

General conditions and function limitations, notes for configuration and operation

These notes take precedence over statements contained in other documents.

Because these notes contain important information for the installation and use of the software, please read them carefully.

SINAMICS S120 / S150 software V4.6 incl. SSP for STARTER

ARTSPPlusRQ	Brief description	Circumstances	Possible work-around	Affected DO	Since version	Problem Reports	Service Requests
SINAMICS_SW							
AP01434536	Parameter r0039 "Energy display" is incorrect in the ALM/SLM, does not work, and constantly displays the value 0.	Parameter r0039 "Energy display" is incorrect in the ALM/SLM, does not work, and constantly displays the value 0.	None.		4.6		
AP01466078	Due to reasons relating to hardware, temperatures greater than 188°C for KTY and 250°C for PTC cannot be evaluated for the VSM10. As a result, no alarm is issued if the fault threshold in p3668 "VSM line filter overtemperature shutdown threshold" or the alarm threshold in p3667 "VSM line filter overtemperature alarm threshold" is set above the values listed.	Due to reasons relating to hardware, temperatures greater than 188°C for KTY and 250°C for PTC cannot be evaluated for the VSM10. As a result, no alarm is issued if the fault threshold in p3668 "VSM line filter overtemperature shutdown threshold" or the alarm threshold in p3667 "VSM line filter overtemperature alarm threshold" is set above the values listed.	None		4.6		
SINAMICS_SW - General							
AP01407836	Due to the external ventilation of the brake for servicing purposes (24V at X4) during operation, fault F07930 "Drive: Brake control error", which cannot be acknowledged, is issued. The drive can no longer be moved. You need to switch the power on.	Due to the external ventilation of the brake for servicing purposes (24V at X4) during operation, fault F07930 "Drive: Brake control error", which cannot be acknowledged, is issued. The drive can no longer be moved. You need to switch the power on.	None.	S120M	4.6		
AP01414575	The times displayed on the "Messages and Logs/Diagbuffer" and "Messages and Logs/Alarms drive" pages in the Web server differ if time synchronization has not been carried out. The times in the diagnostic buffer are calculated as January 1, 1992 + r2114 "System runtime total" and in the alarm buffer as January 1, 1970 + r2114 "System runtime total".	The times displayed on the "Messages and Logs/Diagbuffer" and "Messages and Logs/Alarms drive" pages in the Web server differ if time synchronization has not been carried out. The times in the diagnostic buffer are calculated as January 1, 1992 + r2114 "System runtime total" and in the alarm buffer as January 1, 1970 + r2114 "System runtime total".	Time synchronization must be carried out (p3100 "RTC time stamp mode", etc.) if a higher-level control is used. If a higher-level control is not used, 22 years must be subtracted from the times given in the diagnostic buffer.		4.6		
AP01452335	In the location simulated by TM41, outliers can occur at low speeds of approx. 0.25 encoder pulses per DRIVE-CLiQ clock cycle.	In the location simulated by TM41, outliers can occur at low speeds of approx. 0.25 encoder pulses per DRIVE-CLiQ clock cycle.	None	TM41	4.6		
AP01456446	If the "Command source = terminal strip TM31 (p700=70006)" macro is selected for S150, TM31 p2103 (acknowledge fault 1) is not described with "0". The original interconnection is retained.	If the "Command source = terminal strip TM31 (p700=70006)" macro is selected for S150, TM31 p2103 (acknowledge fault 1) is not described with "0". The original interconnection is retained.	Manually change parameter to 0.	TM31	4.6		

