Trac-Check 4.8

Trac-Check 4.8 - Build 21 (05.11.2026)

- Integrated new TracMan version into the installer (1.8.127.32542)
- Maestro IFC: reworked connection procedure
- Maestro IFC: make sure volume is the same in the software for each machine of the same type

Trac-Check 4.8 - Build 20 (29.10.2026)

- Integrated new TracMan version into the installer (1.8.126.32540)
- Maestro IFC: reworked connection procedure
- Maestro IFC: make sure volume is the same in the software for each machine of the same type
- Laser position measurement: minimum distance to laser was not considered correctly in all cases
- 230-2/6, settings window: device uncertainties were not assigned correctly in any case
- 10360, ball measurement:
    - Allow measurement routine for Maestro IFC, too
    - Added input of reference sphere parameters (uncertainty, serial number)
    - Reworked XML file output, now giving out additional reference sphere information here, too
- Hysteresis measurement: device constants were not handled correctly
- Determination of correction values: in some cases, indices were set incorrectly, which lead to an error when reopening the result window

Trac-Check 4.8 - Build 19 (31.03.2026)

- Integrated new TracMan version into the installer (1.8.115.31529)
- Deactivated automatic software update, server not available anymore
- ISO 10360: reworked line percentage fulfillment checks
- ISO 230-2/6:
    - Show workpiece sensor temperature in edit line window
    - Added workpiece sensor temperature to report

Trac-Check 4.8 - Build 17 (19.01.2026)

- Integrated new TracMan version into the installer (1.8.113.31396)
- Maestro: added new user and adapted reading of the strokes

Trac-Check 4.8 - Build 15 (25.08.2025)

- Integrated new TracMan version into the installer (1.8.107.30821)
- Machine interfaces:
    - In some cases there were errors during connection procedure due to missing parameter in some interfaces.

Trac-Check 4.8 - Build 14 (15.01.2025)

- Integrated new TracMan version into the installer (1.8.96.29926)
- Several changes for Maestro IFC
- Heidenhain Plugin: Start had to be pressed twice on controller

Trac-Check 4.8 - Build 13 (19.06.2024)

- Integrated new TracMan version into the installer (1.8. 89.29123)
- Integrated new Japanese language pack.
- Fixed error in tilted mirror measurements, did not work when calling routine again after aborting laser position measurement
- Make sure device constants are read when starting the software

Trac-Check 4.8 - Build 12 (04.12.2023)

- Language:
  Integrated new Japanese language pack.

Trac-Check 4.8 - Build 11 (22.11.2023)

- See Build 10

Trac-Check 4.8 - Build 10 (13.11.2023)

- Integrated new TracMan version into the installer (1.8. 71.27873)
- Machine interfaces:
    - Siemens: added option to use different command prefixes for Trac-Cal and Trac-Check
    - Heidenhain: added new DNC installer 1.7.3
- Manually guided measurement: fixed error in window update routine

- Laser device selection: added constraints to e.g. maximum length as well as uncertainties depending on the laser device selected
- 10360 / 230-2/6 / VDI: reworked line generation to consider minimum and maximum length depending on selected laser device
- 230-2/6: reworked usage of EDS temperature sensors
- Fixed error in connection of Sios LCS
- Fixed error with Windows Update 22H2 for Windows 10
- Fixed problems with display of XPS documents
- Integrated usage of Testo V3 base unit

Trac-Check 4.8 - Build 9 (30.11.2022)

- Integrated new TracMan version into the installer (1.8.52.26038)
- Fixed error in CNC generation for Heidenhain online measurement in application 230-4
- Fixed error in opening result window for the automated measurement in application 230-2/6
- Fixed error in line generation for the automated measurement in application 230-2/6
- Fixed error in line result calculation for the automated measurement in application 230-2/6
- Fixed error in line generation when loading configuration file for application 10360
- Added option to use the LaserTRACER NG's material sensor for correction in application 230-2/6
- Added new option for EDS connections: SIOS sensor box (requires additional hardware)

Trac-Check 4.8 - Build 8 (13.05.2022)

- Integrated new TracMan version into the installer (1.8.46.25118)
- Enabled dynamic measurement without planned lines for X-AX Laserbar
- Automated measurement: enabled option to stop the measurement before a selected position
- Circular test, circle segment generation: fixed error in generation for XZ and YZ planes
- Application 230-2/6, temperature usage: included storage and usage of the material temperature sensor
- Application 10360: fixed error in opening result window of the sphere measurements
- Application 10360: extended data export
- Siemens Online interface: integrated selection of axes names to read 3D position for
- Fanuc Online interface: the feed factor for rotary axes can now be set through configuration file
- Starting LineMAN caused error if it was not done within a certain time span

