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		<b>QMS: Change Control MCPS 7</b>			
		<b>Release version 7.0.1.6 (06.02.2013)</b>			
<b>Important information:</b>					
		<b>SMartDac users: Depending on version of MCPS a full installation is required to install the latest import DLL of Yokogawa. See changes below.</b>			
		<b>S7 users: Since 7.0.9.6 output channels must be declared as &lt;digital&gt; or &lt;analog&gt; outputs. It's no longer possible to use one register for both types.</b>			

**Criticality "C" : 0 = Software extension, no error; 1 = Low , ..., 3 = High Side effect "Se": 1 = low,..., 3 = high Comment "Com": BF = BugFix, NF = New Function**

Date of release	Version	Description of changes	Date of test / result	C	Se	Com
10.05.2021	7.0.13.29	MW100: MCPS can crash due to buffer overrun after reconnect	10.05.2021 / OK (GR)	3	1	BF
21.04.2021	7.0.13.28	Graphical display can crash due to NULL pointer from GetActiveProject	21.04.2021 / OK (GR)	3	1	BF
08.04.2021	7.0.13.27	MW100: Downloading a setup did skip first channel (only one customer)	08.04.2021 / OK (GR)	3	1	BF
18.03.2021	7.0.13.26	Email to multiple recipients did not work with every provider due to invalid format in the to: statement	18.03.2021 / OK (GR)	2	1	BF
16.03.2021	7.0.13.25	Audit trail: MCPS start now with computer name	16.03.2021 / OK (GR)	-	1	NF
		Event log: Character with codes from 1 to 31 are blocked (control codes), which can cause problem loading events	04.03.2021 / OK (GR)	3	1	BF
22.02.2021	7.0.13.24	Internal Autofile update, if requested data range is not available (in use with Custom.dll)	22.02.2021 / OK (Cus)	3	1	BF
22.02.2021	7.0.13.23	DPM: New DLLs for WT-Series. Necessary for latest Windows versions	22.02.2021 / OK (Cus)	-	1	NF
		In some cases the TCP/IP gap filling crashes, because the related function was called with no channels	10.02.2021 / OK (GR)	3	1	BF
26.01.2021	7.0.13.22	Adding channels with long tags and comments to groupmanager can crash/close MCPS	25.01.2021 / OK (GR)	3	1	BF
21.01.2021	7.0.13.21	Project start with channel trigger: Math was not reset when trigger condition was met	21.01.2021 / OK (GR)	3	2	BF
16.12.2020	7.0.13.20	SmartDac: Device alarm setting mode: ONLY VALUE did not work	16.12.2020 / OK (GR)	3	1	BF
		SmartDac: Delay time is no longer set, because only useful with TH/TL alarm, which is not supported by MCPS	16.12.2020 / OK (GR)	1	1	BF
24.11.2020	7.0.13.18	Modbus: Setting outputs via Modus-RTU did not work	24.11.2020 / OK (GR)	3	1	BF
04.11.2020	7.0.13.17	Latest AutoFile was not updated for operations with several AutoFiles. Problem only with specific custom DLL	04.11.2020 / OK (GR)	3	1	BF
28.09.2020	7.0.13.16	Too much batch information (e.g. added by script) can lead to non loadable batch files	28.09.2020 / OK (GR)	3	1	BF
17.07.2020	7.0.13.15	MCPS can crash after related channels for dynamic alarm values are deleted AND <Set device> is used	13.07.2020 / OK (GR)	3	1	BF
10.06.2020	7.0.13.14	Automatic batch import: Batch files with older scans were imported into current monthly or yearly data base.	10.06.2020 / OK (GR)	1	1	BF
05.06.2020	7.0.13.13	Opus20: Workaround for customer specific crash during first scan of data	05.06.2020 / OK (GR)	3	1	BF

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		Setup printouts: Page number was partially out of page	18.10.2019 / OK (GR)	2	1	BF
08.10.2019	7.0.12.3	Opus20: Channel names in case of import too long (e.g. S2H_rel) which can lead to no gap filling	08.10.2019 / OK (GR)	3	1	BF
30.09.2019	7.0.12.2	ERES: Passwords and id's of administrators were not stored in user history file and could be used again.	30.09.2019 / OK (GR)	3	1	BF
27.09.2019	7.0.12.1	Batchmanager: Sometimes the input mask is called again, when batch is started	27.09.2019 / OK (GR)	2	1	BF
19.09.2019	7.0.11.12	Printlayouter: \$U (channel unit) added, \$BN now available for during batch import script	19.09.2019 / OK (GR)	-	1	NF
02.09.2019	7.0.11.10	SmartDac: Device settings of math channel alarms did not work	02.09.2019 / OK (GR)	3	1	BF
23.08.2019	7.0.11.9	Import of FX1000 files: 1h time deviation during daylight saving time	22.08.2019 / OK (GR)	3	1	BF
19.08.2019	7.0.11.8	SmartDac: No reconnect if slow sample rates are used > 1min	19.08.2019 / OK (GR)	3	1	BF
		User administration: Renaming user or group with more than 20 characters crashes MCPS	19.08.2019 / OK (GR)	3	1	BF
		SmartDac import with AS option leads to wrong scaling values due to wrong values from DLL	19.08.2019 / OK (GR)	1	1	BF
14.08.2019	7.0.11.7	Print layout: Legend with very small height caused crash	14.08.2019 / OK (GR)	2	1	BF
06.08.2019	7.0.11.6	Import of FX1000 files	06.08.2019 / OK (GR)	-	1	NF
