

1 History

| Supported Plattformen | |
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| | PCD3.Mxxx7 |

| V1.10.32.6 04.12.2013 | |
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| New Features | |
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| Bug fixes | |
| | WebServer Changing the Default Start Page to be CI compliant. |

| V1.10.32.4 03.07.2012 | |
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| New Features | |
| | PLC_xx7 SFC 260 Funktion zum ändern der minimalen Zykluszeit während der Laufzeit. |
| | PLC_xx7 SFC261 Funktion die den OB90 abbricht, und direkt mit OB 1 started (minimale Zykluszeit wird nicht eingehalten.) |
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| Bug fixes | |
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| V1.10.32.3 27.04.2012 | |
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| New Features | |
| | BIOS Add new function BIOS_PowerOFF called from the CLR interrupt to power off correctly the PCD. Cache and SRAM are disabled and FW waits while CLR signal active. |
| | File System Implement SRAM pointer/value checks on Startup. Try to correct invalid information. |
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| Bug fixes | |
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| V1.10.32.2 14.01.2010 | |
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| New Features | |
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| Bug fixes | |
| | WebServer missing write DB only protection DB range protection is only for PLC medias, keyword must pass the test. |

| V1.10.32.1 | | 08.01.2010 |
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| New Features | | |
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| Bug fixes | | |
| | WebServer missing write DB only protection The WebServer configuration in the CDB for write only in a range of a DB was missing. Behaviour of the new WebServer: A Write Access of a protected Media returns the error message "value read only". On the old WebServer there was no error message. | |

| V1.10.32 | | 10.07.2009 |
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| New Features | | |
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| Bug fixes | | |
| | Web Server Status page not available. The status.htm page is not available and can therefore not be displayed. | |
| | "HTTP 404 File Not Found" while file system is compressing. While a flash device is compressing HTTP 404 status error (File Not Found) is responded. The file is probably on the device compressing - an new 503 Service Unavailable is issued. | |
| | Fetch/Write over Iso-on-TCP closed the connection after 10 s. The first Fetch/Write Telegramm will reset the timeout timer. The ISO Connection will only close if no Fetch/Write telegrams will be send during the timeout time. | |
| | MODBUS Serial Error handling if used in multi-master network. In case of wrong MODBUS serial network (.e.g. if two MODBUS masters are connected), a better handling of MODBUS processing shall be done. Especially, a FW crash shall be avoided. | |
| | MODBUS TCP Error processing MODBUS frames over TCP. When a MODBUS frame is not received completely or when 2 MODBUS frames are together in a IP buffer, it can lead to MODBUS processing errors and/or to PCD BERR/SWTO. | |
| | Modbus SFB parameter type modified The parameter "StartAddr" in the SFBs 492 (SendReadReq) and 493 (SendWriteReq) is changed from WORD to DINT for an easier use. Moreover, it is yet unified with the server SFB 503 (InitMap). | |
| | Web Server setvalues does return readonlyDone. When calling setvalues cgi command does not reponse "Done". An error message is prettached to the message. | |
| | Web Server HTTP Direct response: The requested URI was too long Any HTTP GET request send by an application longer than 2kB is rejected. | |
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| V1.10.17 | | 23.02.2009 |
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| New Features | | |
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| Bug fixes | | |
| | Profibus- Master Read the live-list was not working in Version 1.10.15. | |
| | PCD3.R600 For some SD 512 cards inserted in a PCD3.R600 devices and the PCD is powered OFF for a long time, the files on the SD cards were lost after a new power ON sequence. | |
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| V1.10.15 | | 23.02.2009 |
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| New Features | | |
| | DHCP/DNS development for xx7 platforms | |
| | Refer documentation: " IP Extensions for xx7.doc " | |

