



Integr8tor v2024.06

Fixed issues

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

- A single case where a plated-to-trace minimum clearance remained unreported has been addressed. Running the offending data set on the current version will now bring out the correct result.
- Arcs in an incoming DPMX file with their center-points outside of the DPF X/Y-coordinate window, caused the generation of the QED location snapshots (Detailed images) to fail. The DPMX import processor has been upgraded to deal with these large arcs more effectively and the location snapshots are now generated successfully.
- A minimal critical copper width and/or critical trace width could be reported incorrectly in case the panel configuration file “PanelConfig.xml”, located in \webapps\ROOT\WEB-INF\setups\system, was not present. Code has been revised to prevent this from happening.
- An issue during the generation of compressed ODB++ tgz files has been cured by upgrading to a newer version of ant.jar.
- The presence in an archive of a .log file with specific contents, could trigger the import of the drill files in the same archive to fail. This is no longer the case.
- The picture of the board’s stackup on the QED report could be partially missing in the case of jobs with a high number of drill programs. The flaw was witnessed on a data set with 24 such programs. The generation of the stackup picture has been reviewed to lift this limitation.
- An inconsistency in the license handling has been addressed: it was not possible to change the subclass of layers from within a layer rename script during clean job output, unless the autodfm license was present. This was unintended behavior and has been rectified.
- The (internal) process step replacing vectors by arcs could terminate unexpectedly in certain cases. It no longer does.
- A case has been fixed where tiny square BGA pads with rounded corners were inadvertently converted to circular pads during PadMaker.
- Under circumstances, the layer rename script’s new name for a non-plated drill layer emerging from an ODB++ import could be reset to its original value. Provisions have been made to prevent this from happening.
- Cockpit could fail to display the PDF image for certain layers/files if the original file name contained special characters or symbols. This has been corrected.
- The case of an incorrect minimum line width on a legend layer has been addressed. The misjudgment happened on a painted and tapered stretch of data and was induced by too tight a taper constraint in the width detection algorithm. After slightly relaxing this constraint, line width reporting for this data set is now correct.
- An issue with the “ignoreTHDrillLayers” control in laserdrillconfig.xml has been patched. This property is used to include/exclude through-hole drill files from being examined for the presence of laser drills, but failed to react to a value of “false”, causing through-hole drill programs always to be excluded from the test.

Ucamco nv

Bijenstraat 19, 9051 Gent, Belgium
Tel: +32 9 216 99 00 – Fax: +32 9 216 99 12
www.ucamco.com - info@ucamco.com