WEB-PLC V10.11.11 - Known Bugs

BECK:■

Komponente: Brandlabel (3 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
#2162	CODESYS network variables: Parsing lists from CODESYS 3.x is not working	The CODESYS network variable list parser cannot parse lists from the 3.x version. But since version 2.7 has the same structure it inteprets them as such. This works without issues except if comments are used " ", "*/" "/*" or the dataTypes are declared in lowercase "string etc". The list settings are ingored.	Remove c style comments from the "VAR_GLOBAL" "END_VAR" block. Declare all datatypes in upper case.
#2209	Modbus Slave: Wrong data type when editing first value after loading website	When editing the first Modbus slave value after loading the settings website, the data type shown in the value dialog may be wrong.	Cancel the value dialog and open it another time
#2219	Wrong progress indication while extracting update package	While an update package is being extracted, the progress indication shows a wrong percentage value.	

Komponente: Editor (7 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
#1096	Diagrams with many Elements may trigger (500 or 503 http errors)	When a Diagram becomes bigger than the devices webserver size limitation, saving it fails with a 500 or 503 http error.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#1662	Numerical units should not support boolean data type	The following units should not support boolean data type: • Addition • Compare • Division • Maximum • Minimum • Multiplication • Subtraction	
#2022	Editor: Erroneous information in tooltips for I/O elements	In the editor tooltips appear when hovering over an I/O element providing additional information on the I/O. There are several errors in these tooltips: • The data type is only shown for I/O arrays not for plain I/Os. • The data type is labelled 'Value index' instead of 'Data type. • The data type for string values is shown as 'Invalid Data Type'.	
#2118	Autocomplete selects the first possible option without showing it on the select box.	We assume that we have IOs and Variables, that share partly the same name. i.e. "Variables.var1" and "Variables.var2" After typing the first letter of an existing IO's name on the select box, the auto completion enters the common part of the name. In this case "Variables.var" Then, if the user does not select from the drop down list and clicks anywhere else, the system will assume that the first option on the list is selected BUT WILL NOT COMPLETE THE NAME. In this case, "Variables.var" won't change to "Variables.var1" (we assume that this is first on the list). This selection will pass on the IO mapping list if we hit ok	
#2129	Unpack unit shows wrong output value when PLC not running	Unpack unit shows wrong output value when PLC not running.	
#2159	CODESYS status LED indicates the Config Application State.	The CODESYS run state LED indicates the state of the Config Application. The Help website should document this.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#2244	Compare Unit returns equal when difference is greater than maximum of signed integer datat type	If the compare unit is used on a signed integer data type and the difference between the two values is greater than the maximum value representable in this data type, the compare unit will falsely set the euqal output port.	

Komponente: General   (28 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
#1745	Portal communication fails if nearly the maximum of I/Os and variables have been defined (step 1)	If a lot of I/Os and variables are defined (near to the maximum), data cannot be exchanged with the portal. Synchronisation of the node structure works, but when the device is started the next time, the CPU is 100 % busy and the device reboots after some time.	
#1746	WEB-PLC unwanted scrolling	If there´s a long list of configuration parameters in the WEB-PLC configuration website (e.g. Modbus configuration), the website will scroll automatically on the selected element while clicking on it. Because of this it´s not possible to edit a parameter by duble click. The problem occurs in Chrome since WEB-PLC V10.0.X	
#1927	Confusing error message when time zone is not using daylight saving times	Some time zones-Countries do not use daylight saving time rules. The error message "Could not read daylight saving time file." is shown in this cases which is misleading.	
#1951	WLAN: Empty SSID, IP address and netmask allowed	The configuration for for WLAN allows the fields SSID, IP address and netmask to be empty.	
#1954	CTI x.MIO12.x.W and CTI x.MIO16.x.W Input and Ouputs not synchronized with the PLC	The CTI x.MIO12.x.W (EXT10 module), the CTI x.MIO16.x.W (EXT08 module) drivers are not fully in sync with the PLC cycle. So a delay of (0-0.5 sec) might occure until values from/to the module are updated.

