

WEB-PLC V18.2.16 - Known Bugs

Component: Brandlabel (2 matches)

Ticket	Summary	Description	Workaround
#2265	Dialog properties of the SGIM Limit/CtRatio dialog are undefined if the dialog is closed	The following error appears when any settings are being edited, regardless if the changes are saved: Uncaught TypeError: Cannot read property 'highLimitEnabled' of undefined	
#2333	Invalid IP addresses in IBTP	The IBTP tool does not show devices with invalid IP addresses.	

Component: Editor (5 matches)

Ticket	Summary	Description	Workaround
#2114	Editor shows changed Time Switch configuration before it is active	To accept changes to the Time Switches configuration the device must be rebooted. However the editor provides the changed Time Switches configuration in its menu before the device has been rebooted	
#2118	I/O mapping: 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	
#2273	Time Switch Dialog is not initialised correctly	After opening the Time Switch configuration Dialog all trigger fields are uninitialized so if the Trigger Type remains Trigger Values that are valid are shown invalid.	Change the Trigger type in order to reinitialise the restraints.

Ticket	Summary	Description	Workaround
#2274	Constant Dialog allows negative numbers beyond the 64-bit signed integer limit	The maximum negative 64-bit signed integer number supported by the WEB-PLC firmware is -9223372036854775808, but numbers less than it are allowed by the the constant dialog, for example -9223372036854775809. If such a constant unit exists in the diagram when the program is stored, the following error message will appear "Diagram: Hash mismatch".	
#2302	I/O mapping Dialog missing input interfaces	The I/O mapping dialog is created based on the number of output interfaces. Unequal number of input and output interfaces may lead to Javascript errors and missing I/O values.	

Component: General (24 matches)

Ticket	Summary	Description	Workaround
#1746	Unwanted scrolling in Google Chrome	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 double click. This behaviour only happens in Google Chrome.	Use Mozilla Firefox
#1899	WLAN: Signal strength icon always shows no bars	The icon that indicates the signal strength of the cellular modem always shows 0 of 4 bars. Also when disconnected the RSSI is indicated as 0 dBm, which is very good it should reflect that no connection exists.	
#1925	DHCP Server does not work for WLAN interface	The following error is generated "Network interface not configured" when the DHCP Server uses the WLAN as interface.	
#1926	WLAN should not try to connect when a empty SSID is configured	An empty WLAN SSID defines the wildcard option, it should be configurable but the driver should not try to connect to it.	
#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.	
#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.	
#2172	Event log messages during connection establishment don't pass to portal	The event log messages which occur during connection establishment don't pass to portal's event-log's downloadable csv file.	

Ticket	Summary	Description	Workaround
#2291	MicroBrowser: generated variable list is malformed.	Input and Output values access strings are not correctly generated.	The access strings have the following scema. type/interface/device/name[arrayidx]
#2293	Gateway automatically restored when removed	When the default gateway is removed (e.g. via the com.tom IP tool), it will be automatically restored.	
#2305	IEC 61850 Client polling blocks client connection status query	IEC 61850 Client task first polls data from the servers and then checks the connection status, so if polling data takes more time than the configured check server interval will be violated.	
#2306	ID of some SIM card cannot be read	For some SIM cards the SIM ID cannot be read. This seems to be a timing issue. We should add a retry to read the SIM ID.	
#2323	Messages configuration cannot be imported	Since the maximum number of messages was increased from 10 to 25 (see #2214) configuration update packages including the messages configuration can no longer be imported.	
#2373	IEC 61850: Quality encoded wrongly	The quality of values transmitted through IEC 61850 is encoded wrongly.	
#2420	Changing trigger mode from driver can lead to errors	Changing the trigger mode or trigger mode parameters from the device (e.g. the SGIM driver does this when the "Don't overwrite Trigger properties" options are not activated and the configuration differs from the one on the Portal), can lead to errors.	
#2434	Messages Form will not load without rights to the Portal Variables	If the user has only the rights to view/modify the "Messages configuration" without the rights to view/modify the portal variables, the form will not load and the overlay message box will always be visible.	
#2435	PROFIBUS DP Slave: reloading form fails silently.	After clicking the reload button nothing happens.	
#2442	Importing Programs from previous Versions without the I/O mapping feature dont run on start	Exported update files from previous version that do not support the I/O mapping feature will not automatically start after apling the update file. They must be saved and started manually.	
#2444	Legacy cup files with OpenVPN configuration can't be applied to Reloaded	Legacy CUP files that contain an OpenVPN configuration can't be applied to SC1x5 processor based com.toms.	
#2467	DNP3 outstation: configuration file is exported twice	The DNP3 outstation configuration file is added twice to the export file.	

