

## WEB-PLC V18.1.8 - Known Bugs

### Komponente: Brandlabel (5 Ergebnisse)

| Ticket       | Zusammenfassung   | Beschreibung  | Workaround  |
|--------------|---|---|---|
| <b>#2162</b> | 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 interprets 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 ignored. | Remove c style comments from the "VAR_GLOBAL" "END_VAR" block. Declare all datatypes in upper case. |
| <b>#2208</b> | DNP3 outstation: Wrong static or event variation when editing the first value after loading website | When editing the first DNP3 outstation value after loading the settings website, the static or event variation shown in the value dialog may be wrong.  | Cancel the value dialog and open it another time  |
| <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>#2211</b> | DNP3 outstation: CROB commands queuing does not work  | The DNP3 outstation driver does not queue CROB commands correctly. If a new CROB command is received while another one is still pending, the new CROB command could be ignored or it could be repeated endlessly.   |   |
| <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 (8 Ergebnisse)

| Ticket | Zusammenfassung | Beschreibung | Workaround |
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| Ticket | Zusammenfassung   | Beschreibung  | Workaround |
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| #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.   |            |
| #2117  | Line break in duty cycle bar  | Duty cycle bar icon and percentage status should be shown in one line.  |            |
| #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> |            |
| #2119  | Edit menu option of Pack and Unpack units context menu should be removed                      | <p>The edit button on the right click popup menu of Pack and Unpack units does nothing and is replaced by the pack/unpack drop down buttons.</p> <p>It should be removed.</p>   |            |
| #2124  | Negative processing order values can be selected  | Negative processing order values can be selected. Upon clicking the OK button the negative value is not accepted though.  |            |
| #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.   |            |
| #2244  | Compare Unit returns equal when difference is greater than maximum of signed integer datatype | 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 equal output port.   |            |

| Ticket | Zusammenfassung | Beschreibung | Workaround |
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**Komponente: General** (24 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 duple click. The problem occurs in Chrome since WEB-PLC V10.0.X |            |
| #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.   |            |
| #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.   |            |
| #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.   |            |

| <b>Ticket</b> | <b>Zusammenfassung</b>   | <b>Beschreibung</b>  | <b>Workaround</b>  |
|---------------|--|--|--|
| <b>#2125</b>  | OPC UA Server:<br>Change of array lengths not detected by PLC                        | If an OPC UA server value's array length is changed the PLC does not detect it. This can lead to a misconfigured program to run.                                 |  |
| <b>#2128</b>  | Crash and reboot after Kolibri write/commit timeout errors                           | The device crashes after a lot of Kolibri write/commit timeout errors due to the gateway being changed from one interface to another (e.g. ETH to CellModem)     |  |
| <b>#2130</b>  | 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.   |  |
| <b>#2132</b>  | Update packages containing WLAN configuration cannot be applied                      | If a update package contains the WLAN configuration, it cannot be applied.   |  |
| <b>#2133</b>  | 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.  |  |
| <b>#2144</b>  | Devices without a second ethernet interface cannot store their network configuration | The network configuration cannot be saved if the device does not support a second ethernet interface. An error message is shown but no field is marked as false. | The IP configuration can be changed via the com.tom IP tool.   |
| <b>#2145</b>  | M-Bus: Cannot scan   | The Scan functionality of the M-Bus driver is not working. After executing a scan the following error message is generated "Unknown method!".                    |  |
| <b>#2157</b>  | M-Bus: Correct German translation  | The up/down translation in German is wrong.  |  |
| <b>#2164</b>  | 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.                                 |  |
| <b>#2167</b>  | 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. |

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|--------|---|--|------------|
| #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"   |            |
| #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** (9 Ergebnisse)

| Ticket | Zusammenfassung | Beschreibung | Workaround |
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| <b>Ticket</b> | <b>Zusammenfassung</b>  | <b>Beschreibung</b>   | <b>Workaround</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>#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>#2198</b>  | IEC 61850: Client may crash on non-GOOSE update                     | The IEC 61850 client may crash the firmware when a value is updated, but only if the update is not caused by GOOSE.   |                   |
| <b>#2204</b>  | OPC UA Server: Only one subscription per session                    | The OPC UA server supports only one subscription per session. If the subscription is for example used for ModelChangeEvents (like for example Unified Automation's UaExpert does), no subscription is available for monitored items. The error code BadTooManySubscriptions will be returned. |                   |
| <b>#2207</b>  | DNP3 outstation: Timestamps are incorrect                           | Timestamps transmitted from the DNP3 outstation driver are incorrect.   |                   |
| <b>#2215</b>  | DNP3 outstation: Inputs cannot be read back                         | DNP3 outstation inputs (outputs from master's point of view) cannot be read back by the master. The master always reads the initial value.  |                   |
| <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** (17 Ergebnisse)

| <b>Ticket</b> | <b>Zusammenfassung</b>  | <b>Beschreibung</b>  | <b>Workaround</b> |
|---------------|---|--|-------------------|
| <b>#1558</b>  | 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. |                   |

| Ticket | Zusammenfassung   | Beschreibung  | Workaround         |
|--------|---|---|--------------------|
| #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 |
| #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.  |                    |
| #1952  | 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.   |                    |
| #2002  | 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>  |                    |
| #2005  | 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> |                    |
| #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.  |                    |
| #2088  | Dialog buttons cut  | In some dialogs the buttons at the bottom are cut, because the dialog is slightly too small.  |                    |
| #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".  |                    |

| <b>Ticket</b> | <b>Zusammenfassung</b>   | <b>Beschreibung</b>   | <b>Workaround</b> |
|---------------|--|---|-------------------|
| <b>#2205</b>  | 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.   |                   |
| <b>#2230</b>  | 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              |                   |
| <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. |                   |
| <b>#2234</b>  | Help icon on settings website does not open help topic for settings website                        | When the help icon on the settings website it clicked, the help website is opened, but not the help topic for the settings website (like for other sites).  |                   |
| <b>#2246</b>  | OPC UA Server: No error message when maximum number of I/Os is configured and another I/O is added | In the configuration form for the OPC UA server no error message is shown when the maximum number of I/Os is configured and another I/O is added.   |                   |
| <b>#2247</b>  | 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.   |                   |