick Start Guide

This guide shows how to change the coupler version in an existing program without losing programs or configurations. This is most likely needed if programming was done off-line and there are version differences between what was used and the actual hardware.

In Sysmac Studio Program

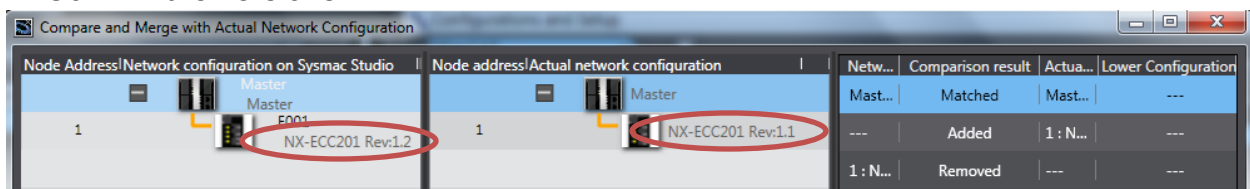
1. Go online.
Menu -> controller -> online (or online icon)

2. If you get this pop-up, press "OK".



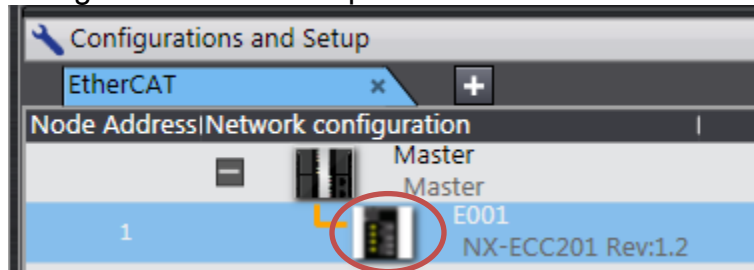
3. Compare program to actual hardware.
Multiview Explorer -> Configurations and Setup -> double click on EtherCAT (or right click and select edit)-> Right click on the master icon -> Compare and merge with actual network configuration -> Apply actual network configuration -> apply -> close -> close

4. Confirm the versions.

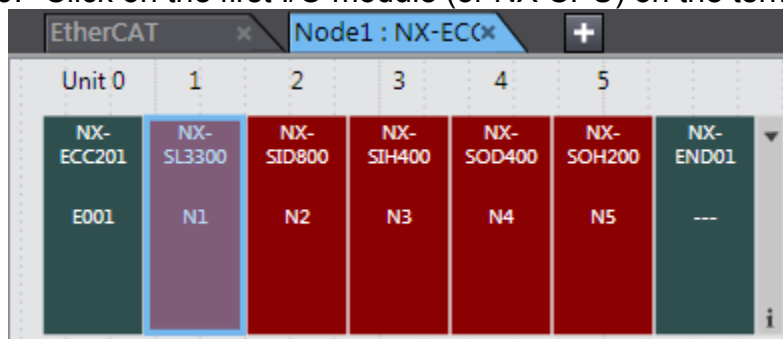


5. NOTE: If you select "Apply Actual Network Configuration", it will delete all programs and connections for the modules on that coupler. If you accidentally do this, close the program without saving.

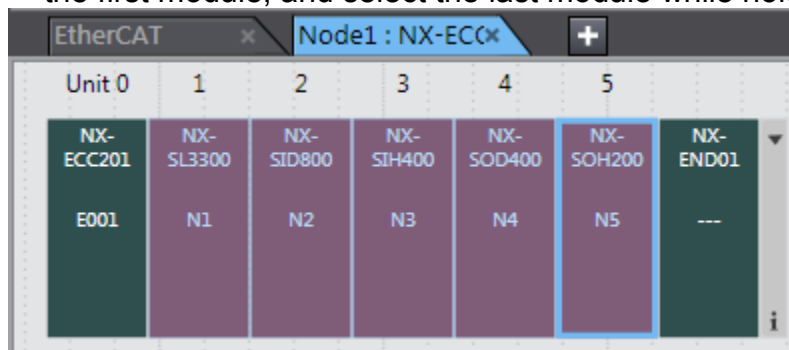
6. Go offline.
7. Right click on the coupler.