For sc1x3 based comtom the name schema is com.tom x 10.1 and com.tom x 11.1 | |

Ticket	Zusammenfassung	Beschreibung	Workaround
#1969	WLAN: No IP configuration is performed if an access point is not visible on startup	If the configured WLAN access point is not visible or enabled when the WLAN driver starts but becomes visible sometime later during runtime, it is possible that a WLAN connection is established but no IP configuration is performed.	
#1981	Wrong error message when timeout during TCP connect to portal	When a timeout occurs during the TCP connect to the portal, the WEB-PLC will misleadingly log the error message "Portal module: Could not connect: Could not send HTTP request".	
#1983	Modbus RTU Master interval violation at start-up when WLAN is active on SC1x5	On SC1x5 processor based targets the Modbus RTU Master driver may violate its interval ("Modbus driver: The interval has been violated") at start-up if WLAN is active.	
#1997	Portal: Timestamp of data points triggered through trigger domain not updated	If a data point is triggered for transmission to the portal through a trigger domain, the timestamp is not updated.	
#1999	Modbus TCP Client: Wrong error codes in event log message on connection failure	The error codes shown in the event log message the Modbus TCP Client amits when connecting to a server failed don't match the codes shown in the corresponding help topic.	
#2001	WLAN: Event log messages should look more human readable	The event log messages emitted by the WLAN driver should look more human readable.	
#2035	Update: Packages with empty files cannot be applied	If a update package contains an empty file, it cannot be applied. This may happen for example if you export the OpenVPN configuration with an empty configuration file.	
#2052	WLAN: Connection loss if access point is shortly not visible	If the access point is not visible after a successful connection, the WLAN driver is not able to re-establish the connection	

Ticket	Zusammenfassung	Beschreibung	Workaround
#2062	IEC 61850 Server GOOSE subscription not working for complex data structures.	Using IEC 61850 Server GOOSE subscription with complex data structures crashes the WEB-PLC.	
#2078	Diagrams with pack/upack units cannot be loaded after update to Version 11.0.7	If a diagram contains pack/upack units and the device is updated to the Version 11.0.7 it will not load anymore.	
#2084	IP configuration password not changed by configuration update package	When a configuration package is applied that contains login information, the password for the IP configuration through the com.tom IP tool (or the @CHIPTOOL) is not changed.	
#2130	IEC 61850: SCL upload fails if the filename is the same as the previous SCL file	SCL upload fails if the filename is the same as the previous SCL file.	
#2133	IEC 61850: Timestamp is not transmitted if the value is 0	IEC 61850 transmits the timestamp value only if the value has also changed, because the initial value is 0 no timestamp is transmited until the value changes.	
#2157	M-Bus: Correct German translation	The up/down translation in German is wrong.	
#2164	IO mapping list variable missmatch does not trigger the convert diagram dialog	If the diagram is empty and the variable configuration changes the convert diagram dialog is not shown when loading the website.	
#2167	CODESYS Network Variables: Group variables by list cannot be set.	The CODESYS network variables option group by list cannot be set.	As a workaroud, use the following update packages, to set or unset the option note the website checkbox will not reflect this.
#2172	Event log messages during connection est. don't pass to portal	The event log messages which occur during connection establishment don't pass to portal's event-log's downloadable xlsx file.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#2175	IEC 60870-5-104 Server: Pulse Commands Lead to a System crash	Short or Long pulse commands lead to a System crash.	
#2213	Opening help topic in new window does not work in Chrome	When opening a new window for the help system in Google Chrome the requested topic is not shown. If the window is already open, the requested topic is shown.	
#2221	Messages: Variable references might be assigned to the wrong variable	This can happen if the name of one variable is the first part of another's name and it is positioned after the mentioned variable. For example: idx: 0 name: uint8Max idx: 1 name: uint8 If a reference is created to the variable "uint8", it will be assigned to "uint8Max".	
#2228	I/O mapping list: I/O manager emulator does not correctly assign the output value indexes	If a diagram is loaded to a device that has not exactly the same interfaces with it the IO emulator will try to fix the interfaces indexes in order to run the diagram. If this is successful the I/O mapping list uses only the new input interfaces indexes and reassign them to both input and output values. This most of the times is not an issue but if the devices has an uneven number of interfaces (namely M-BUS) it can lead to a corrupted program.	
#2241	IEC 61850 server/client: Crash when visible strings are used.	If the IEC 61850 datatype "VisString255" is used, the firmware will crash with the following error message "IEC 61850 driver: Invalid data type"	
#2243	Portal communication fails if nearly the maximum of I/Os and variables have been defined (step 2)	If a lot of I/Os and variables are defined (near to the maximum), data cannot be exchanged with the portal. Synchronisation of the node structure works, but when the device is started the next time, the CPU is 100 % busy and the device reboots after some time. Ticket #1745 improved the performance, but did not completely solve the problem.	

