

BuildIT 2017.5 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	10GB 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

2017.5 SP2

Enhancements

BITS-5363 Added access to the active device's temperature in automated processes

Problem Fixes

BITS-5275 Fixed the opening of a file from double-click taking twice as long to open

BITS-5277 Fixed inspection annotations with incorrectly applied active CS rotation

BPRJ-161 Fixed exporting to the RayTracer database with layers with accented or non alphanumeric characters

2017.5 SP1

Enhancements

BITS-3975 Added support for FARO Quantum S arm

BITS-5128 Added support for locking the cylinder/circle orientation in measurement commands

Problem Fixes

BITS-5070 Feature deviations in spreadsheet are always displayed in meters

BITS-5092 Missing fonts from the installer

BITS-5230 Some in-tolerance points show up in red in deviation analysis reporting

BITS-5152 Leica AT9x0 tracker - Probe not selected properly after connection

BITS-4794 Crash when playing another process after a step-by-step play

BITS-5174 The default coordinate system name is empty for Level Plane

BITS-5228 Geometry Inspection Report has some weird code next to the Geometry name

2017.5

Enhancements

BITS-307 Add support for the ISO co-axiality tolerance

BITS-513 Add Support for FARO TrackArm

BITS-3738 Add Flush and Gap analysis

BITS-3900 Add a Construct: Point: Curve Grid command

BITS-4177 Add Construct: Curve: Edge command

BITS-4249 Add support for Importing SolidEdge models

- BITS-4544 Add Italian translation
- BITS-3120 Display subprocess variable name and description in Process Editor
- BITS-3962 Add support for displaying nominal and actual coordinates for Surface and Curve Inspection Annotations
- BITS-4407 Add contextual menu option to create rainbow analysis on any surface with associated measurements.
- BITS-4541 Use the incidence vector stored in the cloud's IJK to determine the direction of the shaded normals
- BITS-4759 Only show branches in the Manager if they contain children
- BITS-4785 Create diameter tolerance automatically after measuring with Inspect 2D/3D hole
- BITS-4786 Add a new tab Features in Spreadsheet
- BITS-2182 Improve the normal direction guessing for record shape
- BITS-2552 Add the ability to modify associated objects visibility state by MMB
- BITS-3657 Have an additional phantom curve style
- BITS-3936 Add support for while loops in automated processes
- BITS-3949 Improved device brokers to minimize CPU usage
- BITS-3955 Made the search in object manager case-insensitive
- BITS-4050 Replace the row selection by cell selection for the Spreadsheet
- BITS-4141 When adding Nominal geometry to the entity-based reporting, include associated Actuals
- BITS-4201 Create actual uncertainties envelope when performing network bundling.
- BITS-4392 Improved performance of Datum-Based alignment with neutral datums
- BITS-4589 Reorganize toolbars to be workflow-centric
- BITS-4860 Add the ability to import LSPROJ files from SCENE
- BITS-2964 Allow deleting a selection of multiple operations in Process Editor
- BITS-4438 Sorting by Type in the manager will now sort single points and clouds separately
- BITS-4545 Add message bar feedback after updating a saved view
- BITS-4886 Use current file name as default MEA export file name

Problem Fixes

- BITS-1615 Point names not always imported from STEP files
- BITS-4069 Probe offset is not applied when importing individual points
- BITS-4255 Report generation issues caused by missing Arial Unicode font
- BITS-4325 FARO Vantage broker not ready while Camera Search failure popup is displayed
- BITS-4328 Clicking another command after modifying a parameter in process editor loses the edit
- BITS-4372 Cannot export cloud with non-ASCII characters in name
- BITS-4421 Fixed a regression which caused some points in a cloud to be projected to the wrong surface during analysis.
- BITS-4629 Search in Object Manager sometimes falling in infinite loop
- BITS-4845 Reports don't support surface deviation analyses that have same-sign tolerances
- BITS-4930 Missing groups per body/solid when importing a DWG model with anonymous solids/surfaces
- BITS-1478 Fixed an issue with curve needles not taking the probe radius into consideration

- BITS-3572 "Play step" will sometimes play multiple steps
- BITS-3637 Inspect Fit Point with Auto Alignment does not record the suppressed axes of the last point
- BITS-3918 Reported actual value for Surface Profile is wrong if all deviations are negative
- BITS-4228 Models grow significantly in size after model-wide transformation
- BITS-4298 Reports cannot include image when pathname contains single quote symbol
- BITS-4530 Annotation transformed twice when imported in specific CS
- BITS-3998 Breaking the beam while focus is on the Name field resets the name