Release for Production

APEX TOOL GROUP

	SOFTWARE	
Change Notification (AE)	**Scope: Global Production**	**No.: AE096_2023**

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	10
Serial Sheet																		

Software for mPro400SG/GC S168813-1.16.0-STD

- Software: S168813-1.16.0-STD from 2023-09-22, Rev 5527, Hash 7f76af1d
- Required Sysdisk: S169372-218
- Base: S16813-1.14.4-STD
- Development Environment: http://west037.atg.root/svn/Tools/Os9DevEnv/trunk@716
- Languages: German, English, Chinese, Polish, Spanish, Italian, French, Portuguese, Russian
- Configuration: 16 Tool Groups, 16 Tools, 99 Applications, 96 steps
- Operation concept: Standard software
- Special functions: none
- Data protocols: All standard protocol

Short description / main change / reason for new version:

Main Changes / Enhancements to Version 1.14.4-STD:

- REQ-16486 - IPM: Additional ID can be sent with different options.
- REQ-16490 - IPM: From version5 the Life telegram is sent every 5 minutes.

CellClutch Feature:
- REQ-16190 - Support RunScreen Visualisation for CellClutch
- REQ-16191 - Introduce CellClutch as tool type
- REQ-16192 - Support CellClutch communication with mPro
- REQ-16193 - Support batch counter / timeout
- REQ-16194 - Display tool errors on RunScreen
- REQ-16234 - Calibration Torque in tool setting should be grayed out
- REQ-16406 - Add support for CellClutch setting
- REQ-16407 - Add support of a new sequence configuration for CellClutch
- REQ-16517 - Support OP MIDs for CellClutch

Bug Fixes (Customer Claim):
- PRR-19261 - Controller does not update the App to be used in the linking mode.
- PRR-20101 - The Tool still disabled with Reject Release after JOB NOK
- PRR-20347 - F1 button (left button) on CellTek could activate scanner.
- PRR-20449 - NIO xml Files do not get closed correctly.
- PRR-20633 - 99 character barcode not possible with CellTek
- PRR-20676 - Small translation issue in French: replace the name "Broches" by "Outil"
- PRR-21050 - Automatic SI data transfer not possible with I-Wrench

Target Hardware:	mPro200GC, mPro200GC-AP, mPro400GC, mPro400GCD
Link to GIT/SVN:	http://west012.atg.root/mpro/s168813/-/tree/Development/1.16.0-Std

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			- ordering
	x	- information to all mechanics	PD		- current orders
RDS / ENS / ENH	x	- for consideration at new conception			- debut price
	x	- for consideration at software duplication	RDL		- update test beds
		- update test beds			

	Editor:	Auditor:	Inspector:	Approval:	Order number:
Date	25.09.2023	25.09.2023	25.09.2023	25.09.2023	
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