

Software History

Industrial Ethernet Xvi

Version	Date	History
5.34	04.05.26	- Added parameters: 0x5001:46 Servo Hardware Version, 0x5001:47 Motor Serial Number, 0x5001:48 Busmodule Protocol, 0x5023 Servo Serial Number String, 0x5024 Motor Serial Number String, 0x5025 Motor Type String. - Powerlink: CANopen Object 0x1018:4 provides the serial number of the servo controller. - Added info if Industrial IP address configured in the PLC programming tool overlaps with an IP address configured in Webmotion. - Improved processing performance resulting in better margins for EtherCAT with 100µs PLC cycle time.
5.32	17.02.26	- Profinet Telegram 5 servo ramps down with emergency deceleration when KPC is set to 0 (e.g. used with SINUMERIK in conjunction with SS2). This requires at least XENAX Firmware V8.16A. - EtherCAT slow EoE communication can be fixed by adjusting the mailbox size. It helps if the default mailbox size is not supported by the Network. See Manual "EtherCAT Mailbox size". This requires at least XENAX Firmware V8.16A.
5.30	23.12.25	- Lower minimal PLC cycle time supported: EtherCAT: 100µs Powerlink: 400µs Profinet IRT: 500µs - Support for more PLC cycle times: 133µs, 125µs, 150µs, 275µs etc. This requires at least XENAX Firmware V8.16. - Added parameters for torque sensor: SQST, FTPST. - Resolved an issue where Profinet T910 and T911 telegrams contained only zero values due to a bug introduced in version 5.24.
5.28	30.09.25	- Added parameters: ENCMS, ENCML, ENCMD. - Profidrive parameter 2000 is not reset after power cycle. This requires at least XENAX Firmware V8.12. - SINUMERIK Error 50 fixed when enabling power stage after axis was moved by hand. - Profinet switching supplementary data of Telegram possible without power cycle.
5.26	11.08.25	- Added parameters: FCSP, ENCCD, ENCPO
5.24	02.07.25	- Profinet Telegram 701 partially supported. - Profinet Telegram 5 fixed Error 50/72 after reference drive with Sinumerik and absolute encoder axis.

		- Added parameters for Fast trigger: FBCM, FTPA, FTPR, FTCD, FTCE, FTCH, FTCM, FTID, FTILB, FTIUB, FTOE, FTOG, FTOM, FTOPD, FTOPW, FTOI, FTPL.
5.22	25.04.25	- Powerlink support added - EtherCAT EoE enabled by default
5.20	27.01.25	- EtherNet/IP: CIP Sync support added. - Profinet telegram 5: Value changes of target position PDO are now transmitted to the servo controller in Profidrive state SwitchOnInhibited as well. This is used for gantry coupled mode. - Profinet telegram 9: Value changes of acceleration PDO are now also transmitted to the servo controller during an ongoing drive. This is used for stopping an ongoing drive with a different acceleration than it was started. - Added parameters: SOD, GCME, GBCM and TTGS. - Fixed spurious controller noise and Error 77 during intensive SDO communication.
5.18	08.10.24	- Profinet TIA Portal reference procedure improved. Functionality of JS_MC_Power split up into MC_Power and JS_MC_Reference. Old JS_MC_Power block only works with backwards compatibility mode enabled (PMHSD1). This feature requires at least Xenax Firmware V8.02. - Added parameters: FEIP, FEGW, FENM, FEMAC and IEMAC.
5.16	17.05.24	- EtherCAT: Support for Omron PLCs with Sysmac Studio. - EtherCAT: Support for Codesys PLCs - EtherNet/IP: Setting a fixed IP address with RsLinux works with the first request. Previously, IP address and subnet mask could not be changed in a single request.
5.14	06.02.24	- EtherNet/IP cyclic synchronous position mode supported with configurable RPI down to 1ms. - Added parameter: EGMSO, VMTAE, ENAR, CTAB, APSN, APSD, LARES and LAST.
5.12	21.12.23	- EtherNet/IP cyclic synchronous position mode support with 4ms RPI. - Fixed a bug where EtherNet/IP stack lost its IP-Address during Firmware update. - Profinet Telegram 910 and 911 supported for backwards compatibility with Versions below 5.00. - Communication speed improved between XENAX and Industrial Ethernet.
5.10	22.09.23	- EtherNet/IP profile position mode support. - Profinet Telegram 9 data consistency for drive start command and drive parameter like position and speed improved. - Removed space at the end of pdo names in eds
5.06	31.03.23	- Initial version with EtherCAT, Profinet and TCP/IP support.