Ultrasound Solutions

SDT TankTest Reporter

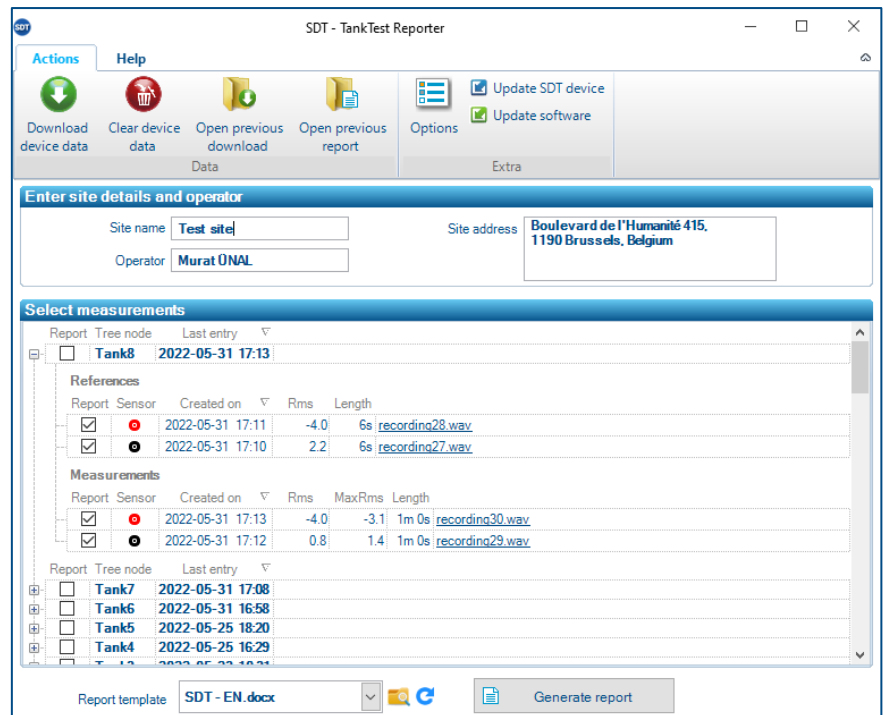**Current version:** 1.2.2004

Main features:

- Download SDT270 and SDT340 TankTest data
- Generate Tank Test reports (editable docx files)
- Customized report templates
- Data download history
- Update SDT270 and SDT340 firmware

Supported operating systems:

- Windows XP
- Windows 7
- Windows 8
- Windows 10
- Windows 11

Supported architectures:

- 32 bit
- 64 bit

Modification history

Version 1.2.2004 [released on 23rd of May 2023]

- Handle SDT340 new database.

Version 1.2.1999 [released on 17th of February 2023]

- Fixed a compatibility issue with the SDT270 during data download.

Version 1.2.1993 [released on 15th of February 2023]

- Update translations.
- Handle SDT340 new database.
- Handle new TankTest sensors (not atex for SDT340).

Version 1.2.1969 [released on 26th of August 2022]

- Update user manual in English, French and Dutch.

Version 1.2.1955 [released on 14th of July 2022]

- Fix spelling error in "SDT – IT" template.

SDT International sa-nv • Bd de l'Humanité 415 • B-1190 Brussels (Belgium) • Tel: +32(0)2 332 32 25 • email: info@sdt.be
SDT North America • 1532 Ontario Street, Cobourg, ON • Phone: 1-800-667-5325 | 1-905-377-1313 • email: info@sdthearmore.com
www.sdtultrasound.com

Version 1.2.1951 [released on 05th of July 2022]

- General improvement.

Version 1.2.1934 [released on 14th of June 2022]

- The new software name is SDT TankTest Reporter instead of SDT270 TankTest Reporter.
- Compatibility of the software with SDT340.
- With SDT340:
  - Possibility to listen all downloaded wave files.
  - Check of the compatibility between the software and the SDT340.
- New template for the report in French, English, Italian and Dutch for SDT270 and SDT340.
- The elements in the report document are locked and just few are free for the edit.
- SDT340 update via the SDT TankTest Reporter.
- Adding new splash screen.
- Adding new translations.

Version 1.2.1412 [released on 14th of June 2017]

- Adding new logo
- Adding new splash screen
- Upgrade infragistics
- Setup, application.exe and dll are digitally signed.
- Updating setup banner pictures.
- Updating reports

Version 1.2.1357 [released on 14th of November 2016]

- Fix assemblies version problems
- Upgrade control to infragistics v16.1

Version 1.2.1296 [released on 25 of February 2016]

- Fix an assembly error raised while device's data are downloaded.

Version 1.2.1227 [released on 20th of March 2015]

- Fix for occasional file transfer problem on Windows 8.

Version 1.1.1226 [released on 11th of March 2015]

- TankTest Reporter can now be set in Italian (via the Options menu).
- Technical upgrade (.NET Framework 4.0)

Version 1.1.1198 [released on 30th of January 2015]

- Changed TankTest report templates: legend labels (measurements / reference / safety limit) are now editable.
- Includes DynamicUpdate v5.0.1197 which allows kernel/fpga updates of MK1 devices beyond versions 1086/378 (incl. FPGA 3077 = 377).

Version 1.1.1175 [released on 26th of November 2014]

- Fix: error occurs when clicking the Open previous report menu button while no reports where generated yet.
- Fix: if you change the sort order of the TankTest grid's test names column, the names were ordered textually, without respecting the test number sequence.. This made e.g. Test 20 to preceed Test 3.
- Contains fixed empty TankTest database. This is uploaded to the device when performing the Clear device data action). Previous versions of the TankTest firm- & software contain an faulty tree node structure:
  - Certain ref/test nodes have a wrong test type key (Ref / Test). This problem does not occur for the first 19 test nodes.Starting from the "Test 20", the problem starts and is repeated with a certain interval.
  - Some "Test" nodes were missing: for Test 20, 39, 57 and 76. In these Test nodes, the storage of test measurements was not possible.

