

Updates for the SmartDI™ Software package for all versions (for Windows™ / Office usage; Mini/Internat Datalogger; SmartDI™ Panel-PC etc.)

Notes:

- ! Corrected or improved
- !! Very important corrections.
- Removed item
- + New feature
- ++ Very important improvements.
- # Changes, that might be not compatible with former versions.

Version	Date	Note	Changes
V5.0.1500	04.01.07	! !	Calibration formula Capsum METS corrected Calibration formula O2 micromole <-> % corrected
V5.0.1502	15.01.07	! !	ADC LTC1290 on RS232 handshake lines works together (shares) with 2nd RS232 device RS232 handshake lines works independent as digital-IO lines with second RS232 device
V5.1.1510	06.02.07	!! ! ! !	Correction of GPS Position control, now working without false alarms in the harbour HydroC sensor measure raw voltage and internal temperature for high resolution tasks ASCII datafiles under remote control from user and PLC control device / event control ASCII datafiles save different acquire modes for different samplerates etc.
V5.2.1511	23.02.07	! + !	Graphic improved with new colour and menu set Graphic charts use different acquire modes for different samplerates etc. ASCII files corrected, save now with the sample time from the given acquire mode.
V5.2.1523	07.03.07	+ ! # #	Special start screen and task for industrial temperature controlling applications Calibration formula for Aanderaa OPTODE corrected: salinity now correct. Data transmission commands (telemetry file) over network now write into the subdirectory from the configuration path (e.g. C:\SDI\DATA\...) instead the root directory. Data transmission commands (telemetry file) over network now with file extension *.TEL instead of *.MSG. No more conflicts with MS Outlook mailing software.
V5.2.1525	26.03.07	!	Correction of NMEA output device data string. Zero values now handled correct.
V5.2.1528	19.04.07	+	New device Greisinger GIA10 / Keller EV94 industrial controller for RS485 / Easybus.
V5.5.1624	14.09.07	+ ! + + ++ ++ #	ASCII Logfiles complete new coded to give best storage performance. New filenames A[date][file].[no] and automatic features Some minor changes in the file manager and some other stuff New SPI interface for the ADC MAX186 (8 channels, 12 bit) via the parallel port implemented Power supply ELV / Voltcraft McVoice SNNT-4005PC and compatible types implemented. PCI support for e.g. legacy RS-232 interfaces implemented. ASCII Export of the internal Database in undefined size including statistical information's Complete new auto start mechanism and new (Windows®) environmental variables handling in a mySDI.BAT file.
V5.5.1640	21.12.07	+ + + + ++ ++ ++	Single traces in the RTG graphic can be suppressed / disabled Virtual channels will be installed automatically at the installation. The input Channels will automatically adjusted after the complete system start. New devices TriOS Mini-Flu's and complete actual list of all TriOS sensors. New devices ICP-CON MBUS/RS-485 i7021, i7022, i7024 DAC's with failsafe values Missing values (time holes) will filled with the last constant value: can now disabled HydroC™ sensors will be detected automatically at a given Comport. All versions. Compressed Telemetry FT Filetransfer of the internal database with export to ASCII files. New HydroC™ firmware V3 / 38400bps included
V5.5.1655	18.01.08	!!	New / extra Installation package working under Windows® VISTA in a 16-Bit emulator called DOSBOX. Reason: VISTA doesn't support the "full-screen-mode" which is

Installation			necessary for the real-Time-Graphic. Textmode still works.
		#	The SmartDI™ folder is now the Windows "systemdrive":\SMARTDI. It can be different to C:. The \SDI folder is now used only for the development software.