ARTSPPlusRQ	Brief description	Circumstances	Possible work-around	Affected DO	Since version	Problem Reports	Service Requests
SINAMICS_SW - General							
AP01461145	Depending on the cache behavior that has been set, the clock times on the main screen of the Web server are sometimes not updated in Internet Explorer.	Depending on the cache behavior that has been set, the clock times on the main screen of the Web server are sometimes not updated in Internet Explorer.	Change cache behavior in Internet Explorer: Select the "Tools/Internet Options" menu command, click on "Settings" under the "Browsing history" heading, and then select "Every time I visit the webpage" for "Check for newer versions of stored pages:".		4.6		
AP01461874	Restoring factory settings using Ram2Rom does not work in the STARTER for SINAMICS G130/G150.	By selecting "Restore factory settings" in the STARTER and also clicking on Ram2Rom, the factory settings are restored but the Ram2Rom copying process causes a message to be displayed in red in the "Target system output" window.	Carry out "Restore factory settings" without Ram2Rom. Carry out Ram2Rom once the drive has been run up.		4.6		
AP01467719	Setting p0491 "Motor encoder fault response ENCODER" = 5 "Enc fault results in encoderless op, operation continues, alarm" is only active until the device is next switched off. Once the device has been switched on again, encoder faults are then issued as faults again and not as alarms.	Setting p0491 "Motor encoder fault response ENCODER" = 5 "Enc fault results in encoderless op, operation continues, alarm" is only active until the device is next switched off. Once the device has been switched on again, encoder faults are then issued as faults again and not as alarms.	Do not use p0491 "Motor encoder fault response ENCODER" = 5.		4.6	AP01462808	1-2989612406
AP01468308	Depending on the cache behavior that has been set, it may not be possible to download projects via the Web server using Internet Explorer.	Depending on the cache behavior that has been set, it may not be possible to download projects via the Web server using Internet Explorer.	Change cache behavior in Internet Explorer: Select the "Tools/Internet Options" menu command, click on "Settings" under the "Browsing history" heading, and then select "Every time I visit the webpage" for "Check for newer versions of stored pages:".		4.6		
AP01471685	Using flashing LEDs to detect the main components of a drive object (p0124 "Main component detection using LED") during automatic commissioning does not work.	Using flashing LEDs to detect the main components of a drive object (p0124 "Main component detection using LED") during automatic commissioning does not work.	Carry out detection of the main components using p0124 "Main component detection using LED" after automatic commissioning.		4.6		
SINAMICS_SW - Data set changeover							
AP01408709	If the automatic parameter assignment p0340 = 1 for vector is not executed with the first drive data set DDS0 and the calculation for reference parameters p0573 "Inhibit automatic reference value calculation" has previously been released, p2003 "Reference torque" and p2004 "Reference power" are not calculated.	If the automatic parameter assignment p0340 = 1 for vector is not executed with the first drive data set DDS0 and the calculation for reference parameters p0573 "Inhibit automatic reference value calculation" has previously been released, p2003 "Reference torque" and p2004 "Reference power" are not calculated.	Assign parameters p2003 and p2004 manually.	Vector	4.6		
AP01469104	When switching between induction and synchronous motors, F30015 "Power unit: Phase failure motor cable" can occur by mistake.	When switching between induction and synchronous motors, F30015 "Power unit: Phase failure motor cable" can occur particularly if the induction motor had a very high slip frequency prior to the switchover.	Before switching to the synchronous motor, briefly enable the induction motor without torque.		4.6		
SINAMICS_SW - Upload/Download							
AP01461239	A device upload using STARTER V4.3.2 and Windows 7 SP1 64 bit can fail occasionally if the STARTER is connected to a large number of devices online at the same time and the upload is to be carried out for all of the devices one after the other.	A device upload using STARTER V4.3.2 and Windows 7 SP1 64 bit can fail occasionally if the STARTER is connected to a large number of devices online at the same time and the upload is to be carried out for all of the devices one after the other. When this happens, the device affected goes offline.	Carry out upload for each individual device.		4.6		

