

Release for Production



SOFTWARE	
Change Notification (AE)	Scope: Global Production No.: AE014_2025

Distribution	G	SL	PD	PDM	OM	QA	ENH Lorenz Laden- burger	RD	SE	PP	PM	ENH	EN	AE	RDL	RDE	RDA	Total	
Sheet 1			X			X	X	X	X		X		X	X	X		X	X	10
Serial Sheet																			

Software S168813-2.3.1 / MPSW300-2.3.1 / BTSW300-2.3.1 / CTSW300-2.3.1 / M2SW300-2.3.1

- Software: v2.3.1 from 2025-03-27, GIT Hash 22be41da
- Required Sysdisk: <http://west037.atg.root/svn/Tools/Os9DevEnv/trunk@747>
mandatory to use Sysdisc S169372-220 on mPro400/200
- Base: S168813/MPSW300/BTSW300-2.2.0-Std / CTSW300-2.3.0-Std
- Development Environment: devenv-ix7-sdk-1.x 1.0-3
- Linked BTi version: TSSW100-102
- Linked STMD mc version: S168025-644
- Linked CellTek mc version: S169263-234
- Languages: German, English, Chinese, Polish, Spanish, Italian, Czech, French, Portuguese, Russian, Slovak, Serbian
- Configuration: 16 Tool Groups, 16 Tools, 250 Applications, 96 Steps, 250 Bitmaps (Pictures)

Main Changes / Enhancements to Version 2.2.0-Std / 2.3.0-Std (mProConnect version):

- REQ-17072, REQ-17146, REQ-17143, REQ-17037 - The new Cleco cordless controller mPro250 is supported
- REQ-17128 - Improved error acknowledgement with PDMi diagnostics for BTi spindles systems
- REQ-17120 - ToolsNet Port is configurable now
- REQ-17049 - Update XiBase Engine for the GUI to version 8.5.40
- REQ-17096 - Sending high torque values (>1000Nm) via fieldbus and Open Protocol is possible now (float values)
- REQ-16676 - The "Save All" function is now working via mProRemote
- REQ-17100 - Byte endianness for fieldbus data sending can be changed now ("Swap format")
- REQ-15413 - Implement MID61 Field 22 batch running status
- REQ-17102/ REQ-17103 – Added new SpiByteErgExtended / SpiByteFloatExtended byte area. Now we're able to transmit the threshold torque of angle driven sequences via fieldbus
- GMCC Operation Mode is now integrated
- GMPT code base is now integrated to be able to create the "A" variant

Remark: for updating an existing mPro400/200 it's mandatory to use a Sysdisc Version 2.20 with Update option 2.
A repartition of the CF is card required, otherwise there may be issues getting other updates later on the controller.

Please see additional information on the next page.

Target Hardware:	X	mPro400SG/GC / mPro200	X	mProConnect		PC (Windows)
	X	mPro300	X	PDMI	X	mPro250
Link to GIT/SVN:	http://west012.atg.root/mprosw/s168300/-/tree/v2.3.1-Std?ref_type=tags					

For request to:					
AE	X	- for consideration at new disposition	SE	X	- for consideration at service benefits
		- first consume old stock	SL		- information to all external agent representatives
		- rework stock	EN		- creating material data in SAP
	X	- for consideration at operation	PD		- ordering
X	- information to all mechanics			- current orders	
RDS / ENS / ENH	X	- for consideration at new conception	RDL		- debut price
	X	- for consideration at software duplication			- update test beds
		- update test beds			

	Editor:	Auditor:	Inspector:	Approval:	Order number:
Date	28.03.2025	28.03.2025	28.03.2025	28.03.2025	
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Additional information:

Bug Fixes (Customer Claim):

- PRR-23565, PRR-23389, PRR-23397, PRR-23420, PRR-23428:
Improved readability, translations and correction of minor errors in PDMi diagnostics for BTi spindles systems.
- PRR-17481 - Improved an issue that the process SCHRAUBE could not start at controller reboot
- PRR-17494 - The "No Ack Flag" didn't not work for MID 35
- PRR-18107 - *.tma software update files can be now files larger than 64MB
- PRR-21078 - fixed issue that mPro300 screen blanks out when factory security scans are executed
- PRR-22976 - fixed issue sending unplausible telegrams to ToolsNet on Linux based platforms
- PRR-23411 - fixed issue with Rundown data. There were missing records caused by incorrect date information in start message in Application mode
- PRR-23699 - mProConnect will not accept Open Protocol multi spindle MIDs now (MID90 to MID103).
- PRR-23715 - After SW updating there was a message "Bad Checksum on data media" after factory reset

Known issues:

mPro250:

- Bluetooth connections are limited to 1 tool

mPro250 / mProConnect / PDMI:

- Samba file transfer is not supported