05.06.2019	7.0.11.5	Extension for custom-dlls to send messages from dll to message window	29.04.2019 / OK (GR)	-	1	NF
		MCPS crashed due to too much data returned by the dongle library.	18.04.2019 / OK (GR)	3	1	BF
10.04.2019	7.0.11.3	SmartDac: User id added for login	10.04.2019 / OK (GR)	3	1	BF
09.04.2019	7.0.11.2	Critical math errors (division by zero) in offline operations (history/export) can influence online data	09.04.2019 / OK (GR)	3	1	BF
29.03.2019	7.0.11.1	Setting of device alarms for H+OFL/L+UFL didn't work in any case.	29.03.2019 / OK (GR)	3	1	BF
27.03.2019	7.0.10.20	MW100: Start command (DS0) is not sent, if MW is already running. Important in case of login with user level	27.03.2019 / OK (FS)	1	2	NF
13.02.2019	7.0.10.19	Additional logging information for project variables	13.02.2019 / OK (GR)	-	1	NF
25.01.2019	7.0.10.18	MCPS configuration: DLL export/import added	25.01.2019 / OK (FS)	-	1	NF
17.01.2019	7.0.10.17	Opus20: Wrong download information in status area	16.01.2019 / OK (GR)	1	1	BF
11.12.2018	7.0.10.16	Automatic printout after SmartQuit forgot last trigger time.	11.12.2018 / OK (GR)	2	1	BF
26.11.2018	7.0.10.15	S7: Driver sometimes did not reconnect. Additional reconnections added in case of device not ready	26.11.2018 / OK (GR)	3	1	BF
19.11.2018	7.0.10.14	MATH: IN, SUM and TC return wrong values, if such a predecessor function gets invalid input data	19.11.2018 / OK (GR)	3	1	BF
18.10.2018	7.0.10.12	MServSnapshot: Could crash MCPS with next start, if done without any active connection	18.10.2018 / OK (GR)	3	1	BF
		OPC: Channel data from Kepware servers were switched and jumping	18.10.2018 / OK (GR)	3	1	BF
		Errors in project log file could cause crash. CRC check is now done first.	17.10.2018 / OK (GR)	3	1	BF
09.10.2018	7.0.10.11	Gapfilling in case of change to winter time worked not properly.	09.10.2018 / OK (GR)	3	1	BF
04.10.2018	7.0.10.10	Autostart: In case of missing NCS connection, projects are not started automatically due to error message window	04.10.2018 / OK (GR)	3	1	BF
13.09.2018	7.0.10.9	Time synchronisation could rarely miss a trigger point.	13.09.2018 / OK (GR)	2	1	BF
		Metis: Support for M3series did not work together with older devices	13.09.2018 / OK (GR)	3	1	BF
		Alarm retrigger: outputs were not set again in mode <pulse> or <reset output on acknowledge>	28.08.2018 / OK (GR)	2	1	BF
03.08.2018	7.0.10.8	Numeric window: When returning from maximized window to standard size x-scroll bar could not reach all channels	02.08.2018 / OK (GR)	1	1	BF
18.07.2018	7.0.10.7	MW100: Timeout for stop of recording increased (90s), since device alarms were not updated	17.07.2018 / OK (CM)	2	1	BF
27.06.2018	7.0.10.6	SoloView in analog mode: Alarm limits did not update in case of dynamic alarms with math channels	26.06.2018 / OK (GR)	2	1	BF
20.06.2018	7.0.10.5	Easybus driver crashed, if removed from device manager without successful AutoDetect	20.06.2018 / OK (GR)	2	2	BF

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		Audittrail: In case of LDAP a change of administrator login name was always detected on the Admin page.	15.06.2018 / OK (GR)	-	1	NF
		Email: Channel unit added	15.06.2018 / OK (GR)	-	1	NF
06.06.2018	7.0.10.4	Easybus driver added	29.05.2018 / OK (GR)	-	1	NF
		CR + LF removed in export information e.g. email text to avoid invalid Excel imports	29.05.2018 / OK (GR)	1	1	BF
		Project configuration: when adding an alarm output device connection was made even measurement was not active	29.05.2018 / OK (GR)	1	1	BF
16.05.2018	7.0.10.2	Group manager in data windows can crash, if item texts with device name, tag etc. are longer than 80 characters	16.05.2018 / OK (GR)	3	1	BF
07.05.2018	7.0.10.1	S7-1500 supported	07.05.2018 / OK (GR)	-	1	NF
20.04.2018	7.0.9.28	ALLDRV: Ethernet communication with RS485 supported	19.04.2018 / OK (GR)	-	1	NF
		Merging of AutoFiles with index saving did not create index file for new project	10.04.2018 / OK (GR)	2	1	BF
21.03.2018	7.0.9.27	PMON: Printout for LEDs and Analogmeters not correct	21.03.2018 / OK (GR)	2	1	BF
		Green series controller could not be added to device manager	19.03.2018 / OK (GR)	1	1	BF
13.03.2018	7.0.9.26	W750: Block operations did not work on alarm level 2-6. Level 1 was always affected.	13.03.2018 / OK (GR)	2	1	BF
21.02.2018	7.0.9.25	In case of alarm retrigger delay MCPS took wrong delay time after alarm acknowledge for next alarm check	21.02.2018 / OK (GR)	3	1	BF
		In case of alarm retrigger often wrong alarm messages with end date of 1969 were shown	21.02.2018 / OK (GR)	3	1	BF
08.02.2018	7.0.9.24	MCPS now blocks quit or smartquit during adding data from alternative drive to original data path	08.02.2018 / OK (GR)	3	1	BF
24.01.2018	7.0.9.23	WAGO import: Cosphi channel name was PF instead of CP	24.01.2018 / OK (GR)	1	1	BF
