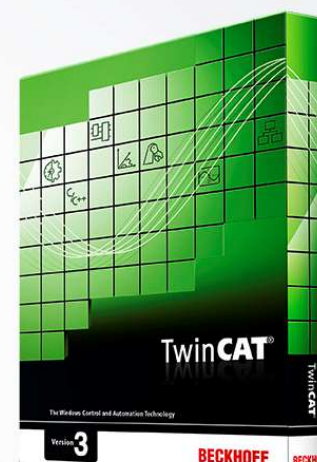
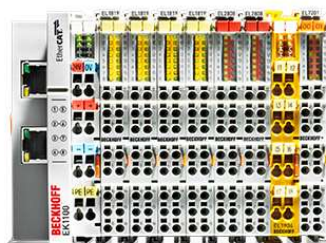


BECKHOFF

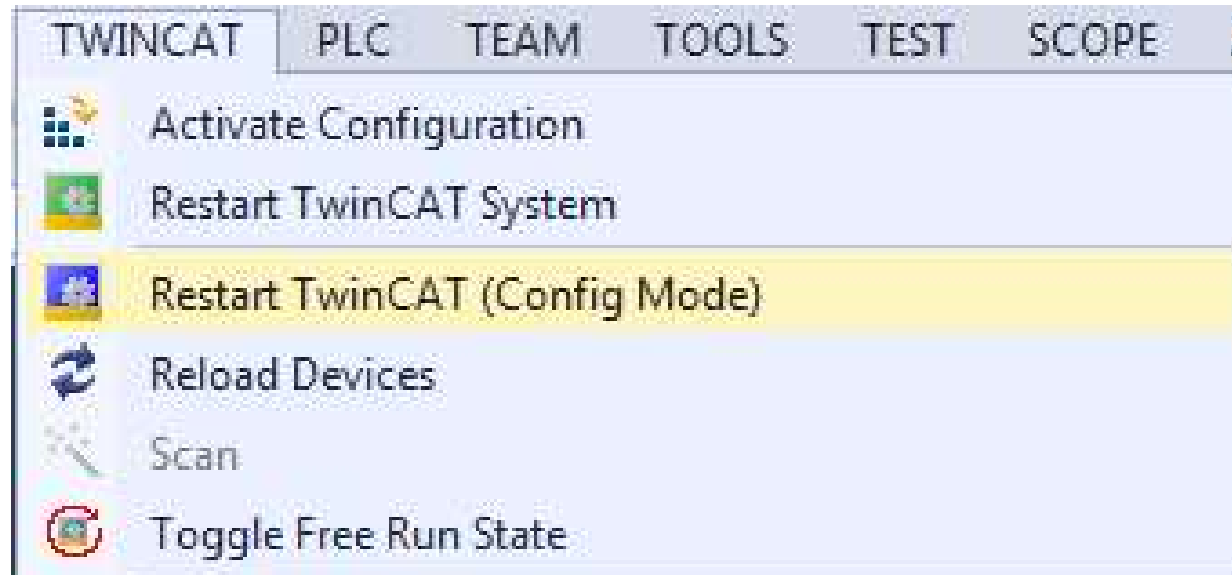


Scanning Hardware

Adding Hardware

BECKHOFF

- From the 'TwinCAT' menu, select 'Restart TwinCAT (Config Mode)'