ARTSPUsRQ	Brief description	Circumstances	Possible work-around	Affected DO	Since version	Problem Reports	Service Requests
SINAMICS_SW - DRIVE-CLiQ							
AP01256124	For an illegal DRIVE-CLiQ ring wiring, the message F01375 "Topology: Actual topology, duplicate connection between two components" is issued, which is correct. However, the message is not only issued for the drive object involved, but for all drive objects, which is incorrect.	For an illegal DRIVE-CLiQ ring wiring, the message F01375 "Topology: Actual topology, duplicate connection between two components" is issued, which is correct. However, the message is not only issued for the drive object involved, but for all drive objects, which is incorrect. If the ring wiring is disconnected, the faults cannot be acknowledged.	Remove the DRIVE-CLiQ ring wiring, and then switch off/switch on.		4.5		
AP01338597	The function for recognizing that two or more Control Units are connected to one DRIVE-CLiQ line is not reliable.	The function for recognizing that two or more Control Units are connected to one DRIVE-CLiQ line is not reliable. Depending on topology and the time of the connection, scheduled fault F01357 "Topology: Two Control Units identified on the DRIVE-CLiQ line" may not be issued. Instead, the Control Unit that was inserted later is ignored, or one of the Control Units will not be able to be operated once the system has been switched on.	None.	S120M	4.6		
AP01405325	When infeeds (BLM and ALM) are connected in parallel, the image error stating that the infeeds can no longer be switched on is issued once a DRIVE-CLiQ line has been removed/connected.	When infeeds (BLM and ALM) are connected in parallel, the image error stating that the infeeds can no longer be switched on is issued once a DRIVE-CLiQ line has been removed/connected.	Carry out a Power OFF/Power ON.		4.6		
AP01450042	Servo drive with DRIVE-CLiQ encoder and reload of the motor data (p0300 "Motor type selection" = 10100 "Motor with DRIVE-CLiQ (only read in motor data)"): If the DRIVE-CLiQ encoder is not connected during the parameter download and is only inserted afterwards, the drive remains in commissioning (p0010 "Drive commissioning parameter filter" = 1 "Quick commissioning").	Servo drive with DRIVE-CLiQ encoder and reload of the motor data (p0300 "Motor type selection" = 10100 "Motor with DRIVE-CLiQ (only read in motor data)"): If the DRIVE-CLiQ encoder is not connected during the parameter download and is only inserted afterwards, the drive remains in commissioning (p0010 "Drive commissioning parameter filter" = 1 "Quick commissioning").	The DRIVE-CLiQ encoder must be inserted during download, or p0010 "Drive commissioning parameter filter" can be set to 0 manually at a later date.	Servo	4.6		
SINAMICS_SW - EPOS							
AP01469101	If the encoder is adjusted in a DDS other than 0 (p2507 "LR absolute encoder adjustment status" = 3 "Absolute encoder adjusted"), the adjustment is reset even without switching the DDS following a power OFF/ON. This only occurs if the adjustment would normally be reset when switching to DDS0.	If the encoder is adjusted in a DDS other than 0 (p2507 "LR absolute encoder adjustment status" = 3 "Absolute encoder adjusted"), the adjustment is reset even without switching the DDS following a power OFF/ON. This only occurs if the adjustment would normally be reset when switching to DDS0.	Carry out adjustment again following switch on.		4.6	AP01469273	1-2995829462
AP01473920	If a traversing program is interrupted following a path of more than 2^31 LUs due to an external block change or start of a new traversing block, F01001 "FloatingPoint exception" occurs.	If a traversing program is interrupted following a path of more than 2^31 LUs due to an external block change or start of a new traversing block, F01001 "FloatingPoint exception" occurs.	None.	Servo/Vector	4.6	AP01472061	1-2981876423
SINAMICS_SW - Device wizard							
AP01234565	Changing the pre-assignment macros (p700 "macro binector inputs (BI) for TMs"), can create settings, which are different than those described in the documentation.	If the pre-assignment macros (p700 "macro binector inputs (BI) for TMs") are changed from one setting changed to another, then partially not all of the parameter settings are not overwritten. The reason for this is that some macros write to more parameters than others.	Compare the settings of the pre-assignment macros in the documentation and if required adapt in the expert list.		4.5		

