

WEB-PLC V4.11 - Known Bugs ¶

Component: WEB-PLC - Editor (7 matches)

Ticket	Summary	Description	Workaround
#5	Elements can be moved out of the diagram	In the WEB-PLC editor elements can be moved outside the visible area of diagram. They are still there, but cannot be edited any more.	
#415	Editor indicates communication errors while LifeView is active	When a complex diagram is running and the LifeView is active, the WEB-PLC editor indicates communication errors through a symbol in the menu bar. The icon shortly appears from time to time and then disappears.	
#715	Timer switching with wrong interval if Clk output port is negated	If the Clk output port of a timer unit is negated, the timer will ignore the given interval and switch the port at maximum speed.	
#1003	Editor catches the delete key even if a dialog is open	The WEB-PLC editor catches the delete key and thus deletes the selected element even if a dialog is open and the key is pressed inside this dialog.	
#1005	Counter units overflow port only set for one cycle	The Overflow port of the counter unit is only set for one PLC cycle in case of an overflow. The documentation states that it will be set until the counter value changes the next time.	
#1034	Diagram	After the WEB-PLC has been	The diagram must be converted, saved and started through the editor.

	stopped after update with new I/O drivers	updated to a new version that introduced new I/O drivers (Modbus Master in V4.11, CODESYS network variables in V5.04, Modbus Slave in V8.1.2), the diagram is stopped due to changes in the I/O configuration. The WEB-PLC should recognise that the new I/O configuration is a superset of the previous one and start the diagram.
#1063	Diagram cannot be saved when edited with zoom	When the diagram has been edited while the zoom feature of the web browser was used, it may not be possible to save the diagram. The error message "JSON: This is a floating point number." will be shown. The problem has been observed in Microsoft Internet Explorer 11.

Component: WEB-PLC - General (20 matches)

Ticket	Summary	Description	Workaround
#189	Ping blocked by NAT	When NAT is enabled it is not possible to ping the device via the IP address of its external interface.	
#225	Spaces replaced by plus signs on PORTAL	The WEB-PLC replaces spaces by plus signs when sending text data to the PORTAL.	
#226	Index out of bounds error when deleting nodes on the PORTAL	During the synchronisation of the I/Os with the PORTAL the WEB-PLC shows an error message saying "Index out of bounds" in the event log, if nodes have to be deleted	

		on the PORTAL. Only one node will be deleted.	
#253	NAT out of mapping entries due to network broadcasts	If there are a lot of network broadcasts the NAT module runs out of mapping entries although these network broadcasts should not be NATed.	
#259	IEC 60870-5-104: Information Object Address limited to 65535	The information object address is limited to 65535.	
#267	Modbus TCP registers scrambled	If the network connection is interrupted shortly during a Modbus TCP transaction and the current transaction times out, the result of the current transaction may be interpreted as the result of the next transaction and so on, scrambling all registers.	
#275	Firewall blocks all traffic on Ethernet with fixed IP	If a fixed IP address is configured on the Ethernet interface (DHCP disabled), the firewall will block all traffic regardless of any rules.	
#294	OpenVPN uses 100 % of CPU	OpenVPN uses 100 % of the CPU if the configuration is wrong (e.g. a certificate is missing).	Use the reset button to reset the device to factory settings.
#358	Cellular modem's connection supervision sometimes takes too long	The cellular modem's connection supervision sometimes takes too long to detect that the connection has been lost.	
#394	32-bit float values not correctly transmitted to	32-bit floating point values are not correctly transmitted to the portal.	

portal

#709

OpenVPN server with port number >32767 does not work

The OpenVPN does not work with servers that use a port number higher than 32767. The message "OpenVPN Driver: Options error: Bad port number: <port number>" is logged.

#738

Factory settings not updated correctly

The WEB-PLC evaluates the type of update packages wrongly. Two things can happen:

1. When an update package is applied, the factory settings will not be updated. So when a factory reset is performed, the settings may be wrong. This may also apply to internal settings that are not visible on the settings website, but are still important for the correct functioning of the WEB-PLC.
2. When a configuration package is applied, also the factory settings will be updated. So when a factory reset is performed, it will not reset to the factory settings but to the settings from the previous configuration package.