Adding Hardware

BECKHOFF

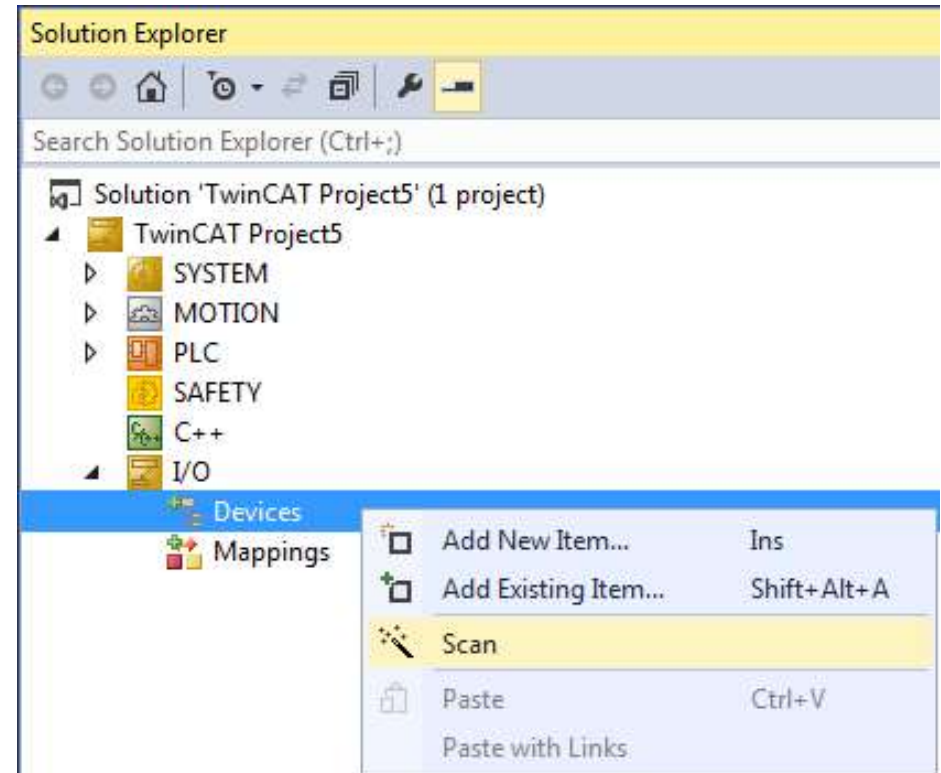
- Confirm the command by clicking 'OK'



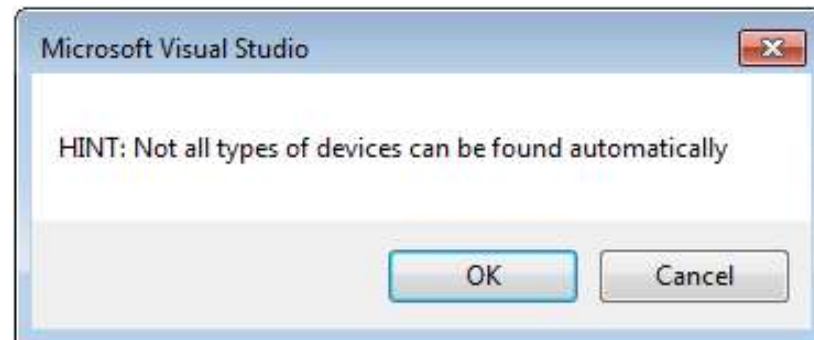
Adding Hardware

BECKHOFF

- In the 'Solution Explorer', under 'I/O'
- Right-click on 'Devices'
- Select 'Scan'



