

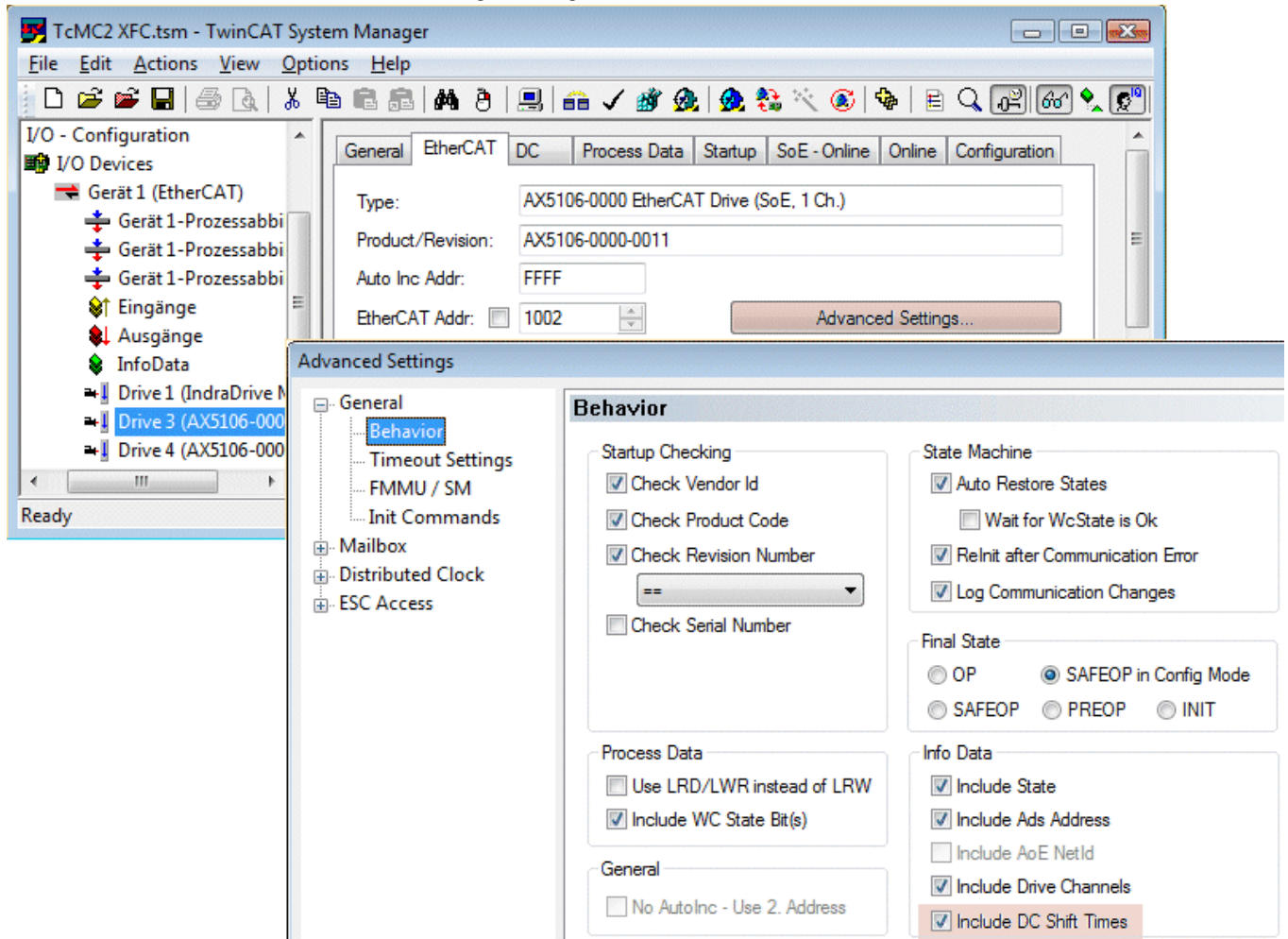
Dead time compensation

A prerequisite for high-precision conversion of positions into times and vice versa is precise dead time compensation of the axes. From TwinCAT 2.11 such a dead time compensation function is available for EtherCAT and Sercos axes. It operates largely automatically. Nevertheless, a manual configuration can be necessary, for example to compensate the drive's internal dead times.

Support of distributed clocks

Support for distributed clocks must initially be activated in EtherCAT drives as follows:

1. Call the drive's Ether CAT "Advanced Settings" dialog.



2. Activate the switch "Include DC Shift Times"

⇒ The time information is made available in the info data ("InfoData") of the drive and later linked with the NC axis.