ARTSPPlusRQ	Brief description	Circumstances	Possible work-around	Affected DO	Since version	Problem Reports	Service Requests
SINAMICS_SW - Upgrade							
AP01458813	If the firmware of a hotfix is updated using the drive calculation available on the card, an inconsistency is displayed when going online with the STARTER or SCOUT commissioning tool.	If the firmware of a hotfix is updated using the drive calculation available on the card, an inconsistency is displayed when going online with the STARTER or SCOUT commissioning tool.	An upload must be carried out using the STARTER or SCOUT commissioning tool once the firmware has been updated.		4.6		
AP01471776	If a project is not yet available on a CU3x0-2 and a project update or a firmware and project update is being carried out using the Web server, the upgrade is only complete when another POWER ON has been performed for the Control Unit.	If a project is not yet available on a CU3x0-2 and a project update or a firmware and project update is being carried out using the Web server, the upgrade is only complete when another POWER ON has been performed for the Control Unit. Alarm A01073 "POWER ON required for backup copy on memory card" informs the user that a reset is necessary.	Carry out a POWER ON		4.6		
SINAMICS_SW - Know-how protection							
AP01445964	When the target device is connected to STARTER, an inconsistency in the DCC data is displayed if the projection data was downloaded to the drive via the file system and with know-how protection active, and know-how protection was then permanently deactivated.	When the target device is connected to STARTER, an inconsistency in the DCC data is displayed if the projection data was downloaded to the drive via the file system and with know-how protection active, and know-how protection was then permanently deactivated.	Deactivate know-how protection online and carry out an upload.		4.6		
AP01460984	Motor data is not calculated if no list motor has been set and the projection data is downloaded to the drive via the file system and with know-how protection active.	Motor data is not calculated via p0340 "Automatic calculation, motor/control parameters" or p1910 "Motor data identification routine, stationary (standstill)" if no list motor has been set and the projection data is downloaded to the drive via the file system and with know-how protection active. In this application, the motor data input must include the rating plate data, the optional motor data, and the equivalent circuit diagram data. If the motor data is not complete, faults F07080 "Drive: Incorrect control parameter" and F01043 "Fatal error at project download" are issued.	If motor data is to be calculated, the projection data can be downloaded to the target system and know-how protection then activated online.		4.6		
SINAMICS_SW - General communication							
AP01431623	After reconfiguring the PROFIBUS/PROFINET controller from isochronous to non-isochronous mode, alarm A1943 "PB/PN clock cycle signal error when establishing bus communication" appears.	After reconfiguring the PROFIBUS/PROFINET controller from isochronous to non-isochronous mode, alarm A1943 "PB/PN clock cycle signal error when establishing bus communication" appears. The drive incorrectly assumes that it is in isochronous mode. This means that, for example, an encoder cannot be unparked.	Perform a power on, warm restart, or project download		4.6		
AP01476582	Fault F30008 "Power unit: Sign-of-life error cyclic data" can occur sporadically for CU310-2 when Safety is active.	Fault F30008 "Power unit: Sign-of-life error cyclic data" can occur sporadically for CU310-2 when Safety is active.	Increase p7789 "Power unit sign-of-life monitoring fault threshold".		4.6		
SINAMICS_SW - CAN communication							
AP01465970	A change to p8798 "CAN speed conversion factor" does not become effective immediately.	A change to p8798 "CAN speed conversion factor" does not become effective immediately.	Execute power OFF/power ON.		4.6		
SINAMICS_SW - PROFIBUS communication							
AP01291590	The slot no. under HW Config online module state on the "DP Slave diagnosis" tab is displayed incorrectly.	Only occurs on Profibus modules with diagnostic interrupts activated. In the event of a fault on the module, each of the slot numbers affected is incremented by one in the HW Config online module state on the "DP Slave diagnosis" tab.	Observe when diagnosing faults.		4.6		