23.01.2018	7.0.9.22	WAGO driver: Setting alarm information due to <set device> is speed up by sending several settings in one step	23.01.2018 / OK (GR)	-	2	NF
17.01.2018	7.0.9.21	PMON: Trend window has no frame, so update of frame title is incorrect --> must be skipped.	15.01.2018 / OK (GR)	1	1	BF
09.01.2018	7.0.9.19	Modbus driver: Support of gap filling with device specific DLL	08.01.2017 / OK (GR)	-	2	NF
21.12.2017	7.0.9.18	Serial communication speed up with MCPS extension -z2	21.12.2017 / OK (GR)	-	1	NF
		Scan cycle time in test measurement now with three decimal places	21.12.2017 / OK (GR)	-	1	NF
		Modbus: GAP Filling with specific DLL possible. Must be supported by device	20.12.2017 / OK (GR)	-	2	NF
19.12.2017	7.0.9.17	Alarm online window in classic (channel) mode: Several alarms of one channel could not be acknowledged	18.12.2017 / OK (GR)	3	1	BF
		When manual channel names are allowed they are no longer verified in case of imported projects	19.12.2017 / OK (GR)	1	1	BF
		MCPS could crash, if channels were deleted whereto math channels in alarm limits were referenced	08.12.2017 / OK (GR)	3	1	BF
17.11.2017	7.0.9.13	W750: Serial number of PFC200 not detected-> No gap filling possible	17.11.2017 / OK (GR)	3	1	BF
15.11.2017	7.0.9.12	Script in or at end of project configuration did not find project. Bug exists since 7.0.9.8	15.11.2017 / OK (GR)	2	1	BF
14.11.2017	7.0.9.11	Online script was started at end of project/batch, when project was still in trigger phase. Session could crash	14.11.2017 / OK (GR)	2	1	BF
08.11.2017	7.0.9.10	Automatic alarm print out printed old alarms, which are out of time range. This bug exists since 31.08.16	08.11.2017 / OK (GR)	3	1	BF
26.10.2017	7.0.9.8	Project can not be closed during active scripting now	23.10.2017 / OK (GR)	2	1	BF
18.10.2017	7.0.9.7	File requesters can now be resized	18.10.2017 / OK (GR)	-	1	NF
17.10.2017	7.0.9.6	S7: By reconnecting to a device write registers maybe set to invalid values until the next measurement scan	17.10.2017 / OK (GR)	3	1	BF
		OPC: Bool value delivers -1 in case of true	05.10.2017 / OK (GR)	1	1	BF
28.09.2017	7.0.9.5	MCPS can crash in case of gapfilling (wrong buffer for reading next scan of gap project). Bug is from 28.08.17	28.09.2017 / OK (GR)	3	1	BF
28.09.2017	7.0.9.4	S7: Running in auto mode or with fixed sample rate delivered sometimes invalid data	28.09.2017 / OK (GR)	3	1	BF
		Project configuration/tags and comments: Copy/Paste from other source with line feeds in text can crash MCPS.	28.09.2017 / OK (GR)	3	1	BF

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		Preset gap after reset saved <data error> instead of <no data> in case of active data reduction with averaging	08.09.2017 / OK (GR)	3	1	BF
		MCPS rarely chashes in case of closing graphical window. Catch routine added.	30.08.2017 / OK (GR)	3	1	BF
28.08.2017	7.0.9.3	Gap filling after change to winter time: Double import of device data prohibited	28.08.2017 / OK (GR)	3	1	BF
23.08.2017	7.0.9.1	Serial number of first device in project is overwritten in case of adding or unsuspending a device	23.08.2017 / OK (GR)	3	1	BF
01.08.2017	7.0.8.14	NCS client no longer runs into timeout, if connection was closed by NCS or firewall	01.08.2017 / OK (GR)	-	2	NF
31.07.2017	7.0.8.13	MW100: Setting alarm parameters could block other projects	31.07.2017 / OK (GR)	2	1	BF
		MW100: Setting alarm parameters was done several times	28.07.2017 / OK (GR)	2	1	BF
		Alarm is now hold even in case of invalid alarm value (dynamic alarm values)	28.07.2017 / OK (GR)	-	1	NF
19.07.2017	7.0.8.12	Printout of device setups: Only first tab page was printed (MW100/MX100/W750)	19.07.2017 / OK (GR)	2	1	BF
06.07.2017	7.0.8.11	W750: Import of math data corrected (Only constant values)	06.07.2017 / OK (GR)	3	1	BF
28.06.2017	7.0.8.10	W750: Support of MCON 2.2 math channels	29.06.2017 / OK (GR)	1	1	BF
		ALLDRV: [SX] for device address in command string was not working	23.06.2017 / OK (GR)	1	1	BF
		W750: Crash in case of more than 60 input channels	23.06.2017 / OK (GR)	3	1	BF
19.06.2017	7.0.8.9	DX: Timeout for stopping recording in case of setup upload changed from 15s to 30s	19.06.2017 / OK (GR)	2	1	BF
31.05.2017	7.0.8.7	SmartDac: Autodetect does not detect module changes, if number of channels is still equal	31.05.2017 / OK (GR)	1	1	BF
12.05.2017	7.0.8.5	W750: Possible crash in case of downloading/uploading setup when using MCON password	12.05.2017 / OK (GR)	3	1	BF
		W750: Wrong error message in case of start of backup without SD card	12.05.2017 / OK (GR)	1	1	BF
11.05.2017	7.0.8.4	Math: Changes to user functions could be undone by x-scrolling the trend window	11.05.2017 / OK (FS)	2	1	BF
