



Integr8tor v2023.01

Fixed issues

Your continued feedback is important and appreciated. This version solves the following issues you have raised with our Customer Care department.

- When swapping between jobs in the Cockpit > Job Editor > Layer Structure Editor, the layer name of a previously displayed layer from another job could still show as the title of the rightmost tab page above the drawing area. From now on, the tab page title is correctly reset to “Document” whenever a new job enters the Layer Structure Editor
- In the Layer Structure Editor, a first click on a layer name in the INITIAL column in the left-hand side table remained without response in the drawing area on the right. This has been corrected.
- A job that returned from a “To Ustack” session in the Polar Speedstack software would fail to be picked up for reprocessing by Integr8tor. While its job Location changed to "Auto Analysis" and its Progress became "Moved:Waiting", the job would not continue in the workflow until the job lock was removed manually. This is no longer the case.
- A lowercase “c” in the tool header of an Excellon drill file, as in
M48
%
T1c.01
X0192Y0575
X0207Y0575
was causing it not to be recognized as a valid Excellon drill. This has been addressed and Excellon programs with this type of tool header file can now be processed automatically.
- There were various mentions of cases where a Minimum critical copper width had been incorrectly analyzed and reported as just a Minimum copper width. This has been rectified in the current release.
- Jobs with awkwardly constructed logos in the legend layer could either run into an out-of-memory situation or take a very long time to process. In the cases witnessed, these logos were built up of a large number of extremely small “slices” of region (4um wide), all docked next to each other. A substantial overhaul of the legend layer analysis module now ensures correct and timely processing of such data.
- On occasion, the images in the QED PDF Detailed image section of jobs with castellated holes could be incorrect. They could be missing some copper pads or traces that used to connect to the castellated holes. This malfunction does no longer occur.
- In a number of cases, changes applied to an outline layer in a UcamX WE session were undone during the further processing of the data in the workflow engine. This issue has been corrected.
- The problem where a number of jobs hung up during AutoInput while drawn areas were being converted into flashed pads has been adequately patched.
- A regression in the “Continue” functionality of Cockpit could cause jobs with a specific constellation of drill layers to infinitely loop in an “Edit in Cockpit” session. This item has been resolved.
- Blocked DPF data submitted to Integr8tor was flattened (block expand) inadvertently. As a result, the Integr8tor Job exports did not have the original block structure anymore. The current version maintains the block structure wherever possible.
- The <http://<servername>:8080> url that used to lead to the Cockpit download page to initiate a Cockpit install on a new client computer did no longer take you there. Instead, it was bringing up an Apache/Tomcat web page. The former behavior has now been restored in this release.
- Data sets producing a job totaling more than 65536 electrical nets were failing during AutoInput. This limitation has been lifted and these data sets will now process correctly.

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