Ticket	Summary	Description	Workaround
#2469	Data type conversion units negated input ports are processed as not negated	If a Data type conversion elements input port or their connected element output port is negated the unit will process them as if they were not negated.	
#2478	MicroBrowser: Values that extend other values names cannot be accessed	This can happen if the name of one value is the first part of another's name and it is positioned before the mentioned value. For example: idx: 0 name: uint8 idx: 1 name: uint8Max A request for uint8Max will generate the "Variable or I/O value not found." error message.	
#2512	Hardware configuration page for SGIM reports user as logged out	The hardware configuration page for the SGIM erroneously reports that the user is logged out. This also leads to the Hardware Change Log not being displayed.	
#2552	Web server security issue	A security issue has been fixed in the internal web server.	
#2557	Linux kernel security issues	Three security issues have been fixed in the Linux kernel.	

Component: Run Time System (17 matches)

Ticket	Summary	Description	Workaround
#2139	Floating point NaN transmitted to portal continuously	When a floating point value that is transmitted to the portal is NaN, it is transmitted continuously.	
#2181	Diagnostics console: RTOS tasks command does not show overall CPU duty cycle	The RTOS tasks command in the diagnostics console never shows the overall CPU duty cycle. It always shows "n/a".	
#2318	IEC 61850 client: False success message when polling values	When the option "Poll data from servers" is enabled for the IEC 61850 client, after polling a value has failed and an appropriate error message has been emitted to the event log, the client will immediately emit a success message afterwards.	
#2331	IEC 61850: Garbage Enumeration values	The IEC 61850 driver treats enumeration values as 16-bit integers although they are transmitted as 8-bit integers. This leads to garbage values.	
#2332	IEC 61850: Quality not updated on error	When the IEC 61850 driver cannot get a value from the stack, the quality of the corresponding input is not updated.	

Ticket	Summary	Description	Workaround
#2342	CTI x.MIO12.x.W and CTI x.MIO16.x.W Analog input values bounce for certain input values.	Certain analog values generate an overflow that causes the analog input to bounce between two values with a relative big gap. Current List that have this issue: 3.114mA, 6.240mA, 9.366mA, 12.492mA Voltage List that have this issue: 1258mV, 2521mV, 3784mV, 5047mv	
#2374	Changing priority of one portal data point affects all data points	When a portal data point's high priority flag is changed, the queued values of all data points will be moved to the other priority queue.	
#2402	The UTC clock timer unit works with local time	The UTC clock timer unit works with local time instead of UTC time.	
#2407	Analog trigger does not work correctly for 64-bit unsigned integer values	The analog trigger unit does not work correctly for 64-bit unsigned integer values.	
#2431	WLAN: Gateway settings is not used.	The Wlan interface allows a gateway to be configured but this options is ignored by the system.	
#2450	I/O mapping: Wrong timestamp and quality	When mapping an input to an output the quality of the output is always set to 'good' and the timestamp is always set to the current timestamp, which is what happens when mapping a variable to an output.	
#2459	OPC UA server: Quality not translated	Qualities are not being translated between OPC UA server I/Os and other I/Os. Good quality should be translated to 0, bad quality to 0x80000000.	
#2485	OpenVPN configuration option key-direction is not allowed	The option key-direction is blacklisted from the webconfig, this should't be so.	
#2499	EtherNet/IP Adapter: IP cannot be configured from the EtherNet/IP network	The IP of the EtherNet/IP ABCC module cannot be configured from the EtherNet/IP network due to the IP being set by the gateway when ABCC is in state setup.	
#2501	EtherNet/IP Adapter: Reset request from network not supported	If there is a request to reset the device from an EtherNet/IP network it is ignored by the gateway. This has to be changed so that reset requests actually reset the device.	
#2504	EtherNet/IP Adapter: Generated .eds file is not conforming to ODVA's standard	There are missing Object_Name and Object_Class_Code on all objects in the .eds. The IconContents field has a trailing '='. The [Port] is missing declaration of routing capabilities.	
#2521	IEC 61850 client - false success message when polling values	IEC 61850 client - false success message when polling values	

