

**What's New in Version 16.9 Service Release 1 (16.9.16)**

**DRC/DFM**

- 11557 NEW - Print Errors in Color and show both layers overlaid for Layer Compare errors
- 11568 NEW - "Print All" DRC/DFM Error Reports now print to one PDF file with Multiple pages
- 11563 FIXED - Isolated Pad Removal on Buried Layers
- 11576 FIXED - Via to Pin not finding these errors
- 11542 FIXED - Window mode always set in analysis of design file once set

**PANELIZE**

- 11579 FIXED - Simple Panelize without virtualization is not working in the latest build
- 11565 FIXED - Virtual Panel - Multiple panels not regenerating correctly
- 11547 FIXED - Virtual Panel not working properly when editing the virtual panel layer set afterward

**NC**

- 11607 FIXED - Import of NC Slot issue
- 11518 FIXED - Drill chart ignores rotation / SR 600038035

**ODB++**

- 11594 FIXED - These ODB++ designs from Valor don't import due to unrecognized data

**IPC-2581**

- 11546 NEW - Add Prompt the User on Export of IPC-2581 if the Dimension Units don't match the Database
- 11590 FIXED - Issue loading in Zuken IPC2581 file
- 11473 FIXED - Missing pads after export 2581 and then re-import

**GERBER**

- 11539 FIXED - Gerber import issue with extremely fine features

**GENCAD**

- 11448 FIXED - Gencad Import - outline/centroid issue

## **MACROS**

- 11664 FIXED - AddPanelHoleChart Macro that failed to add hole chart on this design
- 11643 NEW - AddPanelFiducialSet adds Mask, Top and Bottom Shape and Size to use
- 11596 NEW - User ID (UID 1010) Macro to assist in creation of custom drill to mask report
- 11575 FIXED - Pad Removal Macro Command should not run on PhyNet Layer
- 11570 NEW - User ID (UID 1008 and UID 1009) Macro to convert draws, arcs, polylines to individual drill hits on a new NC layer, with user specified pitch and number of revolutions.
- 11566 NEW - GetFirstItem optional argument to use the select filter
- 11556 NEW - LogMessage Macro to write messages to the log
- 11522 NEW - Add IsEmptyLayer, IsFreeLayer, and GetLayerFromType macro commands
- 11500 NEW - Macro command to SetLayerOrder
- 11499 FIXED - ADDVIEWTAB macro window values are MM instead of Inch
- 11492 NEW - Macro command to combine apertures of the same size
- 11490 FIXED - Stacked Pad Removal Macro command to honor Layer parameter
- 11452 NEW - Macro command to add Dimensions - Linear and Ordinate
- 11451 FIXED - Create Panel from IDF Macro command needs to remove duplicate drills
- 11449 NEW - "SetAsVia" macro command added to set "Gerber" pads as via for use with DFM checks
- 4205 NEW - Allows you to clip all data inside or outside the border on a layer

## **FIXED MISC**

- 11641 Convert Drawn Pads problem with asymmetrical shape replacement
- 11629 D0 errors after running Teardrop command
- 11427 Overlay mode red background issue
- 11506 Ghost apertures left behind after layer deletion
- 11482 Compact Aperture List issue
- 11501 Fixed loading in v15.GTD files that had duplicate unique id's

## **Version 16.9 (16.9.10)**

Initial Release of GerbTool 16.9 (64-bit)