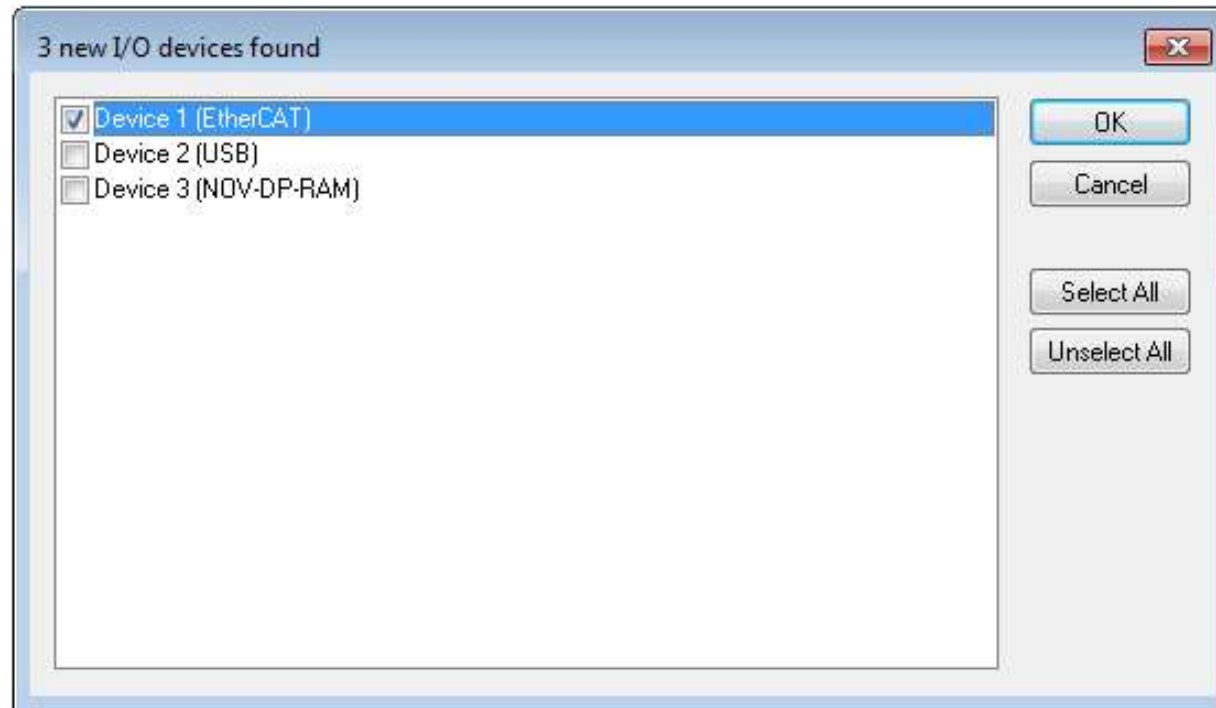
- Confirm with 'OK'



Adding Hardware

BECKHOFF

- Found devices are listed, and can be added to the I/O Configuration
- Select the 'EtherCAT' Master and then press 'OK'



Adding Hardware

BECKHOFF

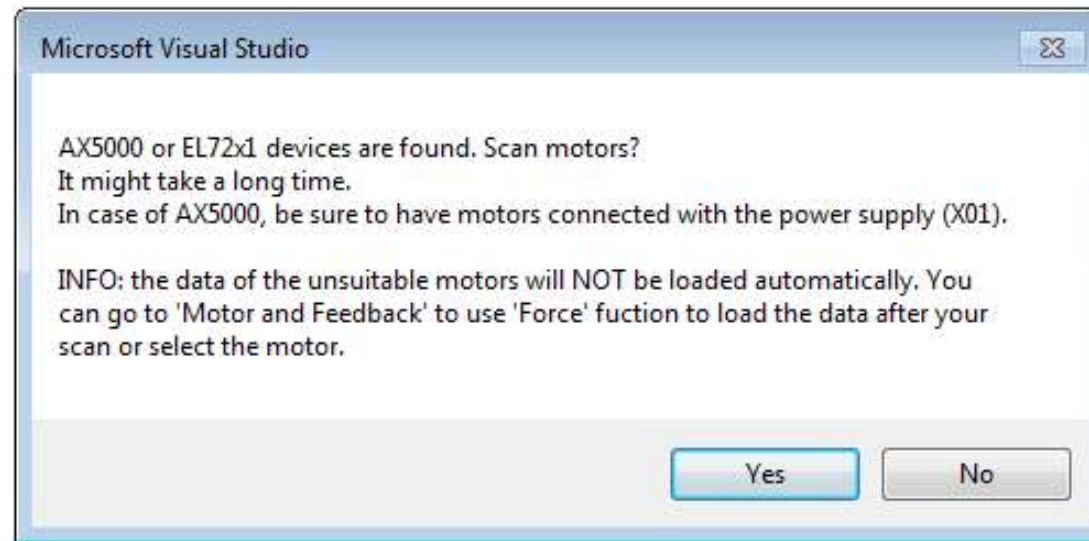
- Press 'Yes' to 'Scan for Boxes'
- Boxes will include I/O, Drives and other devices attached to the Field bus controller



Adding Hardware

BECKHOFF

- If a Beckhoff Servo controller is found, you will be asked if you would like to scan for the motors attached to these devices.