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SINAMICS_SW - PROFIBUS communication							
AP01323528	Depending on the configuration, SIMOTION technology fault 20005 with type 2, reason 0x200 may occur for the _aktivatedpSlave SIMOTION programming command.	Depending on the configuration, SIMOTION technology fault 20005 with type 2, reason 0x200 may occur for the _aktivatedpSlave SIMOTION programming command.	Acknowledge the fault.		4.6		
AP01481946	Pending SINAMICS faults are not reliably signaled to the higher-level controller as diagnostics alarms after connection buildup.	When PROFIBUS is operating, raised and cleared faults are signaled as diagnostics alarms. If faults exist and the bus powers up again (e.g. disconnection/connection of the bus cable), these faults are not always signaled to the higher-level controller. Only after a change in the fault buffer (fault raised or cleared) are all diagnostics alarms correctly transmitted.	None		4.6		
SINAMICS_SW - PROFIdrive communication							
AP01459440	All previous PROFIdrive interconnections are removed if a telegram extension using p2070 "IF1 PROFIdrive SIC/SCC start receive" or p2071 "IF1 PROFIdrive SIC/SCC start send" has been carried out, or if a SIC/SCC telegram has been set using p60122 "IF1 PROFIdrive SIC/SCC telegram selection", following calculation of the PROFIdrive communication via p0922 "IF1 PROFIdrive PZD telegram selection" = 999 "Free telegram configuration with BICO".	All previous PROFIdrive interconnections are removed if a telegram extension using p2070 "IF1 PROFIdrive SIC/SCC start receive" or p2071 "IF1 PROFIdrive SIC/SCC start send" has been carried out, or if a SIC/SCC telegram has been set using p60122 "IF1 PROFIdrive SIC/SCC telegram selection", following calculation of the PROFIdrive communication via p0922 "IF1 PROFIdrive PZD telegram selection" = 999 "Free telegram configuration with BICO".	The deleted connections must be restored manually.		4.6		
SINAMICS_SW - PROFINET communication							
AP01444492	Using an incorrect modifier in a PROFInergy request results in an "invalid data structure identifier RQ" error code instead of an "invalid modifier" error code in the fault response.	Using an incorrect modifier in a PROFInergy request results in an "invalid data structure identifier RQ" error code instead of an "invalid modifier" error code in the fault response.	None.	Servo/Vector	4.6		
AP01467068	Alarm A1932 "PB/PN clock cycle synchronization missing for DSC" is incorrectly issued for PROFINET Shared Device if the safety controller is set to STOP.	If the safety controller is set to STOP or the connection is interrupted when using PROFINET Shared Device with CU3x0-2 PN onboard, the evaluation/transfer of the signs of life to the automation controller is also stopped by mistake and alarm A1932 "PB/PN clock cycle synchronization missing for DSC" appears.	Trigger a STOP/RUN transfer on the automation controller.		4.6		
SINAMICS_SW - Closed-loop control							
AP01366587	Vibration can occur in the SESM if an SSI encoder is installed without incremental tracks and an additional incremental encoder.	Vibration can occur in the SESM if an SSI encoder is installed without incremental tracks and an additional incremental encoder.	Install an SSI encoder with incremental tracks.		4.6		
AP01471222	Vector control: If all configuration bits for the rotating measurement are set to 0 and all measurement sections are deactivated, the system may crash when starting the measurement.	Vector control: If all configuration bits for the rotating measurement are set to 0 and all measurement sections are deactivated, the system may crash when starting the measurement.	At least one measurement section of the rotating measurement must remain activated (p1959 "Rotating measurement configuration" > 0) to be able to carry out the measurement.		4.6		
SINAMICS_SW - Safety Integrated							
AP01435021	Extended safety functions with the required absolute functionality (SLP, SP with absolute reference) may not be used with SMI/SME modules with the MLFB ending 5MA0.	If SMI/SME modules with the MLFB ending 5MA0 are used for the SLP or SP with absolute reference extended safety functions, fault C01711 "SI Motion CU: Defect in a monitoring channel" and/or C30711 "SI Motion MM: Defect in a monitoring channel" with identification 44 or 1003 can occur when the modules are next run up if they have not been switched off correctly.	Use SMI/SME modules starting with MLFB ending 5MA3.		4.6		