Komponente: Run Time System   (8 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround

Ticket	Zusammenfassung	Beschreibung	Workaround
#1876	Timetags are not being updated in IEC 60870-5-104 Server values	Timetags are not being updated in IEC 60870-5-104 Server values	
#1963	String-Arrays not correctly transmitted to portal	When an I/O driver (e.g. PROFINET IO DEVICE) defines an array of strings, the string values are not correctly transmitted to the portal. Let's assume the first string is "Hello", then the secod one will be "ello", the third one will be "llo" etc.	
#1993	IEC 61850 client: No more than 16 connections allowed	The IEC 61850 client driver cannot connect to more than 16 servers at once. On purpose it should be possible to connect to up to 32 servers on SC1x3 processor based com.toms and to up to 128 servers on SC1x5 processor based com.toms (See #1520). However 128 servers are not even possible due to resource limitations.	
#2028	SNMP Manager: IP address variables not parsed from traps	When a trap message contains an IP address variable, the value of the variable is not applied and also further variables are not processed.	
#2036	Messages: Cannot send directly after start-up	Directly after the device has started up, the first short message cannot be sent. The error message "Message manager: Sending message <message index> failed (-1)." appears in the event log.	
#2057	Modbus RTU Slave: Serial port not freed when serial port is changed	When a com.tom has more than one serial port and you change the port for the Modbus RTU Slave driver, the previously used port will not be freed so that it can be used by other components.	
#2136	CODESYS Network Variables string values error	Reading and writing values using strings at CODESYS Network Variables does not work properly and affects the data exchange.	
#2235	IEC 61850 server: Crash on setting group without DOs in IED section	The IEC 61850 server may crash the whole firmware if there is a setting group where there are no instances of the DOs in the IED section of the ICD file.	

