

## WEB-PLC V10.5.4 - Known Bugs

### Komponente: Brandlabel (2 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
<b>#2209</b>	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
<b>#2219</b>	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
<b>#1096</b>	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.	
<b>#1662</b>	Numerical units should not support boolean data type	The following units should not support boolean data type: <ul style="list-style-type: none"> <li>• Addition</li> <li>• Compare</li> <li>• Division</li> <li>• Maximum</li> <li>• Minimum</li> <li>• Multiplication</li> <li>• Subtraction</li> </ul>	
<b>#1908</b>	Double-tapping elements is not working on Touch Devices.	On touch devices double-tapping an element does not show its context menu.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#2022	Editor: Erroneous information in tooltips for I/O elements	<p>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:</p> <ul style="list-style-type: none"> <li>• The data type is only shown for I/O arrays not for plain I/Os.</li> <li>• The data type is labelled 'Value index' instead of 'Data type.'</li> <li>• The data type for string values is shown as 'Invalid Data Type'.</li> </ul>	
#2118	Autocomplete selects the first possible option without showing it on the select box.	<p>We assume that we have IOs and Variables, that share partly the same name. i.e. "Variables.var1" and "Variables.var2"</p> <p>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"</p> <p>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).</p> <p>This selection will pass on the IO mapping list if we hit ok</p>	
#2129	Unpack unit shows wrong output value when PLC not running	Unpack unit shows wrong output value when PLC not running.	
#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** (34 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
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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 duple click. The problem occurs in Chrome since WEB-PLC V10.0.X	
#1824	OpenVPN: Cannot handle custom device names	When custom device names (e.g. dev tun765) are set in the OpenVPN configuration, the WEB-PLC will be unable to run certain services on the interface, e.g. NAT.	
#1840	PROFINET, EtherNet/IP: Groups without values generate errors.	The Following error is generated if a group is defined in the PROFINET or EtherNet/IP but has no values. Anybus CompactCom base driver error.(Error code 7, Info 2945720)	
#1845	IEC 60870-5-104 Server: No reply to read command	The IEC 60870-5-104 Server doesn't reply to the read command (C_RD_NA_1, 102).	
#1860	Cellular modem's connection supervision produces false-positives	The connection supervision of the cellular modem driver produces false-positives and thus closes the connection every time the connection supervision is executed (i.e. when there has been no traffic). When the cellular modem is used as a fallback connection, it will also be activated even if the normal connection is still OK.	
#1864	Event log timestamps not updated if portal is active	When the WEB-PLC first synchronises its system time (e.g. from the RTC or via SNTP), it fixes the timestamps of event log messages that have occurred before and have an invalid time (typically 2015-01-01 00:00 UTC). However if the portal is active, it may happen that the WEB-PLC synchronises its clock with the Kolibri Broker immediately after synchronising it with the RTC or via SNTP. It then 'forgets' to update the timestamps inside the event log.	
#1889	Only one TLS/SSL connection	The WEB-PLC cannot open more than one TLS/SSL connection. Opening a second connection not only fails, also the first connection is messed up. This may for example happen when the device is connected to the portal and an update package should be downloaded via HTTPS.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#1903	Cellular modem may not be initialised	Depending on the concrete hardware it may be impossible to initialise the cellular modem.	
#1917	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 message on the tab is: "The update package is not valid for this device"	
#1920	Firmware can be manipulated during firmware update	It is possible to manipulate the WEB-PLC firmware during a firmware update.	
#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.	
#1941	Portal: Cannot connect after connect failed once	The portal module will not reconnect to the portal after establishing the connection has failed once, e.g. because the portal server had been down for a short time. The message "Portal module: Could not connect: Connect error (-3)" will be shown in the event log.	
#1954	CTI x.MIO12.x.W and CTI x.MIO16.x.W Input and Ouputs not synchronized with the PLC	<p>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.</p> <p>For sc1x3 based comtom the name schema is com.tom x 10.1 and com.tom x 11.1</p>	
#1958	Gateway lost when no link at startup	If a static (no DHCP or the like) gateway is configured and the corresponding network interface does not have link at startup, the WEB-PLC will lose the gateway.	
#1974	Improve open source software documentation	Iptables is missing in the open source software documentation. Also the written intent required by the GPL is missing.	
#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".	

Ticket	Zusammenfassung	Beschreibung	Workaround
#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 emits when connecting to a server failed don't match the codes shown in the corresponding help topic.	
#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.	
#2078	Diagrams with pack/unpack units cannot be loaded after update to Version 11.0.7	If a diagram contains pack/unpack 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 transmitted until the value changes.	
#2157	M-Bus: Correct German translation	The up/down translation in German is wrong.	
#2164	IO mapping list variable mismatch 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.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#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.	
#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	<p>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.</p> <p>For example:</p> <p style="padding-left: 40px;">idx: 0 name: uint8Max idx: 1 name: uint8</p> <p>If a reference is created to the variable "uint8", it will be assigned to "uint8Max".</p>	
#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"	

Ticket	Zusammenfassung	Beschreibung	Workaround
<b>#2243</b>	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 <b>#1745</b> improved the performance, but did not completely solve the problem.	

