



DISCUS Desktop 2022 U1 Release Notes

This Version: DISCUS Desktop 2022 U1 (v12.2.0)
Previous Version: DISCUS Desktop 2022 (v12.1.0)
Release Date: October 4th, 2022
Release Type: Minor

FEATURES

- Overhauled the user experience when manually ballooning. DISCUS IDA™ will now return a single characteristic per snap rectangle rather than suggesting multiple candidates when more than one requirement is detected in the region specified
- Implemented a Manual Balloon Mode control in the main toolbar, allowing the user to specify if they are manually ballooning notes or GD&T
- Improved the accuracy of lower-case text when manually ballooning
- Implemented support for double-positive and double-negative tolerances
- Implemented new robust measuring capabilities to/from areas of a section in DISCUS 3D
- Implemented the ability for IDA™ to detect surface roughness symbols on drawings
- Implemented IDA™ evaluation of requirements images derived from the specification panel
- Implemented support for the import of all results fields via the Excel template "Results Import Template"

OTHER ENHANCEMENTS

- Implemented a new setting at Settings → Application Settings which allows the user to suppress the display of the characteristic preview when the cursor is over a requirement image on the drawing panel
- Implemented a new at Settings → Application Settings which allows the user to specify a single-click or double-click action to raise the mini characteristic editor in the Bill of Characteristic.
- Added a tooltip for the preview button on the Add Drawing dialog
- Improved the initial automatic placement of user-created balloons in DISCUS 3D
- Implemented additional multi-threading capabilities to DISCUS IDA™
- Implemented the ability to suppress the automatic requirement comment generated when DISCUS detects a feature control frame
- License key is can now be copied from the License Information dialog
- Various improvements to IDA™ accuracy

BUGS

- Fixed a bug that caused an error when creating a thickness characteristic type using the measuring tool in DISCUS 3D during a specific condition



- Fixed a bug which caused null characteristic data in the .dis file during a specific condition
- Fixed a bug which caused an error when a new order was created and set to active during a specific condition
- Fixed a bug which caused the results tab in the detail panel to become non-responsive during a specific condition
- Fixed a bug which caused the candidate preview to not display upon mouse-over during a specific condition
- Fixed a bug which caused an error when adding a TIFF drawing to a TDP during a specific condition
- Fixed a bug which caused IDA™ to not detect requirements on PDF files that used a specific encoding
- Fixed a bug which caused the Net-Inspect validator to erroneously fail validation during a specific condition
- Fixed a bug which caused an error with a specific model type in during a specific condition in DISCUS 3D
- Fixed a bug which caused a very large .dis file after a CMM import operation during a specific condition in DISCUS CMM
- Fixed a bug which prevented the user from using the TAB key to navigate the table in the characteristic properties results tab.
- Fixed a bug which caused DISCUS IDA™ to incorrectly apply a places value to a basic dimension during a specific condition
- Fixed a bug which caused an error during a process plan export during a specific condition in DISCUS Planner
- Fixed a bug which caused an erroneous sort order when sorting by the characteristic number in the Bill of Characteristics
- Fixed a bug which caused characteristics to renumber improperly during a specific condition
- Fixed a bug which caused the “Apply scale to all requirement images” button in characteristic properties to not function properly
- Fixed a bug which caused the contrast controls to behave improperly during a specific condition
- Fixed a bug which caused various issues with custom characteristic and result fields during a specific condition
- Fixed a bug which caused an error when the CMM report was imported to the TDP before a drawing was added
- Fixed a bug which caused unexpected behavior of the undo action during a specific condition
- Fixed a bug which prevented the relocation of a leader line that was attached to a flag note in the drawing panel
- Fixed a bug which caused an error when measuring the vertex of a model during a specific condition in DISCUS 3D
- Various additional minor bug fixes
- Various corrections of typographical errors and terminology