

1 History

Supported Platforms	
	PCD2.M487

V1.10.53 Version for Production!	
New Features	
Bug fixes	
	PCD2.M487 FW size too big: When compiling PCD2.M487 in release 1.10, the FW size is now too big to be downloaded on the HW, but the latest HW (new internal FLASH type) changes implies to generate a 1.10 version.

V1.10.47	
New Features	
	PCD7R400 could be equipped with A29800 (Amic): The A29800(Amic) is now equipped the PCD7R400. → This is the first 1.10.xx firmware supporting the new PCD7.R400 modules produced after week 18 in 2010.
Bug fixes	

V1.10.42	
New Features	
Bug fixes	
	Inter-Character delay on some serial port: There is a inter-character delay on some serial port. This delay is specially noticed in RS-485 mode. Port concerned: port 6 The protocol S_IO/DP is not concerned by this bug.

V1.10.33	
New Features	
Bug fixes	
	MPI OpWrite DB and M buffer implementation: "Implement the MPI OpWrite buffer for DB, Merker, Input, Output and Peri Output for the

	SaiaNT PCD's
	<p>MPI protocol error with some non Siemens OP display: During PLC start-up phase, the OPRead MPI telegrams are not answered because the ""end-of-cycle"" event is not generated. This implies timeout event on some displays, the closing of the associated SAP and the creation of a new connection.</p> <p>When the ""end-of-cycle"" event is generated (user program has been compiled), all inserted jobs are executed over original SAP, which has been closed in-between. This can provoke errors, especially if the used SAP has been re-opens. The re-opening can even be done on another interface, e.g. F750x HW or serial driver. In this case, the sending may lead to unpredictable results.</p>

V1.10.32	
New Features	
Bug fixes	
	WebServer missing write DB only protection: The WebServer configuration in the CDB for write only in a range of a DB is missing.
	W340 in NI1000 Mode returns wrong values.
	setvalues does return readonlyDone: When calling setvalues cgi command does not response ""Done"". An error message is reattached to the message.

V1.10.28	
New Features	
Bug fixes	
	Fetch/Write over ISO on TCP close the connection after 10 s

V1.10.20	
New Features	
Bug fixes	
	Web Server Status page not available: The status.htm page is not available and can therefore not be displayed.

V1.10.17	
New Features	
Bug fixes	

732	PCD2.M487 is not starting up,After Power On the M487 is crashing
730	DP-Master,The read of the live list does not work in FW 1.10.15!

V1.10.15	
New Features	
Bug fixes	
	PPO counter values - read/write error: Writing counter values via web does not result in correct values in the PLC. Reading counter values via web does not correspond to the values in the PLC.
	PPO s - string format unsupported: A PPO DB web access with the format s (string) results ins a ""ppo format unkown"" response.

V1.10.14	
New Features	
Bug fixes	
	Files not found in web server: The web server may not find a flash device including a lot of files. It seams as there are no files at all available.

V1.10.11	
New Features	
	WebServer2 - password feature: Redesign of the password feature in the new WebServer.
	WebServer2 - WEBSocketConfig.txt configuration file,The new PCD Web-Server does not load the configuration file (WEBSocketConfig.txt)
Bug fixes	
	W610 analog output max value does not give 10V in SIMATIC Format: When W610 configured as Simatic unipolar format, it gives only 7.5 volts for maximum value of 27648. If it is configured as SAIA format it works properly and gives 10v for maximum value of SAIA format (4095).

V1.10.10	
New Features	
Bug fixes	
	After Reparsing the ISO/IP Connection the IP Connections disappeared: If the old IP-ISO Configuration contains IP and ISO connection, the parsing routine parses only the ISO Connections in the new configuration, if the IP-

	Connections remains.

V1.10.07	
New Features	
Bug fixes	
	CGI setValues with empty value ignored: An empty value with the setValues cgi command does nothing instead of resetting the value.
	The RTC is not set to the default value if the battery is bad.
	MPI OPRead telegram wrong answer when accessed DB does not exist: When a terminal is issuing commands on the MPI, using the OPRead command, accessing a not existant DB, the returned telegram does not comply with the telegram issued by a Siemens PCD.

V1.10.06	
New Features	
Bug fixes	
	<p>PLC Texts written via Web PPO contains null string and old text content: A text configured via a web PPO is terminated with a null string and the rest of old string is still in memory. This causes STXT to send a null string and old strings.</p> <ul style="list-style-type: none"> * Strings are not terminated anymore automatically by the web server and the rest of the string is wiped with spaces. * In the case the user requires a null string it must be done explicitly with null escape sequence %00 at the sting end (no space wiping is done).

V1.10.05	
New Features	
Bug fixes	
	CFG-Tags and SYS-Tags,"Current CFG-Tags don't make the difference between configuration and dynamic system information. This tags differentiation is added (CFG-Tags and SYS-Tags).

