Release Notes GC-Prevue v27.1

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New and Improved Features

Support for the .XNC Drill format

The continued improvement of data transfer formats by UCAMCO (Gerber X2 and now .XNC) is whole-heartedly support by GraphiCode and as part of this support we have added input support for the .XNC drill format to this release.

Added numerous Plugin functions

A number of plugin functions have been added to enhance the customization of the product. Details can be found within the Intellisense for the plugin.

Items Fixed since v26.3

This list is customer reported issues fixed for this release.

#620   An invalid point index resulted in a drill file that had been exported being unable to read back into the software. Highly data-specific error.

#618   Updated the handling of modal D03 usage within an older Gerber file. This construction is now illegal in the GerberX2 specification but we were over-aggressive with the handling of this once-legal construction. The user is now asked if they wish to flash pads at the appropriate locations.

#616   Importing a drill file in EIA format did not identify the drill sizes used in the file. This has been corrected and the drill sizes are now correctly generated.

#614   Added support for .XNC drill format

#613   Updated the handling of a now deprecated construction within a Gerber file. Older formats of Gerber now draw the Primitive Code 2 description as was originally intended but GerberX2 files containing that construction will now generate an error and substitute the legal primitive code 20.

#611   The Vis2apr aperture convertor was incorrectly converting apertures with a list as round pads. The convertor has been updated to correctly handle the situation when provided with aperture descriptions inconsistent with the format.