08.05.2017	7.0.8.2	Math: EQ was not working properly due to inaccuracy of floating point format. Now very small deviations are allowed	27.04.2017 / OK (GR)	2	1	BF
		MCPS can crash due to NULL pointer when filling background of project configuration frame	04.05.2017 / OK (GR)	3	1	BF
11.04.2017	7.0.8.1	User curves not computed correctly for numeric window and cursors	11.04.2017 / OK (GR)	3	1	BF
04.04.2017	7.0.7.17	Emails after autostart and before login were not sent	04.04.2017 / OK (GR)	2	1	BF
		Modbus: MCPS can crash, if outputs are written, but no inputs are used	04.04.2017 / OK (GR)	2	1	BF
03.04.2017	7.0.7.16	Opus20: Download times not correct, if start time is winter time and some data is in summer time	03.04.2017 / OK (GR)	3	1	BF
22.03.2017	7.0.7.15	Batchsession: Filenames of project could be lost in case of SmartQuit	22.03.2017 / OK (GR)	2	1	BF
14.03.2017	7.0.7.13	Creating backup of logfile at startup can cause unwanted error message	14.03.2017 / OK (GR)	1	1	BF
07.03.2017	7.0.7.12	Modbus: Setting outputs only worked with device address 0, if verified by the instrument	07.03.2017 / OK (GR)	2	1	BF
22.02.2017	7.0.7.10	A6052 supported	22.02.2017 / OK ( C )	-	1	NF
01.02.2017	7.0.7.6	WT driver with USB: USB-ID lost in device manager	01.02.2017 / OK (GR)	2	1	BF
31.01.2017	7.0.7.5	Infratec driver updated to support current irbgrab.dll and VarioCam HD	31.01.2017 / OK (GR)	-	1	NF
		Display of free memory is now available memory for MCPS and not total possible mem	31.01.2017 / OK (GR)	-	1	NF
		Metis driver: All temperature values >3000 are set to invalid data	31.01.2017 / OK (GR)	-	1	NF
19.01.2017	7.0.7.3	Automatic batch import: Merging files to monthly batch did not work	19.01.2017 / OK (RM)	3	1	BF
17.01.2017	7.0.7.1	Numerial and trend displays are not showing all data of AutoFiles in case of <standard> project save mode	17.01.2017 / OK (RM)	2	1	BF
16.12.2016	7.0.6.46	Watchdog is triggered during gap filling	16.12.2016 / OK (GR)	1	1	BF
15.12.2016	7.0.6.44	Setting alarms on SmartDac with option /AS didn't work	14.12.2016 / OK (RM)	2	1	BF

08.12.2016	7.0.6.42	KE2700 driver with MCPS option -k8 enables external junction compensation	08.12.2016 / OK (GR)	-	1	NF
		CRC error on program.cfg could occur (CRC was written twice). Maybe this is a Windows issue. Workaround.	06.12.2016 / OK (GR)	2	1	BF
		W750 driver: Backup file size expanded to 1,2,3,6,12,24 hour files	08.12.2016 / OK (GR)	-	1	NF
23.11.2016	7.0.6.38	In case of lost dongle MCPS can hang, if log in window is active	23.11.2016 / OK (GR)	1	1	BF
		Opus300 deadlock in case of communication problems during setting output	17.11.2016 / OK (GR)	1	1	BF
15.11.2016	7.0.6.36	In case of Windows shutdown autostart file was deleted.	15.11.2016 / OK (RM)	1	1	BF
08.11.2016	7.0.6.34	Logout when file requester is still open enabled different user to load/save files without according user rights	08.11.2016 / OK (RM)	1	1	BF
20.10.2016	7.0.6.33	SmartDaq: Expansion module was not correctly supported	20.10.2016 / OK (GR)	1	1	BF
20.10.2016	7.0.6.32	Client: Wrong alarm was acknowledged, if new alarm occurs during entering alarm comment	19.10.2016 / OK (GR)	1	2	BF
17.10.2016	7.0.6.31	Setting cursor on read only autofiles can crash MCPS	17.10.2016 / OK (GR)	1	1	BF
30.09.2016	7.0.6.30	Script command PrintAlarms: PrintLayout could not be loaded	30.09.2016 / OK (RM)	1	1	BF
28.09.2016	7.0.6.29	Script command PrintAlarms: Script error, if printer is not defined in PrintLayout string as a second parameter (vblf)	28.09.2016 / OK (GR)	1	1	BF
13.09.2016	7.0.6.26	Copy project did not work from batch files with index saving mode	13.09.2016 / OK (RM)	1	1	BF
		Print layouter control command \$PX extended to get partial text.	13.09.2016 / OK (RM)	1	1	NF
06.09.2016	7.0.6.24	Project config: User was not visible in owners, when same login was used for admin in LDAP environment	06.09.2016 / OK (RM)	1	1	BF
		MX100: Reconnect sometimes failed in case of several MX100s	05.09.2016 / OK (RM)	1	1	BF
02.09.2016	7.0.6.23	MW100: Support for th/th alarm types	02.09.2016 / OK (GR)	1	1	NF
31.08.2016	7.0.6.22	Conversion from autofile to batchfile can lead to invalid alarm acknowledgement comments	31.08.2016 / OK (GR)	1	1	BF
19.07.2016	7.0.6.21	Metis devices with identifier 55xxx, which need <dd> command instead of <od>, not detected	06.07.2016 / OK (RM)	1	1	BF
07.07.2016	7.0.6.18	Automatic batch printout with window layout: Wrong channels at y-axes; not those of layout	06.07.2016 / OK (RM)	1	1	BF
28.06.2016	7.0.6.14	Project configuration: Texts in disabled edit fields were overwritten in case of vertical scrolling	28.06.2016 / OK (RM)	1	1	BF
		Batch information are updated to allow printing before batch has been stopped.	28.06.2016 / OK (RM)	1	1	BF