#792

Floating point values are cut on home page

On the home page when floating point values from an I/O driver are displayed, the

		decimal places of these values are cut.	
#837	OpenVPN server with port number >32767 still does not work	<p>The OpenVPN does not work with servers that use a port number higher than 32767. The message "OpenVPN Driver: Options error: Bad port number: <port number>" is logged.</p> <p>This issue was already described in ticket #709, but the fix for this ticket was not effective.</p>	
#922	No update package can be loaded after an invalid package had been loaded	When an invalid update package has been loaded to the WEB-PLC (either through the local website or through the portal) no further package can be loaded through the same channel afterwards.	Reboot the device.
#1025	Problems with 32 GB SDHC cards	The SDHC card driver has problems with 32 GB cards. The size is calculated wrongly, which may lead to access failures.	
#1067	Cannot receive short messages from self	The WEB-PLC cannot receive short messages that it has sent itself. These messages may also block other messages. This problem may be limited to certain networks.	
#1068	Cannot receive multi-line short messages	The WEB-PLC cannot process received multi-line short messages. There are two special cases: If the second line contains only the word OK or the second line is empty and the third line contains only the word OK, only the first line will be processed.	

#1189	Update package and log file deleted on error	The update launcher deletes the log file and the update package file in case of an error during installation of the update package. The log file should not be deleted. The update package should not be deleted, if the update was triggered through the com.tom's reset button.
#1402	IEC 60870-5-104 Server: "Transmission cause false" after Counter interrogation command	If the IEC 60870-5-104 Server has the types "15 Integrated Totals" and "37 Integrated totals with time tag" and receives a "101 = Counter interrogation command" with "Qualifier of interrogation" = 5 (General counter interrogation), it answers with Cause of transmission 0. Additionally the type 37 is transmitted as type 15.

Component: WEB-PLC - Run Time System (9 matches)

Ticket	Summary	Description	Workaround
#219	OpenVPN and DHCP does not work	For an openVPN bridged network DHCP is not working.	
#250	IEC60870-5-104 input values with random values	IEC60870-5-104 input values have random values at start-up until a client writes them.	
#302	Portal I/O synchronisation fails if there are more than 200 nodes	When the portal I/O synchronisation queries the portal for existing nodes, the response is limited to 200 nodes. so if there are more than 200 existing nodes, the synchronisation will try to create all nodes starting from the 201st. This will fail.	Delete all child nodes of the inputs and outputs groups. Then re-start your device to trigger portal I/O synchronisation.

		from the 2018. This will fail, because the nodes are already existing. The synchronisation cannot be finished.	
#360	CODESYS network variable and Meter driver crash if many values are defined	The CODESYS network variable driver and the meter driver may crash with unpredictable results, if a lot of values are defined. The limit for the CODESYS network variable driver is approx. 240 values. The limit for the meter driver is approx. 260 values.	
#381	IEC 60870-5-104 server driver shows false error message	The IEC 60870-5-104 server driver shows a false error message in the event log saying something like "Could not update output at address 1000. Error code 30403, error value 0".	
#405	Load time from RTC even if SNTP is used	Load the time from Real Time Clock (RTC) before using the SNTP. Also the time is never loaded from RTC if a not-working SNTP server is configured.	
#1059	IEC 60870-5-104 server driver: Wrong assignment of portal qualities	The IEC 60870-5-104 server driver does not update the quality of the data points for its input values on the portal. Instead it writes the corresponding qualities to the points for its output value.	
#1102	Modbus: 64-bit floating point values may be set to 0	When transmitting 64-bit floating point values as registers through the Modbus Client/Master or Server/Slave driver, the values might be set to 0.	
#1289	Digital outputs on com.tom M-	The digital outputs of com.tom M-BUS devices	

on common ...
BUS cannot
switch faster
than once
every second

common ... BUS devices
(EXT03) cannot switch faster
than once every second. If
you try to switch them faster
than this, they will not switch
at all. If you try to switch
them only slightly slower
they may switch or not.

Component: WEB-PLC - Settings Website (6 matches)

Ticket	Summary	Description	Workaround
#221	IEC60870-5-104 IOA limited to 1677721	The information object address (IOA) is limited to 1677721 instead of 16777216 for IEC60870-5-104 values.	
#283	Empty message box after meter settings have been saved	An empty in-line message box is shown after the meter settings have been successfully saved.	
#328	Settings website not correctly displayed in Chrome 29 and Firefox 25	The tabs on the settings website are not shown in Google Chrome 29 and Mozilla Firefox 25.	Create a new bookmark in your browser and enter the following text in the address/URL field: <code>javascript:dojo.style(gTabContainer.domNode,'height','100%');gTabContainer.resize();</code> After the settings website has loaded, click on the bookmark. It will fix the problem for the current page visit.
#707	Meter list not exported	The meter device list is not exported when with the meter configuration. Instead the IEC 60870-5-104 value list is included in the generated update package.	
#1053	Dialogs have fields marked erroneous initially	When input fields in a dialog are marked red due to illegal input values and the dialog is cancelled, the next time the same dialog will be opened the fields will still be marked red although the illegal values are not present any more.	
#1327	Cannot send	It is not possible to include a	

percentage
sign in
messages

percentage sign in a send
message template, because
it is interpreted as the start
of a reference.

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