

BuildIT 2017 SP2 Releases Notes

Installation Notes

In order to install all the associated drivers properly, right-click on the setup file and select “Run as administrator”.

This installation does not overwrite installations of previous versions. You may continue to use any previous version alongside this one.

Contact us if you have any questions regarding versions and licensing.

System requirements

	Minimum	Recommended
Processor	Intel Core2 or equivalent	Intel Core i7 or equivalent
Operating system	Windows 7, 64-bit	Windows 10, 64-bit
Memory (RAM)	2GB	16GB
Disk space	1GB free for program files	250GB or more
Graphics card *	512MB OpenGL 2.1 (released in 2006)	nVIDIAQuadro (preferred) or AMD FirePro

We recommend updating the video driver to the most recent released version from the manufacturer website.

Enhancements and Problem Fixes

2017 SP2

Enhancements

BITS-4440 Added Spanish translation

Problem Fixes

BITS-4513 Fixed an issue where attempting to import CAD models with "infinite" geometry would fail

BITS-4463 Fixed an issue in Inspect Geometry with Leica LTDxxx, AT901 and AT40x trackers and missing real-time deviations

BITS-4480 Fixed an issue in the API OmniTrack and Radian brokers giving incorrect level plane measurements

BITS-4373 Fixed an issue in Auto-associate where some points could be incorrectly associated in some specific cases

BITS-4402 Fixed an issue with the laser tracker brokers not holding the last position in the DRO when breaking the beam

BITS-1900 Fixed an issue with Leica laser trackers where the T-Probe information was sometimes not immediately updated

2017 SP1

Enhancements

BITS-3756 Added quantitative feedback in message bar for datum-based alignment

BITS-4279 Added an report template for collecting data for SPC systems

Problem Fixes

BITS-4339 Have connection errors raise errors in automated processes

BITS-4345 Fixed the level plane command using the API Omnitrack2 laser tracker

BITS-4273 Fixed surface profile tolerances creation directly on freeform surfaces (no existing feature) which was failing

BITS-4282 Fixed a crash when attempting to create a distance annotation between two coordinate systems

BITS-4238 Fixed the alignment method for positional tolerances without DRFs from DML to be "None - GD&T Standard"

BITS-4237 Fixed the use of the proper cylindrical axis for point features imported from DML

BITS-4308 Fixed the FARO Tracker simulator

BITS-4332 Fixed the used of a slow double-click for renaming manager and report tree items

2017

Enhancements

BITS-4026 Added support for FARO VantageS laser tracker

BITS-3844 Added support for FARO VectorRI laser radar

BITS-3660 Added support for Leica TPS Total Stations

- BITS-1145 Enabled automatic evaluation of GD&T tolerances
- BITS-1136 Enabled automatic creation of features from geometry, when needed, when defining tolerances
- BITS-3999 Added a "Edit: Clouds: Edge Detection" command to find and associate edge points to circles and lines
- BITS-3277 Added a "Edit: Mesh: Simplify" command to reduce polygon counts in large meshes
- BITS-3801 Added a "Construct: Surface: Sweep" command to create surfaces from curves
- BITS-3791 Extended the "Construct: Point: Line-Line Intersection" command to work with any curves
- BITS-3972 Added support for the German language
- BITS-3973 Added support for the Chinese language
- BITS-3974 Added support for the Japanese language
- BITS-3869 Improved the performance of the Bundle Registration when used without associations
- BITS-2294 Improved PMI import from Solidworks models
- BITS-3954 Added an option in FARO Vantage broker to select the F12 behaviour (home/search/...)
- BITS-3348 Added support for positional tolerances on a plane feature (ISO-1101)
- BITS-3444 Added an "Apply to a copy" option to the Construct: Cylinder: Extend command
- BITS-257 Enabled editing of a feature's associated geometry
- BITS-3370 Added a highlight for selected annotations, features and tolerances
- BITS-3441 Added a setting to change the logo in the new entity-based reports
- BITS-3927 Added information about the active axes, weights and constraints in an aligned device's note
- BITS-4004 Added support to PROPERTY queries of inspection/distance/angle annotations in processes
- BITS-3810 Improved the resolution of the shading used for "Shaded disc" point representation
- BITS-3349 Added support for Position tolerances without DRF (ISO-1101)
- BITS-3745 Added a highlight of deviations relative to the bundled point's uncertainty.
- BITS-3978 Added a new SEARCH function for building entity lists in processes
- BITS-3526 Enabled re-ordering of the tolerances in a feature callout

Problem Fixes

- BITS-4008 Fixed an issue when importing a process in another process where the steps would be in the reverse order
- BITS-3937 Indexes for small clouds (<255 points) should now follow the measurement order
- BITS-3564 List of nominal entities not saved properly when Best Fit command is edited in the process editor
- BITS-3471 Inspect Fit Points does not initially display the actual scale of the device
- BITS-3581 Fixed an issue with reports where links to external files containing spaces did not work
- BITS-3536 Fixed an issue where "User form (xlsx)" reports did not work with Excel 2013
- BITS-2058 Fixed an issue in Record Shape: Circle where the options were not always persistent
- BITS-4076 Improved the resulting fit for open and rectangular slots for some marginal cases
- BITS-2990 Spreadsheet info not being displayed when the Spreadsheet is pinned
- BITS-3959 Fixed the bundle registration where the RMS and MAX deviations were not stored in the device properties
- BITS-3661 Made the filter for the anchor point in Text Annotation persistent