Trac-Check 4.8 - Build 6 (19.11.2021)

- Integrated new TracMan version into the installer (1.8.37.24078)
- Added new Dongle Runtime to installer
- Siemens Online Interface
    - Make sure Parameter to move the machine is set on controller
- Error map, Siemens CEC: added option to output data in imperial units
- Optional additional export path for CNC files when loading config: in case path is no longer existing, ask user what to do instead of just deleting it
- Fixed error in switch between applications ISO 230-2/6 and ISO 230-4 with connected X-AX Laserbar
- Automated measurement: reworked Siemens backlash compensation
- Automated measurement, result GUI: fixed error in display of the range of the values to be compensated (wrong units displayed)
- Automated measurement: fixed error that occurred when stopping the measurement before the completion of the first line

Trac-Check 4.8 - Build 5 (06.10.2021)

- Integrated new TracMan version into the installer (1.8.33.23802)
- Siemens Online Interface
    - The functionalities for creating and copying subprograms to the controller failed in some cases.
- Leica LMF Interface
    - The stable probing measurement routine was not functioning anymore due to missing handling of the work piece temperature.
- MultiLine TCP Server Interface
    - Made sure that the temperatures of the environment data system are used if one is connected.
- Heidenhain Interface
    - Enhanced error handling.
- Automatically measurement – Results window
    - Position errors – Show the range instead of the absolute max value (can be changed by user)
- Etalon LaserTRACER Interface
    - Reactivated the option to read out angular positions of the motor controller.
- Testo Saveris Interface
    - Write necessary parameters into the Windows registry during the installation for 32 and 64bit applications.
- Zeiss Caligo Interface
    - The number of machine positions to read during measurement time shall be 10 as default.
- Zeiss Calypso Interface
    - Fixed error when reading the machine serial number (use CMMNr() or CMMSerialNumber() dependent on the CMMOS version).
- Dongle option software anonymization

    - Make sure the user defined icons and images truly exist before trying to load them. Otherwise use default settings.
- Activated the Hexagon Common machine interface (for 10360 and 230-2/6).

Trac-Check 4.8 - Build 4 (03.09.2021)

- Integrated new TracMan version into the installer (1.8.27.23619)
- LineCal / MultiLine
    - The generation of the names for the space diagonals failed in some cases.

Trac-Check 4.8 - Build 3 (19.08.2021)

- Integrated new TracMan version into the installer (1.7.97.23549)
- 230-4
    - Reworked measurement point generation
- Automatic measurement, Siemens
    - Add option to use backlash with 50%
- General
    - Fixed general window error

Trac-Check 4.8 - Build 2 (23.07.2021)

- Integrated new TracMan version into the installer (1.7.95.23467)
- 10360
    - Mirror line generation
        - Used wrong axes limits respectively wrong consideration of reflector offset when generating the line
- 230-2/6 automatically measurement
    - Main window
        - The selection of the “Auto” panel was not always possible
    - Heidenhain compensation
        - Added option to consider backlash through controller parameter instead of com table
    - Siemens compensation
        - Check for complete data when loading older configuration files
        - Enhanced error handling
    - Export results
        - Enhanced error handling
    - Measurement
        - Enhanced error handling (when measurement was aborted manually or through measurement errors)

        - A connected environment data system caused errors during the measurement
        - Fixed index error after measurement was aborted
    - Edit line window
        - Made sur the right start point if plotted for combined lines
    - Errormaps
        - Added the option to cancel the creation of the errormaps
- VDI 3441
    - Adde the option to define fixed spaces between the measurement points
- 230-4 automatically measurement
    - Enhanced error handling
    - Due to the new design of the LaserBar the position measurement is only movable in the laser plane
- All applications (except 230-2/6)
    - The report layout window could not be opened anymore
- Interfaces
    - Zeiss Caligo
        - Added option to change the feed in the settings
    - LineMan
        - The LineMan was started twice when connecting to the LaserBar
    - LineCal
        - Added the option to export existing data set to text file
        - Added the option to assign tolls to lines when reading the new data file
    - LaserBar
        - Standstill and movement detection did not work properly in some cases
- Load configuration files
    - Enhanced error handling
- Online measurement, automatic adaption of threshold standstill
    - Do not perform the automatic adaption in case of timeout due to not enough machine positions captured

Trac-Check 4.8 - Build 1 (01.04.2021)

- RELEASE VERSION