ARTSPPlusRQ	Brief description	Circumstances	Possible work-around	Affected DO	Since version	Problem Reports	Service Requests
SINAMICS_SW - Safety Integrated							
AP01468818	When unparking an HTL/TTL encoder in cyclic operation, alarm C01711/C030711 "SI Motion: Defect in a monitoring channel" with additional value 1024 "Sign-of-life error for HTL/TTL encoder" occurs for Safety Extended Functions that have been assigned parameters.	When unparking an HTL/TTL encoder in cyclic operation, alarm C01711/C030711 "SI Motion: Defect in a monitoring channel" with additional value 1024 "Sign-of-life error for HTL/TTL encoder" occurs for Safety Extended Functions that have been assigned parameters.	A power off/on must be carried out once an HTL/TTL encoder has been unparked.	Servo/Vector	4.6		
AP01472353	The safe brake test is not permitted in combination with U/f. When the safe brake test is activated incorrectly for vector U/f axes, fault F01000 "Internal software error" is triggered following run-up.	The safe brake test is not permitted in combination with U/f. When the safe brake test is activated incorrectly for vector U/f axes, fault F01000 "Internal software error" is triggered following run-up.	Do not activate the safe brake test in this impermissible combination.	Vector	4.6		
AP01475335	Following a warm restart or a drive unit reset (p972), safety message 1711 "SI Motion CU: Defect in a monitoring channel" with message value 256 can occur. The message can be acknowledged using the safe acknowledgement.	Following a warm restart or a drive unit reset, safety message 1711 "SI Motion CU: Defect in a monitoring channel" with message value 256 can occur by mistake under the following conditions: - Control of the motion monitoring functions via PROFIsafe with non-isochronous DP communication - SOS was de-selected prior to the warm restart - p9551 "SI Motion SLS (SG) changeover delay time (Control Unit)" has been assigned parameters longer than p9500 "SI Motion monitoring clock cycle (Control Unit)" * 250 - Following the warm restart, SOS has been selected for longer than p9500 "SI Motion monitoring clock cycle (Control Unit)" * 250	- The time in p9551 "SI Motion SLS (SG) changeover delay time (Control Unit)" can be assigned parameters shorter than p9500 "SI Motion monitoring clock cycle (Control Unit)" * 250 - Select SOS prior to the warm restart - Following the warm restart, de-select SOS within the time for p9500 "SI Motion monitoring clock cycle (Control Unit)" * 250 - Activate isochronous mode in the DP communication		4.6		
AP01476386	If digital outputs DO16+ and DO16- act as F-DO, parameter r0747 "CU, digital outputs status", bit 16 "DO 16 (- / X130.7, 8)" does not display the level defined by Safety Integrated. Instead, it displays the ineffective setpoint state according to BICO signal source p0746 "BI: CU signal source for terminal DO 16".	If digital outputs DO16+ and DO16- act as F-DO, parameter r0747 "CU, digital outputs status", bit 16 "DO 16 (- / X130.7, 8)" does not display the level defined by Safety Integrated. Instead, it displays the ineffective setpoint state according to BICO signal source p0746 "BI: CU signal source for terminal DO 16".	None.		4.6		
SINAMICS_SW - TM-Modules							
AP01283921	TM41: possible irregularities in the following error	For frequencies around 500Hz, irregularities can occur in the following error as a result of internal model changeover operations.	Set p4401 "TM41 encoder emulation mode" Bit 4 "Activate higher actual value resolution" to 0.		4.5		
DCBLib_SINAMICS_RT - General							
AP00454790	r21002 & r21003 are not updated offline.	r21002 & r21003 are not updated offline (expert list).	The parameters r21002 & r21003 can be determined in the "Set Execution Group" dialog box. The value of r21002 corresponds to p115[0], r21003 corresponds to r7901[15]		4.3 SP2		
DCBLib_SINAMICS_RT - DCC							
AP01270927	If the block RGJ is operated with RQN=1 (smoothing on) and CF=1 (output follows input) for jumps in the input variable X, sporadically it can occur that output Y oscillates above the limits LL and LU until the input variable is changed again.	If the block RGJ is operated with RQN=1 (smoothing on) and CF=1 (output follows input) for jumps in the input variable X, sporadically it can occur that output Y oscillates above the limits LL and LU until the input variable is changed again. Therefore, only output signal YL should be used to interconnect the signal, and limits LL and LU must be set to the mechanical values permissible for the particular drive train. The speed limits in the drive must also be parameterized so that the limits of the mechanical system can never be exceeded.	In order to prevent that the output value of the RGJ does not ramp-up without any limits, ONLY the limited output YL may be used to interconnect the setpoint. The limits LL and LU must be set to the mechanically permissible values for the drive train. The speed limits in the drive must also be parameterized so that the limits of the mechanical system can never be exceeded.		4.5		
AP01420467	"Read in after DI" and "Output before DO" are not offered in the STARTER when selecting the runtime group for S120M. The setting is rejected in the event that these runtime groups are set using AOP or BOP.	"Read in after DI" and "Output before DO" are not offered in the STARTER when selecting the runtime group for S120M. The setting is rejected in the event that these runtime groups are set using AOP or BOP.	None		4.6		

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LH1 Listenh S120/S150 - General							
AP01466796	Fault value 38 for fault code F01682 "SI Motion CU: Monitoring function not supported" is not documented for G130 and G150.	Fault value 38 for fault code F01682 "SI Motion CU: Monitoring function not supported" is not documented for G130 and G150.	Fault value 38 means: "Enabling the safety functions (p9601) and emergency mode (Essential Service Mode, p3880) at the same time is not permitted."		4.6		
LH1 Listenh S120/S150 - Safety Integrated							
AP01450835	If a safety actual value acquisition clock cycle other than 2 ms is set for S120M, fault F01652 "SI CU: Illegal monitoring clock cycle" with fault value 100 is issued. This fault value is not documented.	If a safety actual value acquisition clock cycle other than 2 ms is set for S120M, fault F01652 "SI CU: Illegal monitoring clock cycle" with fault value 100 is issued. This fault value is not documented.	The following applies for fault value 100: Cause: An illegal actual value acquisition clock cycle (p9511) was set for S120M. Remedy: S120M: Set actual value acquisition clock cycle (p9511) to 0.		4.6		
AP01451055	The description for fault value 29 in fault F01682 "SI Motion CU: Monitoring function not supported" is incorrect.	The description for fault value 29 in fault F01682 "SI Motion CU: Monitoring function not supported" is incorrect.	Correct description for fault value 29: SINAMICS S120M: Encoderless Safety Extended Functions not supported.		4.6		