		W750 driver: Support of MCON 2.0 with setup functionality: Scaled values, averaging, alarms	28.06.2016 / OK (RM)	1	2	NF
22.06.2016	7.0.6.11	SmartDac: DLL for import changed to V3	22.06.2016 / OK (RM)	-	1	NF
16.06.2016	7.0.6.8	In case of several projects with PMON sometimes PMON window was not shown	16.06.2016 / OK (GR)	2	1	BF
09.06.2016	7.0.6.7	Logging information added to find PMON problem. No other modifications done	09.06.2016 / OK (GR)	-	1	NF
31.05.2016	7.0.6.4	Stepping back through Autofiles: No data for math function SD	31.05.2016 / OK (RM)	1	1	BF
02.05.2016	7.0.6.1	If no password for admin2 or admin3 were defined, login with administrator2/3 was possible without password	02.05.2016 / OK (GR)	1	1	BF
25.04.2016	7.0.5.48	Printout of trend. White marker text was not changed to black like color of curve	25.04.2016 / OK (RM)	1	1	BF
21.04.2016	7.0.5.47	File gap filling with DX files sometimes did not work, if gap was in the last hour of the device file.	21.04.2016 / OK (RM)	1	1	BF
18.04.2016	7.0.5.45	WT3xx: Harmonic setup could not be downloaded by serial interface	18.04.2016 / OK (GR)	1	1	BF
13.04.2016	7.0.5.43	A5000: Device test failed, if device was set to NO CRC	12.04.2016 / OK (GR)	2	1	BF
07.04.2016	7.0.5.41	A6000: Support of newer firmware with higher data length	07.04.2016 / OK (GR)	-	1	NF
24.03.2016	7.0.5.39	SmartDac: Support of Pulse module added	24.03.2016 / OK (GR)	1	1	NF
		WT300 series: RS232 setup upload was not working. Measurement time cycle was timeout dependent (too high)	24.03.2016 / OK (RM)	1	1	BF
01.03.2016	7.0.5.37	Window layout manager: Saving a layout can crash, if a window is minimized, which was placed by a layout before	02.03.2016 / OK (RM)	1	1	BF

26.02.2016	7.0.5.34	Offline trend: Alarm color is sometimes not set correctly due to data inaccuracy	26.02.2016 / OK (RM)	1	1	BF
15.02.2016	7.0.5.31	Metis: Support for M3 series added	15.02.2016 / OK (GR)	1	1	NF
10.02.2016	7.0.5.30	S7: Output of WORD and DWORD variable were handle as REAL --> invalid outputs	10.02.2016 / OK (GR)	1	1	BF
08.01.2016	7.0.5.21	PrintOfflineTrend2 with option 32 did not work for multi page printout	08.01.2016 / OK (RM)	1	1	BF
22.12.2015	7.0.5.20	Opus20: Selection of recording channels for devices with more than 20 channels	22.12.2015 / OK (RM)	1	1	NF
18.12.2015	7.0.5.18	Opus20: Support of more than 20 channels for online measurement	18.12.2015 / OK (RM)	1	1	NF
		Email: ESMTP support with ehlo negotiation. Some servers did not accept authenticated email in SMTP format	18.12.2015 / OK (RM)	1	1	BF
20.11.2015	7.0.5.11	WT300 series with RS232 support	06.11.2015 / OK (GR)	1	1	NF
06.11.2015	7.0.5.9	Modbus: MCPS parameter -k32 opens and closes the connection with every scan	06.11.2015 / OK (GR)	1	2	NF
03.11.2015	7.0.5.3	Import of device files: Change from summer time (DST) to winter time with incorrect time offset	03.11.2015 / OK (RM)	1	1	BF
28.10.2015	7.0.5.1	Change from summer time (DST) to winter time was not detected for all systems --> One hour of data was missing	28.10.2015 / OK (RM)	1	1	BF
28.09.2015	7.0.4.14	Calibration file of a project (zeromeasurement) was not copied, if a project was copied	28.09.2015 / OK (RM)	1	1	BF
		SmartDac: Sending a setup removed the file CRC, so that file could not be used again.	22.09.2015 / OK (GR)	1	1	BF
27.07.2015	7.0.4.8	MW100: In case of very short ethernet interruption, no data is saved, but no error message occurs: no autogapfilling	12.07.2015 / OK (GR)	1	1	BF
17.07.2015	7.0.4.7	Statistical printout: Computation of character width adjusted to avoid line overwriting	17.07.2015 / OK (GR)	1	1	BF
16.07.2015	7.0.4.6	Gapfilling was not working with batchfiles, which data was saved in index mode	16.07.2015 / OK (GR)	1	1	BF
16.07.2015	7.0.4.5	S7: DLL can crash, if several devices have lost communication at same time. Now a ping is used as test before.	16.07.2015 / OK (GR)	1	1	BF
		Batch database window. If a batch is loaded, which is already loaded, MCPS can crash	16.07.2015 / OK (RM)	1	1	BF
07.07.2015	7.0.4.4	OPC: In sync mode update rate was set to 10s. Now reduced to 1s to get data from B&R controller	07.07.2015 / OK (GR)	1	1	BF
02.07.2015	7.0.4.3	Gapfilling: If the device file itself contains a gap, the project gap is filled up with data from wrong scan	02.07.2015 / OK (GR)	1	1	BF
29.06.2015	7.0.4.2	MCPS could crash, if a project was loaded with missing math files and historical window was opened by layout	29.06.2015 / OK (GR)	1	1	BF
25.06.2015	7.0.4.1	MW/MX import: Wrong time (+1h) during summer time	25.06.2015 / OK (RM)	1	1	BF
		For sending emails internally time zone had to be changed, which could cause invalid sample times and pauses	25.06.2015 / OK (GR)	1	1	BF
