Release Notes   GC-PowerPlace v13.2

Table of Contents

New Features

Support for AutoCAD 2013 format

Import and export of AutoCAD v2013 is now supported.

Plugin Automation

A number of new functions have been added to the Plugin Automation. Details can be found within the programming environment but are focused on Layer, LayerGroups, Pad, Trace, and Part properties as well as functionality to convert drawn pads into flash pads.

Improved features

Polygon drawing Speed

An updated drawing algorithm has been implemented that results in significantly faster redrawing of polygons. Included in the last (13.1) release the function has been improved to cover Mix Color mode. Updates to take advantage of intrinsic functions has also allowed for further speeding up of polygon drawing in Normal mode.

Setting Default NC Drill Import parameters

Our automatic numbering format detection algorithm has had some issues identifying NC Drill formats when the number of drills in the file is less than 10 or so. An option has been added to set a default NC Drill format to help alleviate this issue. The settings can be found under the Tools > Customize > Settings dialog.

64bit Version now available

There is now a 64bit version available for download for any customer on a current support plan. Both the 32bit and the 64bit versions can be installed on the same computer. The 32bit version will install as v13.2.6 and the 64bit build will install as v13.2.8. The 32bit build will install into c:\Program Files (x86) by default and the 64bit build will install into c:\Program Files. The product names (for uninstalling) will be GC-PowerPlace 13.2.6 and GC-PowerPlace_x64 13.2.8 for example.

GWK files are compatible between 32bit and 64 bit versions but GWKs saved in this release will not read into earlier releases.

Items Fixed since v13.1

This list is customer reported issues fixed for this release.

#210   Trapezoiding algorithm resulted in an orphan string of text when exporting custom apertures containing internal polygon apertures. This issue has been fixed.
#208   Crash when printing polygons in certain instances fixed.
#207   Fixed an issue with Same Net Spacing check for Signal layers. Previously, the location of the violation was incorrectly displayed.
#206   DXF mitering problem fixed.
#204   Modified the Custom Macro drawing algorithm to correctly display negative data within macros in relation to data already existing on the RS-274X layer. (also covers n5115 and n5587)
#200   The process of saving a custom aperture from within the Advanced Scan and Replace dialog has been fixed.
#194   Problem fixed with converting an aperture list using the Tool Table Assistant. The problem occurred when Fixed Width was chosen as the delimiter method and the DCode field then contained non-numerical characters after the D-Code number.
#193   Polygon information contained within the outline layer of an ODB++ file caused a mismatch in attributes. This resulted in incorrectly rotated components. Fixed.
#191   A problem occurred if DFM was run on data that had not been previously saved in GWK format. The problem was caused by incorrect initialization procedure.
#113   Fixed a DXF import crash related to memory management. The 64 bit version did not experience any issue with this dataset.