## Komponente: Run Time System (12 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
<b>#1831</b>	IEC 60870-5-104 Server: Device hangs when a lot of values are defined	When a lot of values are defined for the IEC 60870-5-104 Server (near to the maximum), the device will hang, because it takes too long to update the values and the interval in which the values are updated is fixed to 200 ms. The interval should be configurable to adapt it when a lot of values are desired. Also see ticket <b>#1871</b> .	
<b>#1876</b>	Timetags are not being updated in IEC 60870-5-104 Server values	Timetags are not being updated in IEC 60870-5-104 Server values	
<b>#1882</b>	Modbus RTU Master cannot handle partial frames	The Modbus RTU Master cannot handle partial frames. It will wait for the rest of the frame endlessly. Partial frames may appear for example when the slave is shut down while sending a frame.	
<b>#1918</b>	M-Bus: Crash when values of device without values are requested	When the M-Bus driver requests values from a device for which no values were found during scan, the com.tom may crash.	
<b>#1933</b>	IEC 60870-5-104 Client: Crash due to value with range > 1	When a value with a range greater than 1 is defined for the IEC 60870-5-104 Client, the firmware may crash.	
<b>#1963</b>	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 second one will be "ello", the third one will be "llo" etc.	

Ticket	Zusammenfassung	Beschreibung	Workaround
<b>#1993</b>	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 <b>#1520</b> ). However 128 servers are not even possible due to resource limitations.	
<b>#2028</b>	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.	
<b>#2036</b>	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.	
<b>#2057</b>	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.	
<b>#2136</b>	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.	
<b>#2235</b>	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 (33 Ergebnisse)

Ticket	Zusammenfassung	Beschreibung	Workaround
<b>#510</b>	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.	
<b>#826</b>	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.	



Ticket	Zusammenfassung	Beschreibung	Workaround
#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
#1794	PROFIBUS DP Slave: Only up to 48 modules can be defined	The PROFIBUS DP Slave can only handle 48 modules even though 128 modules are allowed on SC1x5 targets. However implementation details of the Anybus CompactCom Module limit the number of modules to 48. The limit should be clearly documented.	
#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.	
#1835	IEC 60870-5-104 timeout constraint	The timeout T2 must be less than T1. The IEC 60870-5-104 Client or Server will refuse to start if it is not. The configuration website should enforce this constraint.	
#1843	IEC 60870-5-104 Client: Value dialog allows to increase range although maximum is reached	The value dialog of the IEC 60870-5-104 Client allows the range of a value to be increased although the maximum number of values has already been reached. When storing the configuration the message "Too many values" is shown. Also the configuration form does not correctly count the sum of all array sizes and all scalar values when deleting a device or value and when editing a value.	
#1855	CODESYS Network Variables: Parser does not show v2.7 error messages.	CODESYS Network Variables Parser shows only errors generated while trying to parse v3.5 list, errors that are generated from v2.7 list are suppressed.	

<b>Ticket</b>	<b>Zusammenfassung</b>	<b>Beschreibung</b>	<b>Workaround</b>
<b>#1857</b>	CODESYS Network Variables: Parser should invert the write, read flags.	If a list is exported as read from the CODESYS program, the parser should treat it as write and so on.	Edit the list and reconfigure the read write flags, after parsing the list.
<b>#1861</b>	Confusing error message when SIM card not present	When the SIM card is not present, the cellular modem driver emits a confusing error message: "Invalid PIN or SIM card locked (code 10)"	
<b>#1873</b>	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.	
<b>#1875</b>	IEC 61850 saved configuration cannot be loaded to the website.	Currently saved IEC 61850 configuration cannot be loaded to the website.	
<b>#1886</b>	Missing Open Source license files	When trying to view one of the Open Source licenses in the online help, the web server returns a "404 - file not found" error.	
<b>#1906</b>	Event log help topic: List of messages is empty	In the help topic for the event log there should be a list of all possible event log messages, but this list is empty.	
<b>#1910</b>	IEC 61850 configuration still cannot be downloaded in Google Chrome	The IEC 61850 SCL File still cannot be downloaded in Google Chrome. It works in Mozilla Firefox. The download link now works (see <a href="#">#1849</a> ), but the contents of the file are still not correctly loaded into the form.	
<b>#1912</b>	EtherNet/IP: IP and netmask field not disabled when DHCP is active	On the configuration form for EtherNet/IP the fields "IP address" and "IP netmask" should be disabled when the "Use DHCP" checkbox is checked. However this does not happen when loading the form for the first time or when reloading the settings.	
<b>#1934</b>	Login: No error message when password and username are incorrect	If both fields are invalid when changing the login information no error message is shown.	
<b>#1952</b>	DHCP configuration applied prematurely	If the DHCP option is enabled or disabled for one of the Ethernet interfaces through the settings website, the new configuration may be applied before the reboot of the device, if an Ethernet cable is plugged.	

Ticket	Zusammenfassung	Beschreibung	Workaround
#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.	
#1978	pppd missing in list of open-source components and libarchive licence incomplete	The open-source component pppd is not mentioned in the list of open-source components. Also the licence for libarchive is incomplete.	
#1984	Dialogs sometimes don't resize when a message box is shown	Dialogs sometimes don't resize correctly 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.	<ul style="list-style-type: none"> <li>• Retry several times.</li> <li>• 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 consistent version.</li> <li>• Increase the interval of the PLC program and possibly also the interval of I/O drivers. This also reduces the probability of failure.</li> </ul>
#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)	

<b>Ticket</b>	<b>Zusammenfassung</b>	<b>Beschreibung</b>	<b>Workaround</b>
<b>#2002</b>	Issue with the index number when deleting on grid	<p>When a non-parent row is deleted, the index number of the rows underneath won't be decreased by one.</p> <p>I call parent row the very first row that could exist on the grid, and that includes 'inputs' and 'outputs' rows as well.</p>	
<b>#2004</b>	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.	
<b>#2005</b>	Graphic issues with deleted parent entries on grids	<p>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.</p> <p>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.</p>	
<b>#2011</b>	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.	
<b>#2049</b>	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.	
<b>#2135</b>	Fix localization error in the IEC 61850 help page	Swap the english and german localization strings for "Server SCL file path".	
<b>#2231</b>	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.	