17.06.2015	7.0.3.48	MSERV: On clients in solo or bar graph window incorrect alarms could be displayed for alarm level > 8	17.06.2015 / OK (GR)	1	1	BF
15.06.2015	7.0.3.46	Search for network printers removed, in addition all connected printers are listed (also remote printers)	15.06.2015 / OK (GR)		1	NF
10.06.2015	7.0.3.45	S7: Length of strings is now evaluated to copy only real number of characters	10.06.2015 / OK (GR)	2	1	BF
29.05.2015	7.0.3.44	Search for network printers added	29.05.2015 / OK (GR)	-	1	NF
		Page number on printout was sometimes printed vertically	29.05.2015 / OK (GR)	1	1	BF
22.05.2015	7.0.3.42	Workaround: MCPS versions < 7.0 can create batchfiles with same id, so files could not be loaded at same time	22.05.2015 / OK (GR)	2	1	BF
21.05.2015	7.0.3.40	PrintOfflineTrend2: Options = 32 added to use y-axes channels as defined in window layout	21.05.2015 / OK (GR)	-	1	NF
18.05.2015	7.0.3.38	S7 with output channels: In case of communication problems MCPS can hang or crash, if project is restarted.	18.05.2015 / OK (GR)	2	1	BF
11.05.2015	7.0.3.35	Adding a printer to Windows system can stop automatic printouts	11.05.2015 / OK (RM)	1	1	BF
08.05.2015	7.0.3.34	WAGO: Import sets sample rate in project always to 1s	07.05.2015 / OK (GR)	2	1	BF
		Gap filling: Search start time in project must be one sample before start time of device data to fill up all possible scans	07.05.2015 / OK (GR)	2	1	BF
27.04.2015	7.0.3.32	SmartDac: Support of GM10 added, Style 2 support added for importing files; support for 4-20mA module	27.04.2015 / OK (GR)	1	2	BF
17.04.2015	7.0.3.28	SmartDac: MCPS could crash, if device is copied in device manager.	17.04.2015 / OK (GR)	2	1	BF

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19.03.2015	7.0.3.26	Data reduction with mean values was not working with index saving	23.03.2015 / OK (GR)	1	2	BF
19.03.2015	7.0.3.24	WAGO driver: FTP-server password was not stored correctly in MCPS	19.03.2015 / OK (GR)	2	1	BF
		Project configuration: Column <data> did not scroll correctly for math channels	18.03.2015 / OK (GR)	1	1	BF
		Gap filling: Channels without data mode = on are not updated	18.03.2015 / OK (GR)	1	2	BF
		Turning on web server in MCPS settings did not start server immediately. MCPS had to be restarted.	16.03.2015 / OK (GR)	1	1	BF
11.03.2015	7.0.3.21	Double data saving in index mode had no effect.	11.03.2015 / OK (RM)	1	1	BF
25.02.2015	7.0.3.15	PMON editor: Change of LED shape had no effect	25.02.2015 / OK (GR)	1	1	BF
		PMON editor: Text item with no yet defined register leads to error message	25.02.2015 / OK (GR)	1	1	BF
		Opus300 driver added				
		Opus20: Automatic gap filling didn't work, if one channels delivered always invalid data	06.02.2015 / OK (GR)	2	1	BF
20.01.2015	7.0.3.10	Projects with index saving: Adding multiple or suspended devices in one step during measurement is not possible.	20.01.2015 / OK (GR)	1	1	BF
		Device manager: Comments for devices increases memory usage with each measurement scan	20.01.2015 / OK (GR)	3	1	BF
15.01.2015	7.0.3.9	Import of MW100 files: Invalid data, if alarm level 3/4 is reporting an alarm	15.01.2015 / OK (GR)	3	1	BF
12.12.2014	7.0.3.5	Gapfilling can crash MCPS, when channels were added to projects already containing data	12.12.2014 / OK (GR)	3	1	BF
		Output channels/devices can now be added during measurement when using index saving mode	12.12.2014 / OK (GR)	1	1	BF
11.12.2014	7.0.3.4	Teamviewer implemented	11.12.2014 / OK (GR)	-	1	NF
01.12.2014	7.0.3.1	Invalid data shown in index mode and autfiles, when channels were added to projects already containing data	01.12.2014 / OK (GR)	3	1	BF
		Netview: After autologout and releasing dongle license MCPS could not relogin again.	27.11.2014 / OK (GR)	1	1	BF
		DV2D: MCPS crashed in case of to many iso lines. Internal buffer increased. Max. lines reduced to 20	27.11.2014 / OK (GR)	2	1	BF
		Mserv-Snapshot was not working, if user profile directory was not yet created in folder <Profiles>	20.11.2014 / OK (GR)	1	1	BF
06.11.2014	7.0.2.47	MCPS could crash in case of very long comment for alarm acknowledge	06.11.2014 / OK (RM)	3	1	BF
		Start parameter -q added to avoid crash message. MCPS is closed immediately to be restarted by FireDameon	06.11.2014 / OK (GR)	-	1	NF
20.10.2014	7.0.2.40	MW100: Setup with digital input module caused error messages when sending setup	20.10.2014 / OK (GR)	1	1	BF
02.10.2014	7.0.2.39	Modbus: Writing to invalid register addresses caused read errors, because returned error code were not handled	02.10.2014 / OK (GR)	1	1	BF
		Modbus write registers: Data type was not selectable / Integer type was taken from read channels	01.10.2014 / OK (GR)	1	1	BF
		MCPS settings: Webserver was not configurable for users	26.09.2014 / OK (GR)	1	1	BF
		Event window now sorts items after opening	26.09.2014 / OK (GR)	1	1	BF