8. From the pull down list, select “edit slave terminal configuration.”
9. Click on the first I/O module (or NX CPU) on the terminal.

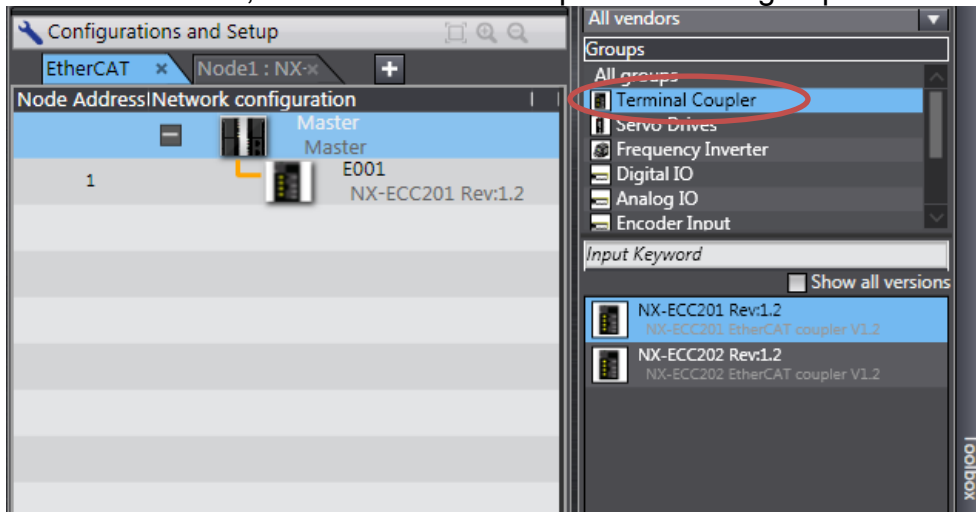


10. While holding down the “Ctrl” key, select the rest of the I/O modules. (You can also select the first module, and select the last module while holding the “Shift” key.)

