

Release Notes GC-PrevuePlus v6.3

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New Features

Automatically create new physical layers.

We have added an option into the GC-Explorer window called 'Move Data to New Physical Layers' that creates a separate physical layer for each data layer within a Physical layer.

Remove Queried items from the Query list

We now allow information to be removed from the Query window using check boxes. Any item in the Query window now displays with a checkbox in the first column. If the data in the Query window is not needed then individual entries can be checked and then a right mouse click option called 'Deselect Checked' will unselect the checked items and update the Query window accordingly. This feature is very useful in selecting features (particularly polygons) that are buried by identical features.

Enhanced Features

On Line Help

As always the On Line Help has been updated to include these new and enhanced functions.

Items Fixed since v14.2.2

This list is customer reported issues fixed for this release.

#3646 Incorrect assignment of polarity was occurring when a terminating SR command preceded the LPC command in the Gerber X file; fixed by keeping better track of when at least one positive layer has already been loaded so that we never assign a negative polarity unless the LPC layer is the first being loaded within the file.

#3607 Found and fixed a problem that caused some import log messages to be lost following the compression of top and bottom layers in a ++ or +- layer triplet.

#3602 Composite layer assignment ignored after step and repeat occurs. Composite layer polarity assignment was being overwritten when code encountered IPPOS statement in mid-processing. RS274x spec says this command should occur once and only once within a file. Added a check for multiple IP statements within a single file; all IP commands after first are now ignored. If polarity specified in subsequent IP commands countermands the current layer's polarity, then an import warning is issued.

#3587 Problem with rotating rounded rectangles through 180 degrees has been resolved to provide the correct display.

#3580 Arc direction is now reversed when mirroring is specified for one of the two (but not both) axes in the RS-274X file.

#3575 Reduced the number of new layers created due to redundant SR commands within the dataset. If the SR parameters (number of X and Y copies, offsets, polarity, etc) are the same, then we do NOT create a new layer, but continue writing any new data to the current layer.

#3560 Added necessary bitmap images for all available toolbar buttons.

#3544 Internal documentation generated for the process of adding language support to product suite.

#3543 Increased size of the Install button in Autoplay Dialog so that Chinese Characters now fit inside.

#3516 Crashes in the old third party translated version of the application in Chinese have been eliminated by the release of the GraphiCode translated version.

#3511 Allow data to be 'deselected' from within the Query window (see above).

#3483 Gerber X files no longer crash the Chinese version. The issue was resolved by building a Chinese version at GraphiCode and not relying on third party

products. Conflicts between the two software packages were causing the crashes.

#3458 Added a unit button to the Layer Information dialog that updates the aperture sizes in addition to the data extents.

#3442 Chinese version has problem importing drill file- fixed (see #3483)

#3424 Included the ability to add composite layer to GC-Explorer layer structure.

#3360 New Feature - Assign Selected to Physical/Sub-layer (see above)

#3206 Moved Import Results verbiage to String Table to allow for the translation of these strings.