25.09.2014	7.0.2.38	MW reconnect was not working for projects with slow sample rate (> 30s)	25.09.2014 / OK (RM)	2	1	BF
24.09.2014	7.0.2.36	MCPS client with MSERV: Blocked menus for normal users (not administrators), if alarm windows opens automatically	24.09.2014 / OK (RM)	2	1	BF
16.09.2014	7.0.2.32	Fast display does not work always because of a not initialized variable.	16.09.2014 / OK (GR)	1	1	BF
08.08.2014	7.0.2.22	Opus20: Channel mismatch between scans in download could crash MCPS. (Smartgraph configuration)	03.07.2014 / OK (GR)	2	1	BF
		ZM or ZX in math formula not recognized correctly. Instead of ZX just Z was working.	02.07.2014 / OK (RM)	1	1	BF
30.06.2014	7.0.2.19	Successor project was not correctly created, if filenames contain lower case characters	27.06.2014 / OK (RM)	2	1	BF
		Ping test removed when connecting to SMTP server, since some servers do not allow ping	26.06.2014 / OK (GR)	-	1	NF
		MW100 import: DST not adjusted correctly when changing to summer or winter time in a file	25.06.2014 / OK (RM)	1	1	BF
16.06.2014	7.0.2.16	Math function SD extended with totalizer	16.06.2014 / OK (GR)	-	1	NF

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		Digital trend in split screen not shown completely with window layout	16.06.2014 / OK (GR)	1	1	BF
		Print layout: Control strings \$POS and \$POE were not implemented, but documented	26.05.2014 / OK (GR)	1	1	BF
21.05.2014	7.0.2.12	Trend window: Multiple y-axes with different channels might be shown in the same display area (since 7.0.2.1)	21.05.2014 / OK (GR)	2	1	BF
13.05.2014	7.0.2.11	Export with long math formula in header can crash MCPS	13.05.2014 / OK (GR)	2	1	BF
16.04.2014	7.0.2.8	Time based start and stop of batches enabled.	08.04.2014 / OK (GR)	-	1	NF
		Automatic trend printout with defined channels did show wrong y-axes	15.04.2014 / OK (RM)	2	1	BF
08.04.2014	7.0.2.6	MSEV projects: Invalid alarm values when displaying offline trend window	08.04.2014 / OK (RM)	2	1	BF
		Script: LogEvent expanded to add event to a batch file	03.04.2014 / OK (RM)	-	2	NF
		SmartDac: Evaluation of channel status and alarm information were missing	27.03.2014 / OK (GR)	2	1	BF
17.03.2014	7.0.2.1	Stopping a measurement could take up to 30s	17.03.2014 / OK (RM)	1	3	BF
		Import of MW100 files: Unit number is ignored to avoid high number of channels (e.g. 23001).	14.03.2014 / OK (GR)	1	1	BF
		Several alarms starting at the same time (all with the same alarm SMS) generated only one SMS.	10.03.2014 / OK (RM)	3	1	BF
		Webserver could crash in case of saving the project configuration	10.03.2014 / OK (RM)	3	2	BF
07.03.2014	7.0.1.183	Audittrail in top down mode cannot open setup files	07.03.2014 / OK (GR)	1	1	BF
05.03.2014	7.0.1.179	MCPS can hang or crash after dongle detection failed	05.03.2014 / OK (GR)	1	1	BF
		Cursors may be misplaced after trend printout. OK after redraw.	05.03.2014 / OK (RM)	1	1	BF
		Calling statistics from full screen trend via cursor operations may lead to invalid results on channels with sum functions	05.03.2014 / OK (RM)	3	1	BF
		PCSetChannelDevice did not work with math channel	13.02.2014 / OK (GR)	2	1	BF
03.03.2014	7.0.1.177	Sending SMS could block, if no LF was received.	03.03.2014 / OK (GR)	1	1	BF
13.02.2014	7.0.1.165	Adding channels to project during measurement could lead to problems in PMON with online trend view	13.02.2014 / OK (GR)	2	1	BF
		Modification of 11.12.2013 could lead to blank windows if several windows must be redrawn	28.01.2014 / OK (GR)	1	1	BF
21.01.2014	7.0.1.162	PMON: Setting more then 11 outputs in one step (button action) did not work	21.01.2014 / OK (RM)	2	1	BF
		AIIDRV: Inserting commands now asks for <position, count> instead of <count, position>. Adapted to deleting cmds	15.01.2014 / OK (GR)	-	1	NF
08.01.2014	7.0.1.159	Statistic computation over AutoFiles: Data of last scan of each AutoFile was not used.	08.01.2014 / OK (GR)	2	1	BF
		MW100: During start of measurement device backup is only stopped if necessary (important setting changes)	18.12.2013 / OK (RM)	3	1	NF
		MW100: MCPS deletes old files on CF card to ensure start of backup (MW100 firmware problem)	18.12.2013 / OK (RM)	3	2	NF
		File gap filling: Sub directories are created, if original device file was also located in a sub directory	16.12.2013 / OK (RM)	-	1	NF
		Keithley drivers: Timeout increased for function <SuspendOnline> to handle very slow measurement scans	13.12.2013 / OK (RM)	3	1	BF
11.12.2013	7.0.1.150	Online trend window: Window layout did not save adjustment of event texts	11.12.2013 / OK (GR)	1	1	BF
		In case of maximized windows (trend, numeric) a statistical computation with summations can generate invalid results	11.12.2013 / OK (GR)	3	1	BF