| V1.10.10 | | 09.01.2009 |
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| 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 remain. | |
| | only Know How Protected Function Blocks in Flash /S7Prog are visible. | |
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| V1.10.07 | | 12.12.2008 |
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| New Features | | |
| | FTPServer extensions The FTPServer shall be extended to support new commands, e.g. NLST, PWD, and SIZE. If changing two or more directory levels up in one command, the PCD is crashing. (Ex. cd ../..) If changing only one directory level up, no problems occurs. (Ex. cd ...) | |
| Bug fixes | | |
| | RTC 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 existent DB, the returned telegram does not comply with the telegram issued by a Siemens PCD. | |
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| V1.10.06 | | 28.11.2008 |
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| New Features | | |
| | Modbus OFF Development of a "Modbus OFF" function that enables the user to close a Serial Port | |

| V1.10.05 | | 25.11.2008 |
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| Bug fixes | | |
| | SFC 245 error with F2xx(x) modules When the user program is changing from one protocol to another or when the line parameters are changed, the SFC 245 (B_INIT) is returning an error. | |
| | Config device order Change the Config device order to Int, M1, M2, and SL0 to SL3. Internal Flash has the highest priority. | |

| V1.10.04 | | 12.11.2008 |
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| Bug fixes | | |
| | 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. | |
| | 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. | |
| | Increase ARP table size In the IP stack, increase the ARP table size from 32 to 255 entries | |

| V1.10.01 | | 16.10.2008 |
|--------------|---|------------|
| New Features | | |
| | Support MODBUS Functionalities Refer to related documents: “ FBs_Modbus_xx7_V3_1.pdf ” | |
| | Support New WebServer2 | |
| | Support New PPP functionalities See Documentation: “ PPP-User Manual.doc ” | |
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| Bug fixes | | |
| | Internal SRAM overflow if CPU crash If the CPU crash and make the log and the Stack are in the internal SRAM (interrupt) then it can happen that the stack log buffer wants to copy more bytes than the internal SRAM size and the CPU crash once again with a bus error. | |
| | Ethernet Interrupt processing in case of burst IP packets In case of the burst IP packets on the Ethernet, the PCD can not absorb all received packets, but the ISR is still trying to process them. This implies that | |

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| | the PCD is doing nothing else than Ethernet IT processing. |
| | File system format error When a file system is formatted, the FLASH is completely erased. During this operation, a process was still executed to check if the FLASH is present. During the FLASH erase, the check is returning as if the FLASH has been removed, the FLASH format check timer is killed, resulting in a deadlock in the format operation. |
| | File system asynchronous calls error when PCD restarts During a PCD restart (restart cold, program download), the asynchronous file system calls where not correctly finished, leading to inconsistent file system job state or PCD error. |
| | User delete of SRAM on system startup Added the possibility of User-delete SRAM at system startup from power-on. After a power-on hold the push button during system start until the run/halt LED is flashing red (4Hz) for around 4s. If the button is released in this section the SRAM will be deleted and the system starts like no battery and empty Super CAP. |
| | FTP connection problem when loading FTPConfig.txt with WEB-Builder project When an FTPConfig.txt file is part of the WEB-Builder project and the project is downloaded, the FTP server does NOT accept connection anymore. The parsing is done at start-up, but when a new (or same) FTPConfig.txt is loaded, the FTP server is not closed / re-opens correctly. |
| | Serial Line in Transparent Mode: Calling SFB13 doesn't return the number of Bytes in the receive 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. |
| | CAN Initialization routine error An error may be returned during the CAN OKI initialization if the CAN busy bit is high during the first call. In that case, no CAN SFB's are available. |
| | FTPServer Connection handling Depending on the FTP client (explorer / Internet explorer from Windows), the connection is not always properly closed, implying that the FTP session is kept open and used buffers are not freed. New sessions can NOT perform new connections for e.g. file list, file retrieve or file store because no buffers are available. |
| | FileSeek function does not handle correctly ReadOnly seek for DAS file For Direct Access File, the FileSeek function with the RW or RD_ONLY attributes crash if the file was open RD_ONLY. |
| | Memory overwrite by file system For unknown reason, the file system device block list can be corrupted. It can then happen that the asking for a new block provoke a memory write outside of the file system allocated memory. In the studied case, the interpreter was overwritten and a BUS_ERROR or INV_OPCODE error was raised. |

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