Version 1.1.1137 [released on 28th of July 2014]

- Compatibility update for new SDT2xx MK2 devices (prevent incomplete file transfer)
- Refactored SDT2xx driver installation & device connection check
  - Now we first check if the device is connected; only if it's connected we can safely check the used driver.
- Restyled look & feel
- **Update SDT270:**
  - Fix: force update option was activated due to a incorrect compatible DB check
- Added missing translations in Italian report template (dropdown fields)
  - Template migration logic: existing template is not deleted, but backed up. This allows the user to easily recuperate potential customizations in the template file. The user is warned with a popup message if such a template migration occurs.

Version 1.1.1097 [released on 16th of May 2014]

- **Uninstaller**:
  - Clean up .InstallState of driver installer, so program directory can be removed.
  - Added SDT icon to the add/remove programs entry.

Version 1.1.1084 [released on 5th of May 2014]

- **SDT2xxDriverInstaller**:
  - Auto perform SDT2xx driver detection after driver installer is closed.

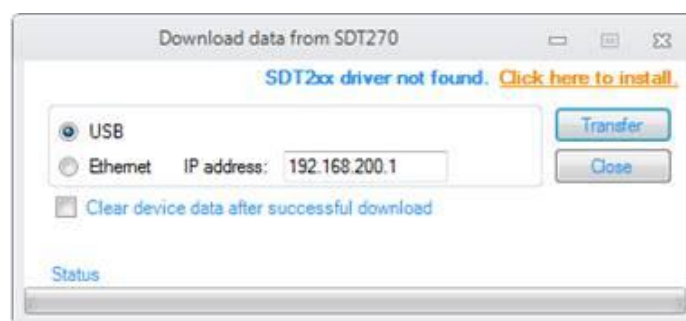## Version 1.1.1081 [released on 29th of April 2014]

- **Report**:
  - When no test measurement selected for black/red channel, then the SDT270 and Sensor S/N was empty on the report. Now, as a fallback, this information is fetched from the reference measurement.
  - If no test or reference measurement selected for a channel, then the report will shown "/" for the SDT270 and sensor S/N + measurement and reference timestamps (instead of "").

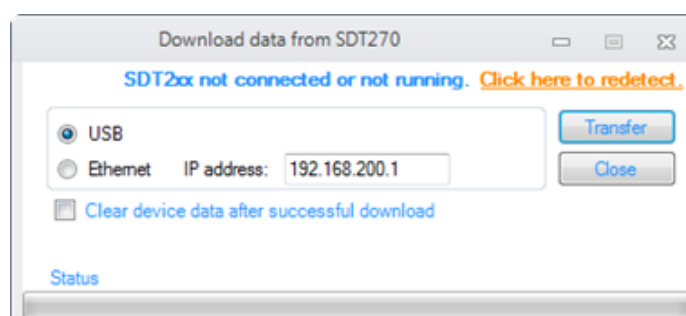## Version 1.1.1019 [released on 27th of March 2014]

- **Data download**:
    - Handle case when TankTest database not on device.
    - Improved compatibility check: if no TankTest database on device or if the database cannot be read (e.g. file size = 0).
        - If firmware is too old, but the database version OK (situation that can occur when you clear the data of such a device without updating it), then download continues (also in previous version) but the user is prompted to update his device (new in this version)
    - Download process now shows the name of the files that are downloaded.
- **SDT2xxDriverInstaller**:
    - Included SDT2xxDriverInstaller 1.2.0 : shows a warning messagebox if the user does not have administrative privileges.
- **SDTDynamicUpdate:**
    - Fix: the database version check crashed if the device does not contain the database being checked for (or if it cannot be read from; e.g. file size = 0).
- Excluded none-TankTest dynamic measurements.

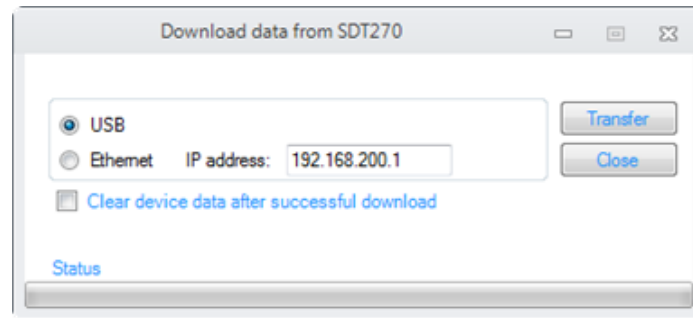## Version 1.1.1018 [released on 18th of March 2014]

- Included **SDT2xxDriverInstaller**
    - TankTest Reporter now checks if the computer has the new SDT2xx driver installed. If not, the user gets alerted.
    - This check occurs after the installation of the TankTest Reporter and every time when the user is about to connect to the device:
        - Download data from SDT270
        - Clear device data
        - Update SDT270
- The user is not forced to install the driver, he can ignore the warning.
  If he wants to install the driver, he just has to click the link (note: the installer is included in the software; it is not downloaded).
- As an extra feature, in a similar way, these forms also alert the user if he did not yet connect his SDT270 to the computer.

Screenshot: SDT2xx driver not installed

Screenshot: SDT2xx driver installed but device not connected

Screenshot: SDT2xx driver installed and device connected

Screenshot: SDT2xx Driver Installer

- Implemented **incompatible FPGA detection**

- Fix: SDT270 and TankTest software update did not work (missing file in setup)
- Added Italian report template
- Updated translations
- Minor bug fixes
- Restyled look & feel