14.11.2013	7.0.1.147	Successor project does not delete index files (index saving mode)	15.11.2013 / OK (RM)	2	1	BF
		Loading a project with invalid index file could cause crash	14.11.2013 / OK (RM)	3	1	BF
06.11.2013	7.0.1.141	Printout of project configuration: Alarm information in cells were printed twice	06.11.2013 / OK (RM)	1	1	BF
		Math function SUM: Invalid values in numeric window rarely possible, when scrolling back to top	06.11.2013 / OK (RM)	-	1	NF
		Opus20: Manual Gapfilling with time range for all devices in project	06.11.2013 / OK (RM)	-	1	NF

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04.11.2013	7.0.1.135	Opus20 possible crash during automatic download removed, crc check added	04.11.2013 / OK (GR)	3	1	BF
17.10.2013	7.0.1.130	FTP gap filling was not working for DX files, which were not closed again --> MCPS hang and possible data loss	17.10.2013 / OK (RM)	3	1	BF
16.10.2013	7.0.1.128	SmartDac: Import of display files was not working correctly	16.10.2013 / OK (GR)	2	1	BF
		KE3700: Timeout had no effect and was always reset to 1	15.10.2013 / OK (GR)	2	1	BF
07.10.2013	7.0.1.122	Opus20: Device time is updated automatically to PC time	07.10.2013 / OK (GR)	-	1	NF
		Opus20: Sample rate was not set for download projects	07.10.2013 / OK (GR)	2	1	BF
20.09.2013	7.0.1.119	PMON: Alarm LED with ALL levels did not work in English MCPS version	20.09.2013 / OK (RM)	2	1	BF
		MW100: Automatic gap filling for math channels did not work	17.09.2013 / OK (RM)	2	1	BF
17.09.2013	7.0.1.116	AIIDRV: Configuration can be set by script command	17.09.2013 / OK (GR)	-	1	NF
05.09.2013	7.0.1.114	MX100: Setup editor did not show tags	05.09.2013 / OK (GR)	1	1	BF
		Data validation on project data did not work properly. Valid data after invalid scans now visible again	05.09.2013 / OK (GR)	2	1	BF
20.08.2013	7.0.1.105	Channel trigger: Invalid behaviour if only start or stop trigger was used	20.08.2013 / OK (GR)	2	1	BF
		Opus20: Sampling rates slower than 1 minute led to error message	20.08.2013 / OK (GR)	2	1	BF
		Batchmanager: Control buttons could be disabled in case of automatic batch stop and tree mode	19.08.2013 / OK (GR)	1	1	BF
		Batchmanager: Batches could contain invalid data scans before batch start in case of autostart or smartquit	19.08.2013 / OK (GR)	2	1	BF
		WT1800: Setup editor: DP4 changed to DPS	25.07.2013 / OK (GR)	1	1	BF
24.07.2013	7.0.1.103	SmartQuit now with batch session possible	24.07.2013 / OK (GR)	-	1	NF
		Printing with layout: Deadlock was possible, when no project was loaded	19.07.2013 / OK (GR)	3	1	BF
		Printing user administration: MCPS was not reset to default printer.	19.07.2013 / OK (GR)	1	1	BF
12.07.2013	7.0.1.92	PrintOfflineTrend2: Last channel of project might not be printed.	09.07.2013 / OK (GR)	1	1	BF
		Password renewal could be skipped by pressing Escape button	09.07.2013 / OK (GR)	1	1	BF
		Webserver: Display of channels depending on channel groups and user groups	08.07.2013 / OK (GR)	-	1	NF
03.07.2013	7.0.1.86	AIIDrv: Reading field could duplicate channel values	03.07.2013 / OK (GR)	2	1	BF
		Netview-MCPS can now be started several times on same computer / VM. Number of starts are handled by logins	03.07.2013 / OK (GR)	-	1	NF
01.07.2013	7.0.1.84	Script command: GetAlarmHistory	01.07.2013 / OK (GR)	-	1	NF
27.06.2013	7.0.1.81	PMON: Text items with channel value are not correctly converted from older projects (<7.0).	27.06.2013 / OK (GR)	1	1	BF
		PMON: Project items and scripts items did not work together after project stop and restart.	27.06.2013 / OK (GR)	2	1	BF
26.06.2013	7.0.1.80	Combining / Importing of projects or device files with alarms in different files did not work	26.06.2013 / OK (GR)	2	1	BF
24.06.2013	7.0.1.77	Project configuration: Adding/deleting channels now also adjusts math indices in alarm limits	24.06.2013 / OK (GR)	1	1	BF
19.06.2013	7.0.1.70	Combining / Importing of projects or device files with event texts in different files did not work	19.06.2013 / OK (GR)	-	1	NF
		SmartDac-Treiber mit Gapfilling, Fileimport, Setup empfangen/sendern	19.06.2013 / OK (GR)	-	1	NF
14.06.2013	7.0.1.69	Upgrading projects from version 6.3 set the channel save type to <dead band> mode instead to <factor>	14.06.2013 / OK (GR)	2	1	BF
		In case of dead band mode and invalid channel data nothing was saved --> No gap filling. Now invalid data is saved.	14.06.2013 / OK (GR)	2	1	BF
13.06.2013	7.0.1.65	Check box for <opening alarm window automatically> could not be set on clients	13.06.2013 / OK (GR)	1	1	BF
		A user could not close a client	13.06.2013 / OK (GR)	1	1	BF
10.06.2013	7.0.1.62	Start/stop trigger was not working properly for standard projects.	10.06.2013 / OK (GR)	1	1	BF

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