V1.10.04	
New Features	
Bug fixes	

	String array in registry entry: When a string array is defined with a decimal value or with a decimal pointer value, the returned array index shall be limited to the max array size minus 1, in order to have a valid array pointer
	After Reopening S5Fetch Connection: No Answer to a S5Fetch request. After opening / closing / opening ... a S5-Fetch Connection, the plc is not answering to S5 Fetch requests.
	PLC Crash with S5-Access to not supported Media: If trying to read or write with S5 Fetch or S5 Write telegrams to not supported PLC Media (PI/PQ, Timer or Counter) the PLC crashes.

V1.10.01	
New Features	
Bug fixes	
	PCD xx7 WebServer start page display unknown ppo,"When the PCD start page is displayed with a xx7 platform, the system information (product, state, version) show ""ppo media unknown
	Web-Server2 xml file parsing support: The WebServer does not parse xml files for Tags with the syntax %%Tag%.
	Web-Connect does not display page: On some browsers any Web-Connect connection does not work. Accessing the Web-Server start page does start a file download.

V1.08.53	
New Features	
	PCD7R400 could be equipped with A29800 (Amic): The A29800(Amic) is now equipped the PCD7R400. → This is the only 1.08.xx firmware supporting the new PCD7.R400 modules produced after week 18 in 2010
Bug fixes	

V1.08.43	
New Features	
Bug fixes	
	Serial Line in Transparent Mode: Calling SFB13 doesn't return the number of Bytes in the recv Buffer. Calling SFB13(BRecv) with LEN=0, shall return the number of Bytes in the Recv buffer. The NDR-Flag shall only be set when at least one Byte is copied into the user buffer.

V1.08.33	
New Features	
Bug fixes	
	IP-Connection after AG_LRecv the AG_Recv is not receiving anymore: In the Systemtest the second IP Test was not working. Reason: After AG_LRecv the AG_Recv is Receiving a lot of nonsense Data's.

V1.08.30	
New Features	
Bug fixes	
	RK and DK are not sending with RS485 on Port 1 and Port 2.

V1.08.27	
New Features	
Bug fixes	
	S5 Fetch and Write over Ethernet are not answering. The plc is not answering to S5 Telegrams. The Connection is defined in the Net configurator.

V1.08.24	
New Features	
Bug fixes	
	SFC_244_ModemSig returns DCD und DSR invertet. The SFC244 returns the inverted DCD and DSR Signals. The Modemlib is not working correctly with these inverted parameters.

V1.08.19	
New Features	
Bug fixes	
	Serial port on PCD2.F5xx: On the serial ports with the PCD2.F5xx modules it can happen that the PCD is blocked.

V1.08.16	
New Features	
Bug fixes	
	OnBoard Counter Interrupt OB are not called. Configuring OnBoard Counter, the Interrupt OB will not be called after reaching the reference Value!

V1.08.12	
New Features	
Bug fixes	
	TCPIP Client: If a port is open as TCPIP client and the connection gives an error it is possible that a wrong port is closed if the close is called.

V1.08.08	
New Features	
Bug fixes	
	If the system is entered in FW-download mode from extern (Ethernet), the system is sometimes crashing while downloading the new FW. Entering the system in FW-download mode with the switch during power up, the FW-download is working correctly.
	RK512 Get Functionality with IPC Flag returns always Error (0x10). The Get Command (SFB 14) with IPC Flag: -> Slave Answers with an Error Code of 0x10. The Get Command (SFB 14) without IPC Flag is working.
	W745 only Channel 1 works correctly. Configuring a W745 Module, the readed Values form Channel 1 is correct. All other Channels return wrong Values.

V1.08.05	
New Features	
	Software WatchDog, Enable the Software WatchDog in every SAIA_NT system to supervise that the system still run correctly.
Bug fixes	

V1.07.27	
New Features	
	Integration of W525, New mixed analog module W525 is integrated in PBios
Bug fixes	

V1.06.26	
New Features	
Bug fixes	
	S-Web trending feature with slow connections fails (GSM, modem). The connection to a PCD with a S-Web trending application is cancelled (NAK). No trending data is display at all.

V1.06.16	
New Features	
Bug fixes	
	WebServer responses on all requests with an empty page.

V1.07.13	
New Features	
	t- Timer formatting accept h, m, s and new ms as parameter. The PDP interface was enhanced to accept H,M,S and MS as input.
Bug fixes	

V1.06.10	
New Features	
Bug fixes	
	Bios power down, Clear interrupt". The Bios should not stay in an endless loop in the clear interrupt.

V1.06.09	
New Features	
Bug fixes	
	UDP Sending remains on Busy after SendError. If several UDP Connection and an ISO Connection communicate in parralel, the UDP Connections remain after a wail on Busy. Only a Power off can fix the Problem.

V1.06.08	
New Features	
Bug fixes	
	Profi-S-IO Master does not reconect slave after a FDL bus error. If there is a bus error on the Profi-S-Bus network it can happen that the Profi-S-IO master does not reconnect the slave.

V1.06.02	
New Features	
Bug fixes	
	Serial Port 1 RS-485/RS-422 problem on PCD2.M48x. The Status of the COM Signal on the Port 1 of the PCD2.M48x was reverse!