Komponente: Website   (27 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
#510	Gateway only valid for Ethernet (0) interface	The gateway IP address that can be configured through the network settings form is only valid for the Ethernet (0) interface.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#826	IEC 61850 configuration form may store inconsistent configuration	The configuration form of the IEC 61850 interface may store an inconsistent configuration. If the upload of the SCL file fails, the interface will not show an error message and still store other parts of the configuration. The inconsistent configuration will prevent the IEC 61850 driver to start.	
#1558	Switching language in one window disables language switching in other windows	When the language of the website is switched in one window, it cannot be switched to the same language in other windows. The problem appears when a second window is opened for the help system.	
#1564	Update without SD card and then without reboot with SD card does not work	If an update using the website's update tab is executed without an SD card and then executed with an SD card (with needed folders) and without a reboot is not possible. The error messages on the tab are: "The file has been rejected"	
#1619	Upload hangs in IE when external medium is not accessible	In Microsoft Internet Explorer uploads will hang instead of timing out when the external medium is not accessible.	Reload the website
#1809	IEC 60870-5-104 Client: Device dialog does not mark IPs and ports grid in case of an error	In the IEC 60870-5-104 Client's device dialog, if there is any error inside the list of IP addresses and ports (e.g. IP address/port combination is used twice), the label for this field is not marked as the labels of other fields are in case of an error.	
#1873	Error on home page if any string contains control characters	If a string value on any I/O interface contains a control character (e.g. line break), the home page will stop to update the I/O values and show HTTP error 500.	
#1919	WLAN: Band selection does not work	When scanning for wireless networks, 2.4 GHz and 5 GHz networks are shown separately. It looks like you can chose one of them. This is not the case. If there are two networks with the same SSID on different bands, the strongest will be used. It should be possible to select the band before scanning. If one band is chosen only networks from this band should be shown and used. If no specific band is chosen, only one entry should be displayed in the scan results.	
#1934	Login: No error message when password and username are incorect	If both fields are invalid when chaning the login information no error message is shown.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#1952	DHCP configuration applied prematurely	If the DHCP option is enabled or disabled for one of the Ethernet interfaces trhough the settings website, the new configuration may be applied before the reboot of the device, if an Ethernet cable is plugged.	
#1965	Varying I/O name constraints	Name constraints vary between the I/O drivers. All (device, value, ...) names should consist of 1 to 64 printable ASCII characters. Portal names should consist of 1 to 64 alphanumeric ASCII characters, underscores, dots or hyphens and the first character must be alphanumeric.	
#1984	Dialogs sometimes don't resize when a message box is shown	Dialogs sometimes don't resize corretcly when a message box is shown.	
#1988	Update package cannot be applied	Sometimes installing an update package fails. The message "It seems like the update package could not be applied successfully." is shown. The probability of failure increases with the size of the update package. Since version 11.0.7 the size of update packages has reached a critical limit. The problem did not appear before. The update fails before anything is actually installed. So nothing bad happens to the device. You just cannot install the update.	- Retry several times. - We will provide a partial update package that only updated the operating system. The size of this update package is much smaller, so it should install without problems and fix the problem. Make sure to install the complete update package right after to make sure you have a consitent version. - Increase the interval of the PLC program and possibly also the interval of I/O drivers. This also reduces the probability of failure.
#1996	Missing translation of communication error on IEC 61850 configuration form	When a communication error occurs on the IEC 61850 configuration form, the error message is prefixed with 'undefined' instead of 'Communication error: ' or an appropriate translation.	
#1998	Modbus master edit value dialog validation issues	When selecting a function that doesn't support boolean and the 8-bit int data types (i.e read holding registers) the data type select element doesn't automatically switch to the first selection available (that would be 16-bit unsigned int)	
#2002	Issue with the index number when deleting on grid	When a non-parent row is deleted, the index number of the rows underneath won't be decreased by one. I call parent row the very first row that could exist on the grid, and that includes 'inputs' and 'outputs' rows as well.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#2004	PROFIBUS DP Slave: Wrong constraints for value length	When adding or editing a value for the PROFIBUS DP Slave, the dialog allows a maximum length of 255. However when committing the dialog, an error message appear stating that no more than 244 are allowed.	
#2005	Graphic issues with deleted parent entries on grids	On all grids, with the same structure of Master/Server, when a parent entry, with parent entries below it, is deleted, the addition of values on the parent entries BELOW will cause graphical issues, *IF these entries are fully expanded before the delete of the parent entry above them. Changing to another settings form and switching back will resolve the issue and the grid will be shown correctly. *Also expanding or contracting an entry will solve the issue, therefore the big if.	
#2011	Network configuration form allows empty IP address and netmask	When DHCP is not being used, the network configuration form still allows the fields for IP address and IP netmask to be empty.	
#2021	IEC 60870-5-104: Erroneous check for relation between T1 and T2	For IEC 60870-5-104 server and client the T2 timeout value must be smaller than the T1 timeout value. However the check is done incorrectly leading to false positives and false negatives.	
#2049	NAT's popup window allows ip field to be empty	NAT's popup windows to add entry and edit entry allow ip address input field to be empty when clicking ok.	
#2110	Diagnostics: Ping allows too many data bytes	The ping command on the diagnostics page allows up to 65535 data bytes, but only up to 65507 work. If you chose 65508 data byte or more, the message "ping: sendto: Message too long" is shown.	
#2135	Fix localization error in the IEC 61850 help page	Swap the english and german localization strings for "Server SCL file path".	
#2205	WLAN: Error message only shown very shortly when scanning fails	When scanning for WLAN networks fails for any reason, the corresponding error message is only shown very shortly.	
#2230	IEC 60870-5-104: Erroneous check for relation between T1 and T2	For IEC 60870-5-104 server and client the T2 timeout value must be smaller than the T1 timeout value. However the check is done incorrectly leading to false positives and false negatives	

Ticket	Zusammenfassung	Beschreibung	Workaround
#2231	PROFIBUS DP slave: Module ID 255 should not be allowed	When adding or editing a PROFIBUS DP slave module, the module ID 255 can be entered. But when the configuration should be saved an error message is shown, stating that the module ID is out of bounds.	
#2247	WLAN: Cannot scan after connection attempt with wrong password	After attempting to connect to a wireless network with a wrong password, scanning for networks fails.	

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