IWOXX ComTrace V.4.0 - Release Notes 13.12.2018 (ENGLISH)

C/R/I no.	Priority	Problem/Solution

Innovations, improvements:

C/R/I no.	Priority	Problem/Solution
CHG10012701	[3] High	You can now have ComTrace check for updates manually or automatically at program start on the IWOXX website. If a new update is available for your version, you can install it or reject it. Further information in the user manual!
CHG11111005	[5] Medium	The trigger range can now be minimized to enlarge the data display even on current notebooks with severely limited height and width. The control panel with recorder, display etc. has been combined to increase clarity.
CHG13031302	[9] Low	At program start and end a progress bar with step description is now displayed in a separate dialog window.
CHG13092402	[3] High	The trigger list now contains new function buttons to quickly activate, deactivate and reverse all triggers. This is useful to activate different trigger groups alternately.
CHG14051501	[9] Low	In the Recorder Panel there are now two new, snap-in function buttons "REPLACE" and "APPEND" for selecting whether new recording data replaces the current record file content or adds itself at the end. The same functions can be accessed via the main menu. This means that the recording can now be started immediately and there is no need to constantly query the dialog at every recorder start.
CHG17091401	[3] High	In the search module the search string can now be entered via ASCII, Hex or Bin including all control characters except the character HEX 0x00 (DEZ 0, CTRL-@). The grouping of the HEX and BIN values is done automatically for a better overview of the entered data.
CHG17091801	[5] Medium	The dropdown boxes for signal or error search and triggering have been replaced by radio buttons (Ignore,Low,High or Ignore/No/Yes) to improve usability.

CHG17091802	[3] High	There is now a new menu item or options dialog via ""Extras | Options"", which can be used to set parameters for various purposes:
		
		Program start
		- Start recording at program start
		  Automatic recording starts immediately at the start of ComTrace. Useful especially for unattended operation,
		  if, for example, the PC starts ComTrace via autostart after power-on, reboot, etc..
		- Display on HOLD at program start
		  In the case of unattended operation or extremely low-power mini-PCs, the refresh of the data display can be
		  are hereby suppressed. If required, the new function button ""HOLD"" can be used to suppress the in the view panel, the frozen
		  state can be lifted.
		
		Display
		- surface style
		  Select the desired theme for the ComTrace surface (light/dark, different colours).
		  The item has been moved here from the main menu.
		
		Interface
		- Com A/B Setting
		  Since the interfaces used by ComTrace for data recording are normally not changed continuously
		  and to avoid incorrect settings in the main window, the setting has been moved to the Options dialog.
		  There is a new function button ""Com A/B:"" in the Lifeport/Settings area of the main window to quickly and directly
		  to reach.
		
		Update
		- Check for updates at program startup
		  Here you can set whether ComTrace automatically checks for updates for your version on the IWOXX website at program start.
		  to look up. If one is available, you can decide whether to download it and install it.

REQ16112202	[3] High	Das Event/Statistics-Fenster wurde abgelöst und die nicht redundanten Teile in die Statuszeile des Hauptfenster übernommen. Alle Informationen wurden nun im Hauptfenster konzentriert.
REQ16112801	[3] High	Neue HOLD-Funktion: Nun ist es möglich, das Datengitter während der Aufzeichnung einzufrieren. Desweiteren kann beim Start von ComTrace automatisch die Aufzeichung gestartet werden und/oder der Bildschirm während der Aufzeichnung eingefroren werden. Dies ist für leistungsschwache PCs/Embedded Computer notwendig, die z.B. in unbeaufsichtigten System laufen oder nach einem Reboot des PCs aus der AutoStart-Gruppe gestartet werden muss.
REQ17091301	[9] Low	Das Live-COM-Port-Fenster wurde abgelöst und die Einstellungen bzw. LED-Anzeigen für Daten, Signale, sowie COM A/B Settings - Baudrate, Datenbits, Parity, Stopbits in das Hauptfenster verschoben. MIt den KNöpfen neben den Feldern sowie den Maustasten können die Werte verändert werden: - Linke Maustaste - Value UP - Rechte Maustaste - Value DOWN
REQ17091302	[9] Low	Report window - Printer name field was extended and the printer selection button was adjusted (moved).

Resolved issues:

C/R/I no.	Priority	Problem/Solution
INC11072203	[9] Low	On n-core machines, a CPU definitely runs at 100% by ComTrace. Fixed. Display refresh thread implementation corrected.
INC13021801	[9] Low	If a used record file was no longer available when starting ComTrace, an exception occurred. If the record file cannot be found at startup, it will be re-created.
INC13031301	[9] Low	After switching the skin, the status line is empty. The status bar has been replaced by a suitable panel just below the data grid. The display of this data near the data grid is also more ergonomic.
INC13101502	[9] Low	New icon 120 x120 pixel introduced for Windows 8/10.
INC15011201	[9] Low	Print report dialog covered any printer dialogs. Fixed!

INC17020201	[2] Critical	With display Rel/Delta, only days (0) were displayed and with export, the delta time in the CSV was always 00:00:00,000000.
INC17020202	[5] Medium	Empty events were partially represented between the received characters. The reason is interference peaks on the line which caused a triggering in the receiver thread.
INC17020203	[2] Critical	The timing at and between received characters has been greatly improved.
INC17091201	[2] Critical	When exporting with ABS time, the export is empty.
INC17091202	[3] High	In the Export, Report and Goto windows the sliders were not set correctly if you changed the numbers in the field before! Spin buttons did not work properly. These were replaced by normal buttons.
INC17091302	[9] Low	Append/Replace setting was not saved and loaded at startup.
INC17091901	[2] Critical	In the Info dialog the version number is not displayed but 0.0.0.0! Corrected!
INC17101201	[3] High	If the ComTrace.ini file was missing, an EAccessError was output. The program did not start. On PCs with admin restrictions the installation was written to the admin's roaming. If the normal user wanted to start ComTrace, he had no access to the INI and other files anymore.
INC17113001	[3] High	At the first start of ComTrace after installation the message "List index outside the valid range (-1)" appeared. The reason was a wrong port list index of ComB. This also happened if no COM port is installed in the system. Now, depending on the situation of the COM ports, corresponding messages are output.