

# Release Notes GC-Prevue v19.3

## Table of Contents

- IMPROVED FEATURES..... 2**
  - NEW INSTALLER..... 2
  - RS-274X MIRROR MACROS OPTION..... 2
  - COPY AND PASTE FROM CO-ORDINATE SUMMARY..... 2
- ITEMS FIXED SINCE V19.2..... 3**

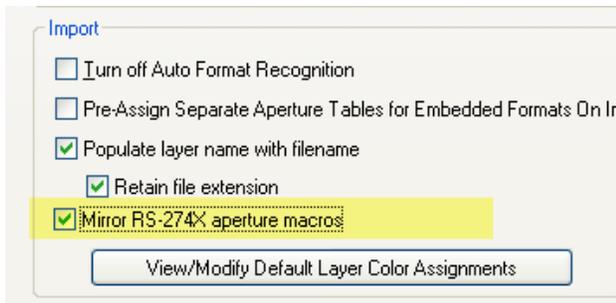
# Improved Features

## New Installer

The Installer has been updated to remove excessive dialogs and unnecessary steps. The new installer removes a number of minor issues related to installation on Windows7 and provides a summary of settings as a final sanity check.

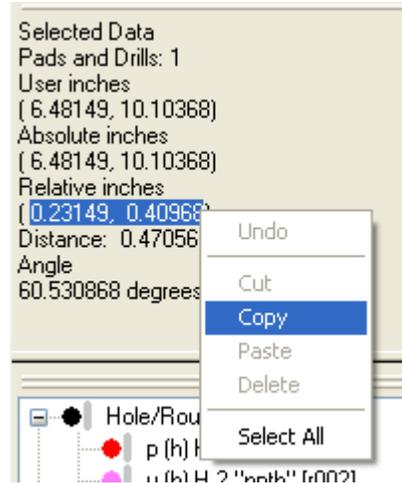
## RS-274X Mirror Macros option

RS-274X Gerber outputs from Cadence Allegro incorrectly assume that adding a Mirror command statement mirrors all apertures. This Mirror command does not apply to Aperture Macros. In order to reproduce the intended image in GraphiCode software we have added a switch to mirror the Aperture Macros upon import. This switch can be found with the Import grouping of the Tools > Customize > Options dialog.



## Copy and Paste from Co-ordinate Summary

The ability to use the mouse to Copy and Paste the values located within the Co-ordinates Summary has been added. This option can be used for both distances and co-ordinates of entities.



## Items fixed since v19.2

This list is customer reported issues fixed for this release.

- #66 Bed Size settings was affecting the Shuz Tung AOI output adversely.
- #65 Shuz Tung output process now allows multiple bitmap rows to be ordered according to user input.
- #63 We now correctly import this IPC-356A file and display the testponits for use with netlist compare.
- #61 Correctly converted apertures consisting of two traces (semi-circle arc and straight line) when rotated using Advanced Scan and Replace.
- #60 Data takes a long time to select. This issue appeared in Traditional Chinese OS.
- #59 Create Assembly Documentatio now correctly runs in Traditional Chinese OS.
- #58 Updated the process of importing multiple files tha require offsetting to fully display. Previously each layer was given its own offset. The updated code uses a single offset value so that all offset files still remain aligned after offsetting (assuming they were aligned prior to offsetting).
- #57 Added functionality to allow oblongs and rounded rectangles to be converted to Home Plates
- #55 Fixed an issue that incorrectly loaded some FIRE files with the incorrect format.
- #54 Automatically vectorize arcs whose start, end or center points sit outside our addressable space.
- #53 Terminal Services are now allowed to access the software and provide remote access if the license is current on a support plan.
- #52 Updated the code to correctly refresh the graphics window when changing colors within the Netlist compare window.
- #51 The redraw option within the Netlist Compare results window was not working as expected. Fixed.
- #50 Crash in netlist compare fixed.
- #48 Adjusted code to prevent the disappearance of the screen image. This was caused by the new features in windows when a input message is not processed, window will mark hang status and then produce a ghost window.
- #47 Fixed a MEM\_BAD\_POINTER error that occurred after printing.
- #45 Added switch to mirror aperture macro apertures if an RS-274X file includes an MIA1 command.
- #43 Inconsistent behavior of the aperture table assignment dialog appears to have been resolved.
- #40 Increased the speed of the Auto Convert Sketched Pad function for a large dataset containing large number of polygons.
- #39 Fixed an issue that did not correctly convert one pad to a flashed pad.
- #37 Corrected a problem within the code that caused non-symmetrical components located at non-orthogonal angles to have an incorrect centroid location.
- #33 Large D-Pak pads can now be split using more than one gap. This applies to both horizontal and vertical directions.
- #32 Shortcuts are now correctly retained in the Traditional Chinese build of software.
- #31 Fixed a bug in the VS2010 code that caused an improper argument when trying to save an ODB++ file as a GWK file after import.
- #30 Application crashes during cycle of aperture types within the Data Creation Setup. Problem caused by weird VS2010 behavior involving deep copy.
- #28 Bug fixed that was causing an unnecessary redraw of data after accessing data through the Query.
- #27 Incorrectly cross-referenced labels displayed in the Filter Selection dialog.
- #26 The workflow used to generate machine programs for the SE300 and SE500 SPI machines has been enhanced to reduce overall time and mouseclicks.
- #25 Incorrectly displayed strings displayed within the Tools Customize dialog.
- #24 Added the ability to copy and paste the values within the Co-ordinates Summary.
- #22 Fixed a script error that prevented Stencilight output from being created.
- #20 Added a manual override to the automatic scale-to-fit algorithm for importing DXF and DWG files. See above.
- #7 Scaling of Rounded Rectangle apertures now correctly creating a new custom aperture and not retaining original formula custom name.