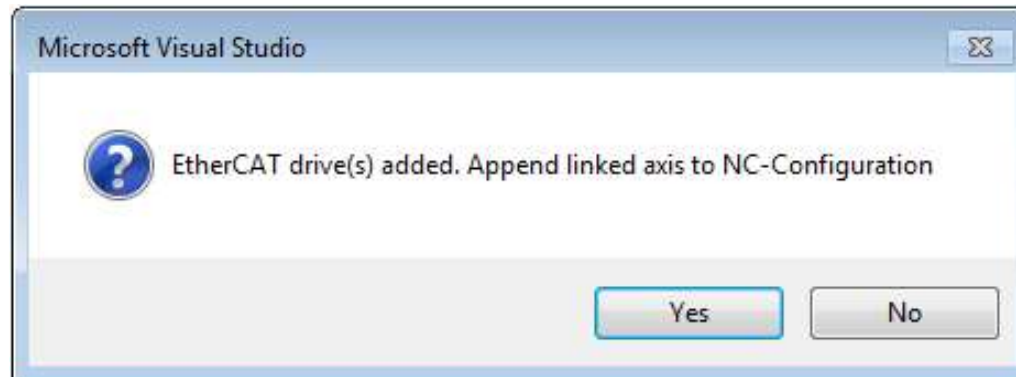


Note: Resolvers do not carry nameplate data, and therefore can not be scanned in.

Adding Hardware

BECKHOFF

- If an EtherCAT drive is found, you will be asked if you would like to add the NC-Configuration, append the axes and link them.



Adding Hardware

BECKHOFF

- Press 'Yes' to 'Activate Free Run', this will allow for the testing/updating of hardware without using a PLC program.

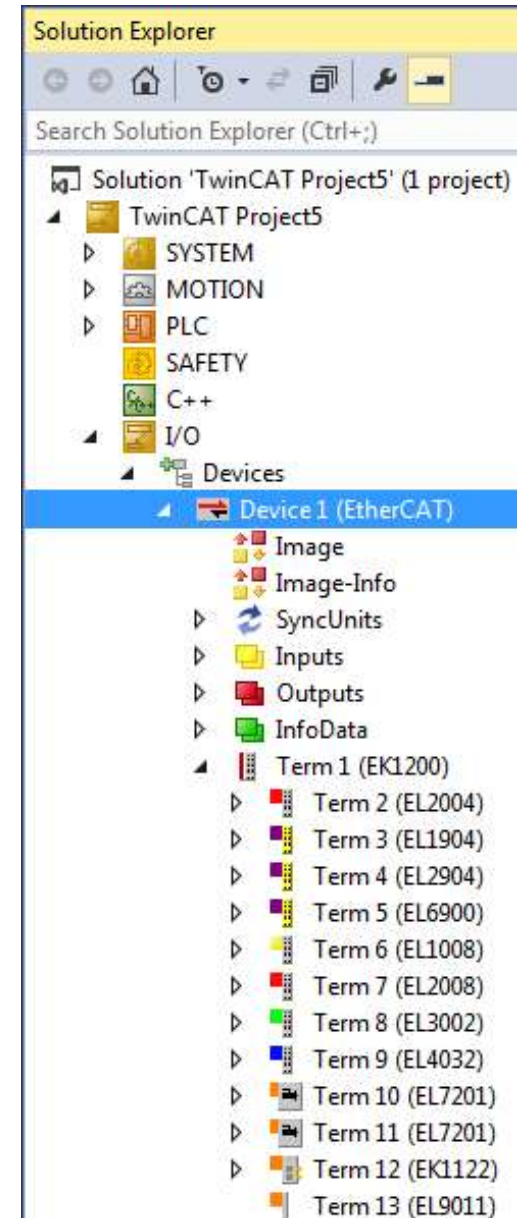


Note: Free Run is only allowed while in Config Mode

Adding Hardware

BECKHOFF

- The hardware that was found is now listed under 'Devices'



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