Ticket	Summary	Description	Workaround
--------	---------	-------------	------------

Component: Website (23 matches)

Ticket	Summary	Description	Workaround
#677	Wrong information on home page after reboot	When the com.tom device is rebooted while the home page is active, the home page will not recognise the reboot and may display outdated information (e.g. I/Os that are no longer present).	
#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.	
#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.	
#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.	
#2088	Dialog buttons cut	In some dialogs the buttons at the bottom are cut, because the dialog is slightly too small.	
#2112	New variables invisible	On the form where you can define the variables, the 27th entry will not be shown in the table when added.	
#2266	Users cannot be exported	When exporting the user management configuration, the actual users are not exported at all. The .cup file only contains the password policy including the black list.	
#2269	Scrolling area for settings is too high	The area on the settings website, in which the configuration forms are shown, allows to scroll down beyond the end of most forms, because the scrolling area has the size of the longest form. Furthermore when you have scrolled to the end of a long form and switch to a shorter form, the area does not scroll up automatically. You have to manually scroll up to see the new form.	

Ticket	Summary	Description	Workaround
#2272	IEC 60870-5-104: Erroneous check for relation between T1 and T2	<p>For IEC 60870-5-104 server and client the T2 timeout value must be smaller than the T1 timeout value. However the constraints of the 2 timeout values are wrong.</p> <p>On #2230 the T1 constrains were corrected. But the T2 must have a limit of 254.</p>	
#2278	Prompt for new load or stay when same user's login on editor happens with other session id	<p>With unsaved changes on editor, when the same user logs in with another session id, the window with the question of either new load or stay on webpage comes.</p> <p>This is unnecessary because of the policy of automatic logout.</p> <p>It must be noted, though, that the abolition of the prompt could lead to loss of unsaved changes on the diagram.</p>	
#2279	IEC 60870-5-104 client: Redundancy not documented	The connection redundancy feature of the IEC 60870-5-104 client is not documented.	
#2287	Messages: Documentation still states we only allow 10 messages	We now allow up to 25 messages (see #2214), but the help topic still states that we allow only 10 messages.	
#2301	SGIM "Set limits" dialogue does not handle negative values correctly	On the SGIM "set limits" dialogue, values are treated as positive. I.e., the minus won't appear on the settings column of the grid and the inputs of -100 and -101 for high and low limit respectively won't pass.	
#2341	Cancel button of change password dialog does not work	The cancel button inside the change password dialog does not work.	
#2346	EtherNet/IP Adapter: download EDS File throws error.	If changes are made to the configuration and then are discarded because the user reload the form, trying to download the EDS file will generate the error "save or discard any changes before you can download the EDS file."	
#2347	User cannot change his/her own password through user configuration form	The logged-in user cannot change her/his own password through the user configuration form. Changing your own password requires the old password, but the user configuration form does not query for the old password. The password of the logged-in user can only be changed through the user menu.	Change your own password through the user menu.
#2419	Help system corrections	Corrections in content, context, and functionality of the help system.	

Ticket	Summary	Description	Workaround
#2424	OPC UA server: It should not be possible to select no security policy	The configuration form for the OPC UA server does not enforce selecting a security policy. However the server will not be accessible when no security policy is active.	
#2430	CODESYS network variables: Constraints for list portal name not checked	The constraints for the portal name of a CODESYS network variable list are not being enforced.	
#2443	User management: User list inconsistent after trying to delete last user that has the access right to add new users and edit other users	It is not possible to delete the last user that has the access right to add new users and edit other users. However even though an error message is shown, the user still disappears from the user list.	
#2455	IEC 61850: Unsigned integer data types shown wrongly	For unsigned integer values the data type is shown wrongly on the configuration form. 8-Bit-Unsigned is shown as 16-Bit-Unsigned, 16-Bit-Unsigned as 32-Bit-Unsigned etc.	
#2463	Global I/O value limit check false positives	When storing the configuration of an I/O driver, the global I/O value limit is being checked. The number of I/O values in the new configuration is added to the total number of I/O values, but the number of I/O values in the old configuration is not subtracted from the total number. So the error message "The global limit for input and output values would be exceeded." may be thrown although the global limit is not really being exceeded.	
#2486	OpenVPN webconfig error codes are not translated.	The OpenVpn webconfig error objects are shown when an error occurs instead of the translated texts.	