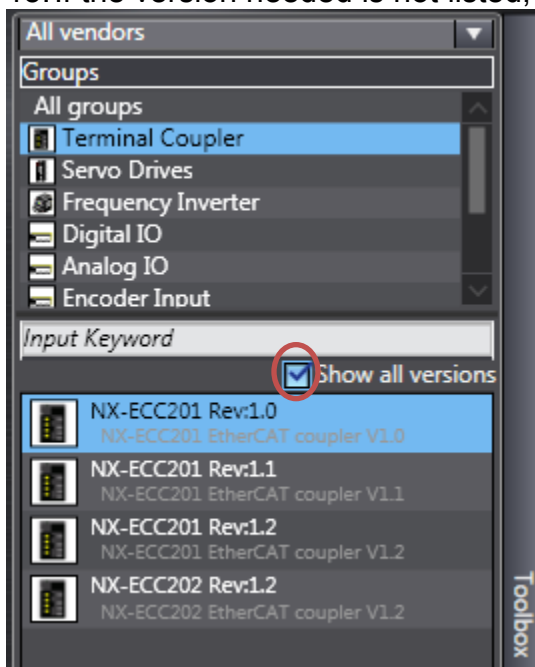


11. Right click.
12. Cut.
13. Go back to EtherCAT configuration.

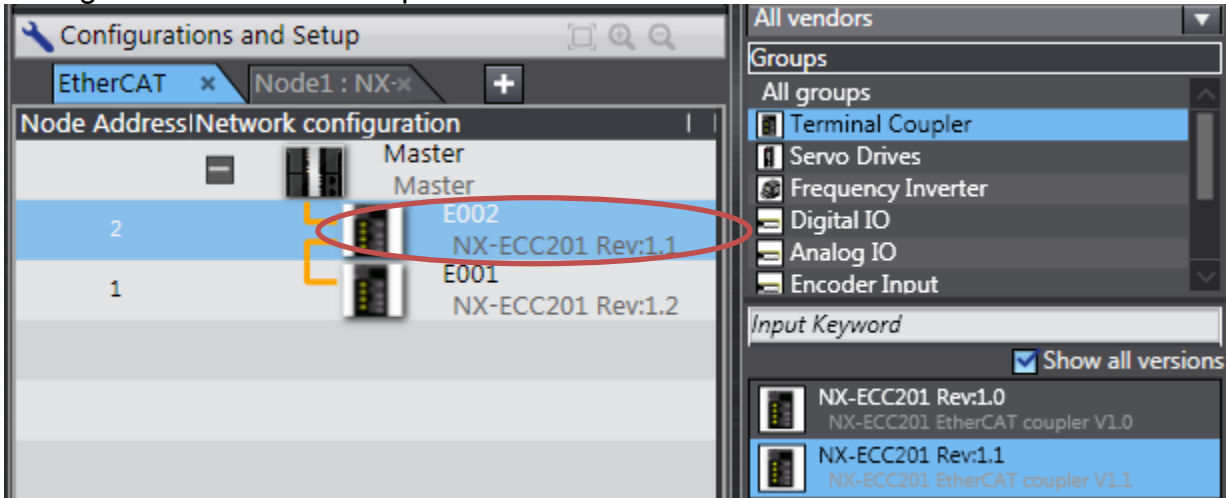
14. In the toolbox, select “Terminal Coupler” from the groups.



15. If the version needed is not listed, check the box for “Show all versions.”

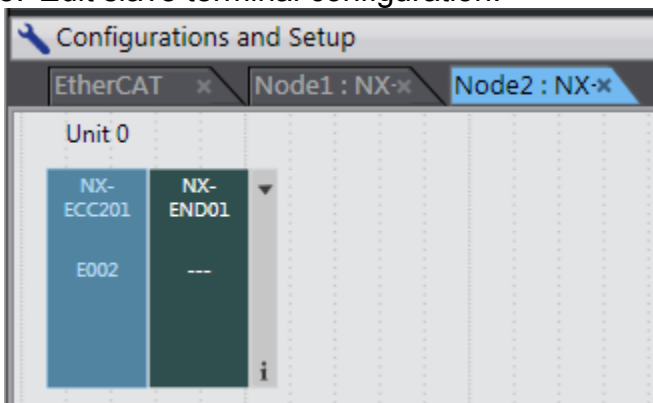


16. Drag the new terminal coupler so it is attached to the master.



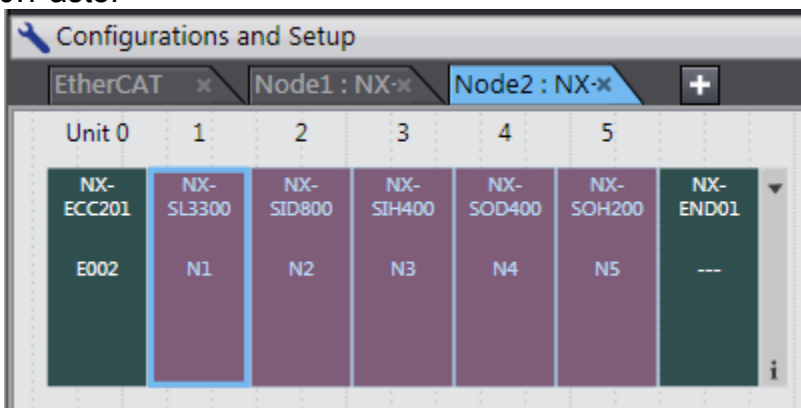
17. Right click.

18. "Edit slave terminal configuration."

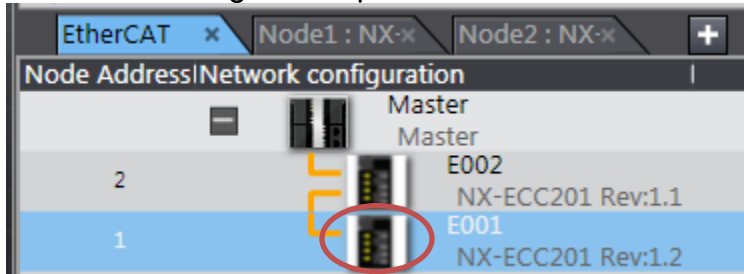


19. Right click.

20. Paste.



21. Go back to the EtherCAT configuration.
22. Select the original coupler version.



23. Right click.
24. Delete.
25. If needed, click on the address setting to enter a new address.

