

## Software History

### Industrial Ethernet Xvi

Version	Date	History
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 Protal 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 RsLinx 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

		<p>Versions below 5.00.</p> <ul style="list-style-type: none"> <li>- Communication speed improved between XENAX and Industrial Ethernet.</li> </ul>
5.10	22.09.23	<ul style="list-style-type: none"> <li>- EtherNet/IP profile position mode support.</li> <li>- Profinet Telegram 9 data consistency for drive start command and drive parameter like position and speed improved.</li> <li>- Removed space at the end of pdo names in eds</li> </ul>
5.06	31.03.23	<ul style="list-style-type: none"> <li>- Initial version with EtherCAT, Profinet and TCP/IP support.</li> </ul>