



Application Note

EMPD Europe
Marketing Application Team



PAC Controllers

PAC340EtherCATrestart



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1. Abstract

Different startup times for EtherCAT stations may require a restart at the EtherCAT master.

2. Reconfiguration of the EtherCAT Field Bus

As long as the status of the EtherCAT after power on is not InSync and the drive(s) are not operational the reconfigure function is executed and repeated each 5 seconds.

The bool variable xEtherCATready gets true after all axes are ready on the bus.

This example is for one axis.

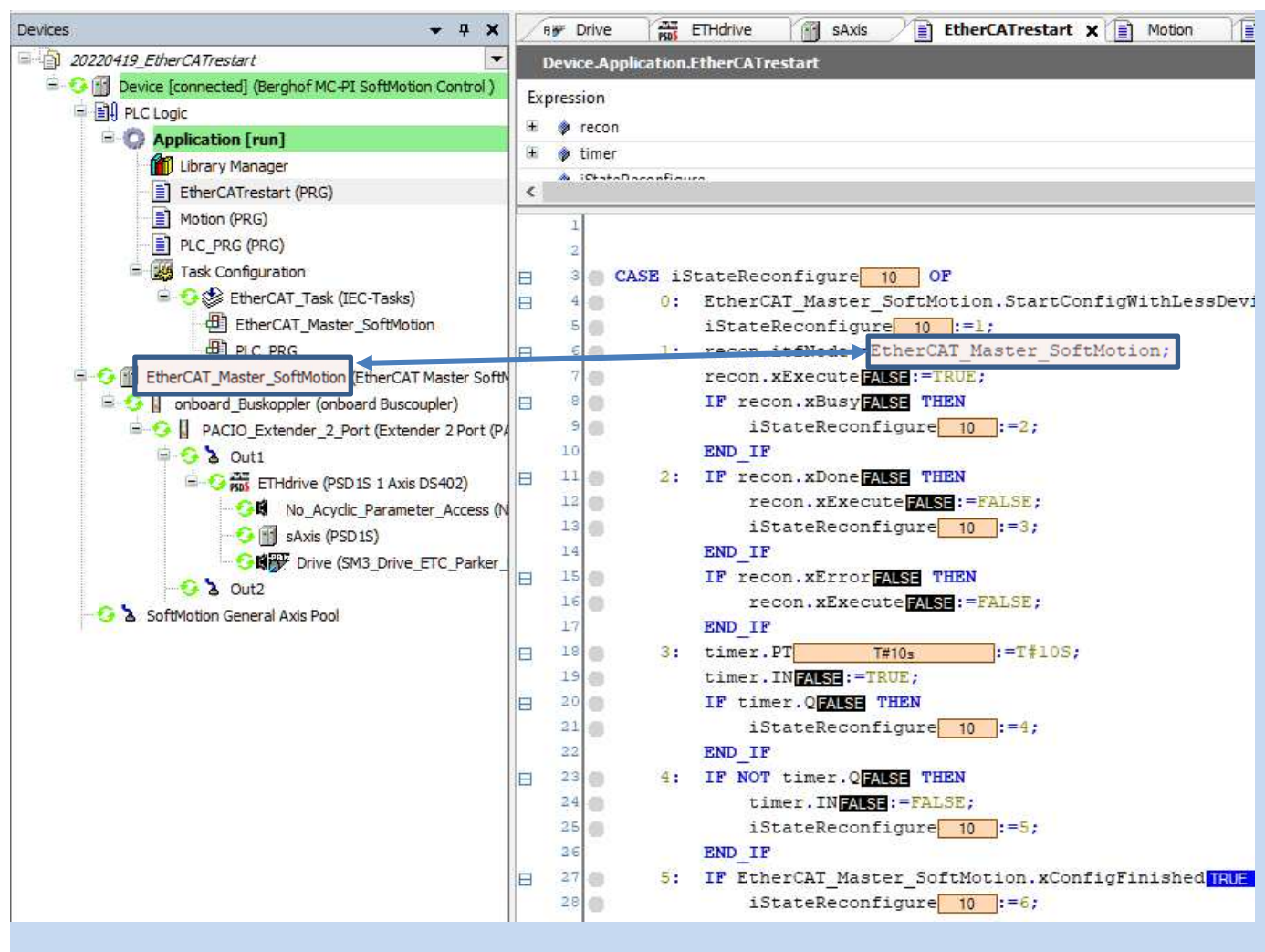


Figure 1, Reconfigure example

The name in the command line of the itfNode must correspond with the name in the device tree.

The corresponding project archive is [20220419_EtherCATrestart.projectarchive](#) created with CODESYS version 3.5.16 Patch4.



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