

## Revision history of SYS TEC CANopen Stack

SYS TEC electronic AG, Am Windrad 2, 08468 Heinsdorfergrund, GERMANY

Latest changes:

### **Version V5.71:**

- **Several minor bugfixes**
- **Software changed:** By calling the process function CcmProcess(), all signaled variables configured in the MPDO scanner list are sent to the CAN driver at once.
- **Software changed:** The function CcmConnectToNet() is again a PUBLIC function if TGTOS support is used and must be called after a successful call to CcmInitCANopen.
- **Software changed:** *CANopen Manager:* The function CopMgrPreInitialize() must be called before TgtOsAddInstance() to get an CANopen instance handle which is used simultaneously for the TGTOS and CANopen functions of an instance.
- **Software changed:** *CANopen Master/Slave:* The function CcmPreInitCANopen() must be called before TgtOsAddInstance() to get an CANopen instance handle which is used simultaneously for the TGTOS and CANopen functions of the same instance.
- **Software changed:** *CANopen Bootloader:* The functions of the generic FLASH driver API have an additional instance parameter in order to be able to support different FLASH drivers at the same time.
- **New:** Added CAN driver for Microchip PIC32MZ and PIC32MK for internal CAN FD controller  
... \cdrv\cdrvpic32fd.c
- **New:** Added CAN driver for STMicroelectronics STM32H5 and derivatives for internal CAN FD controller  
... \cdrv\cdrvstm32h5x.c
- **New:** Added CAN driver for GigaDevice GD32F4 and derivatives for internal CAN controller  
... \cdrv\cdrvgigadev.c
- **New:** Added CAN driver for Infineon TRAVEO™ CYT2B75CADES and derivatives for internal CAN FD controller  
... \cdrv\cdrvt2g.c
- **New:** Added separate new CAN drivers for STM32H7 and STM32G4 derivatives for internal CAN FD controller  
... \cdrv\cdrvstm32h7x.c  
... \cdrv\cdrvstm32g4x.c
- **New:** Added some new targets  
... \target\cy2b75cae  
... \target\gd32f470ik  
... \target\stm32h563zit6  
... \target\stm32h562vit6  
... \target\pic32mk1024mcm100  
... \target\pic32mz2048efm144  
... \target\s32k148ujvlu  
... \target\tms320f28035
- **New:** Added new define COB\_CHECK\_RESTRICTED\_COBID to enable/disable the check if the user application uses COBID'S which are reserved for CANopen functionality according CiA301
- **New:** Added generic module for the binary block download, which works together with the CANopen bootloader
- **New:** MPDO module reworked for using SAM mode
- **New:** All CANopen examples reworked for µC, Windows and Linux
- **New:** All CANopen examples reworked for µC, Windows and Linux
- **New:** All CANopen examples reworked for CANopen bootloader
- **New:** CANopen bootloader also available to run on for DSP's like for example TI TMS320F28XXX