



DISCUS Desktop 2023 U1 Release Notes

This Version: DISCUS Desktop 2023 U1 (v12.3.0)
Previous Version: DISCUS Desktop 2022 U1 (v12.2.0)
Release Date: February 16th, 2023
Release Type: Major

FEATURES

- Implemented the new IDA™ Document Queue Manager feature. This feature allows a user to queue an unlimited amount of drawings for IDA™ pre-processing. Documents in the queue will automatically process in the background when DISCUS Desktop is running.
- Enhanced IDA™ detection and recognition capabilities. IDA™ has continued to evolve and provides more accurate results than ever before.

OTHER ENHANCEMENTS

- Implemented support for the most current 3D model formats in DISCUS 3D
- Implemented beta support for non-English language packs installed on the operating system
- Added a warning dialog when locking characteristics when using the New Drawing Revision feature
- Improved IDA™ recognition of lowercase text
- Improved IDA™ detection of surface roughness requirements
- Improved IDA™ detection of requirements that are specified as multiple places
- Improved IDA™ detection of flag notes
- Improved IDA™ detection of stacked limit dimensions
- Improved IDA™ detection of feature control frames which have inconsistent spacing
- Improved IDA™ detection of requirements which are related to each other using the “X” character; ex. [Chamfer Size] X [Chamfer Angle]
- Improved IDA™ detection of the “1” character
- Improved IDA™ detection of reference requirements
- Improved the user experience when adding .stp models to the TDP when using DISCUS 3D
- Reduction in IDA™ false positive candidates
- Improved certain user interfaces in DISCUS 3D
- Implemented a spinner control for the Places field in characteristic properties
- Enhanced the user experience when navigating Characteristic Properties using the keyboard
- Added a property to the Net-Inspect validator to check for the maximum value of custom fields in the TDP



BUGS

- Fixed a bug which caused the “Exclude Image Requirements” feature to not function as expected unless it was cycled multiple times prior to export
- Fixed a bug which caused DISCUS 3D to ignore some default Balloon Properties
- Fixed a bug where the Select Requirement Image Mode was not available if IDA™ pre-processing was not completed on the drawing
- Fixed a bug which caused PDF export issues if the drawing contained multiple drawings and a 3D model
- Fixed a bug which caused exported text markup annotations to appear larger in the exported PDF than they appeared in the Drawing Panel
- Fixed a bug which caused IDA™ to fail if the default data type for any characteristic type was set to “Tolerance Designator”
- Fixed various bugs related to the rotation of requirement images in Characteristic Properties
- Fixed a bug which caused errors when a requirement allowed for a passing result value that was equal to or less than zero
- Fixed a bug which caused the leader line to appear in an incorrect location for characteristics created using the measuring tool in DISCUS 3D
- Fixed a bug which caused the leader line to appear in the incorrect position for characteristics created with a .stp model
- Fixed a bug which caused duplicate section rows in DISCUS 3D
- Fixed a bug which caused errors when changing the measuring system in DISCUS 3D
- Fixed a bug which caused the Location field to display no data until a new view was created in DISCUS 3D
- Fixed a bug which caused the Zoom and Center actions to not perform as expected in DISCUS 3D
- Fixed a bug which caused a corrupt PDF when using the “Export open drawings to single PDF” feature
- Fixed a bug which caused the Signature Image token to not dynamically relocate on the exported .xlsx file
- Fixed a bug which prevented the BoC from auto-scrolling to the requirement selected in the Drawing Panel
- Fixed a bug which prevent the context menu from displaying in the model panel in DISCUS 3D if a .stp model was loaded
- Fixed a bug which displayed inconsistent status counts for characteristics which had an empty result value
- Fixed a bug which caused aspect ratio errors when opening a TDP that contained a drawing which had been rotated
- Fixed a bug which caused the drawing to be closed in the drawing panel after using the Locate Drawing feature
- Fixed bugs in the Net-Inspect validator relating to the maximum value of some TDP properties



- Fixed a bug which could cause DISCUS to become non-response when certain types of PDF files were added to the TDP
- Various additional minor bug fixes
- Various corrections of typographical errors and terminology