



## Integr8tor v2021.12

### Fixed issues

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

- When Cockpit > Drill Editor was used to attend to a (plating) Todo, the applied Cockpit drill tool edits were not always passed on correctly to the server. This could lead to inaccuracies in certain sections of the QED report. This has been resolved.
- The presence in the incoming data of painted positive data with negative (scratch) objects on top, could cause an image change during the conversion of this painted data into regions (RegionMaker). The RegionMaker algorithm has been refined to take proper account of these situations.
- Automatic drill span recognition and assignment failed if the name of the drill layer contained special characters. This is no longer the case.
- When the "Integr8tor QED Viaplug Analysis" license key was not present in the license file, the QED report invariably stated "Stacked Vias = No". This was misleading, as no stacked vias analysis had been carried out. This has been addressed and the Stacked Vias feature will now show greyed on the QED report if the corresponding license key is not available.
- Jobs with painted data (pads and/or regions) that had a Todo during AutoInput, could end up not being subjected to PadMaker and/or RegionMaker anymore after the Todo had been attended to and the job continued its way in the flow. This led to suboptimal QED and clean job output results. This issue has been corrected.
- The assignment of a standard build from the stackup template library could fail and cause an exception further down the process. The correct behavior for this functionality has been restored.
- Eagle data input could be incorrect when the Eagle database contained active empty layers. This has been solved.
- DPF export of the rebuilt job was missing out on the zpos layer parameter of the bottom layer, leaving the job without a defined thickness on its way to CAM. This has been rectified.
- The auto-log off feature to automatically terminate cockpit connections that have been inactive beyond their time-out idle period, could fail to do so, keeping a cockpit user license locked and preventing the same user from logging in to Cockpit again. This was particularly the case when the network connection between Cockpit and server had been cut ungracefully, for instance as the result of network connection issues. The auto-log off feature has been overhauled to take into account these situations and to remove stale locks from any job that otherwise remained orphaned.
- If an archive contains the same drill file(s) in both Gerber and Excellon format, Gerber is preferred over the rest, but the automatic stack-up builder could still qualify this Gerber drill layer as a drill drawing, producing a job with no PTH file.
- Parenthesis - ( ) - in the layer names of incoming Gerber files could cause AutoInput to fail. These special characters now no longer pose a problem.
- When functional copper was outside or touching the outline, the expected anomaly was sometimes missing on the QED report. This has been addressed.

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