Integr8tor v2021.04

Release Overview

Highlights

Always a step ahead ...

- Cut-out detection

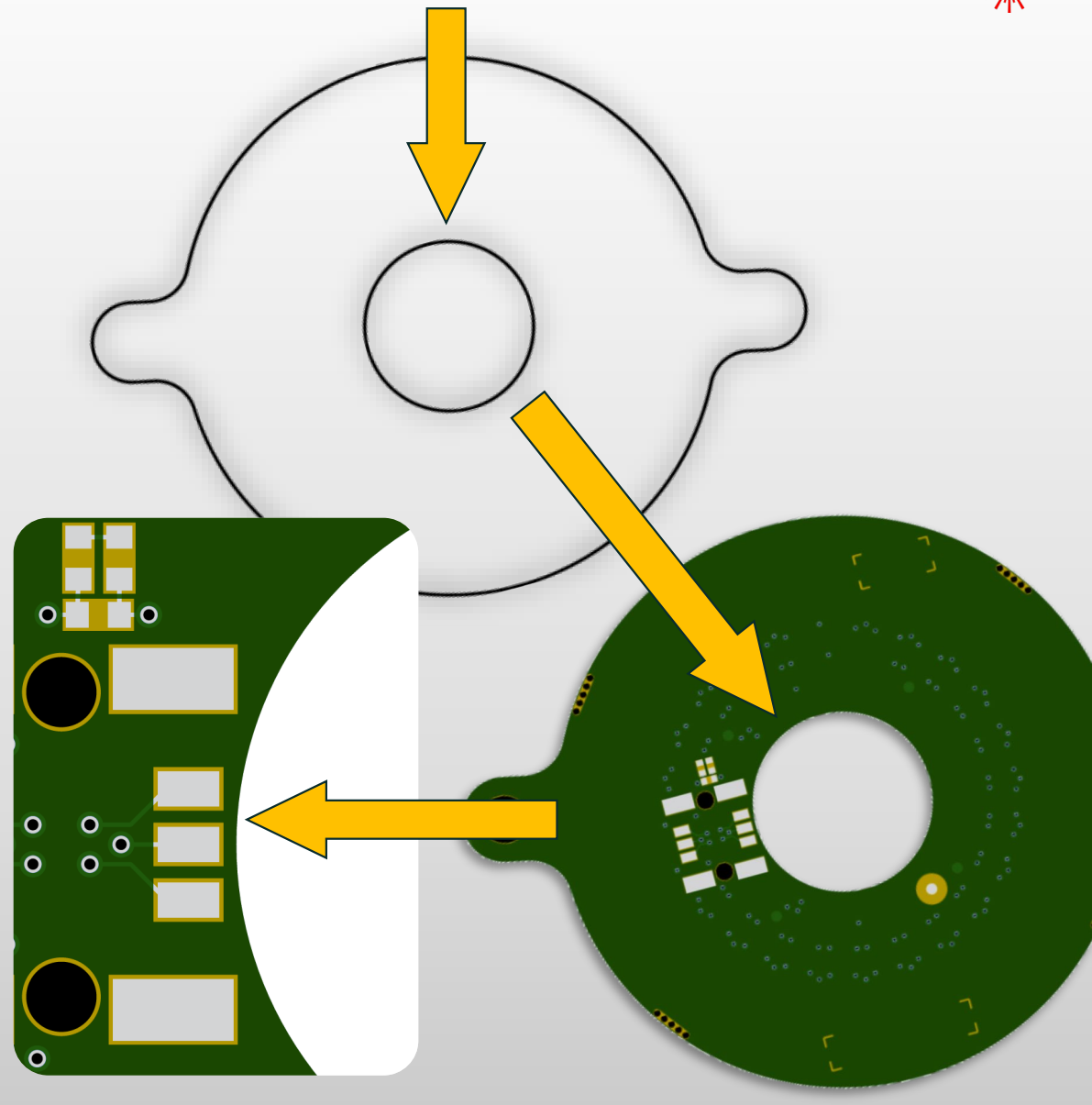
- Java 11 upgrade
- Tomcat 8 Web Server upgrade
- General enhancements
- Various fixes

Cut-out detection

Automatic detection

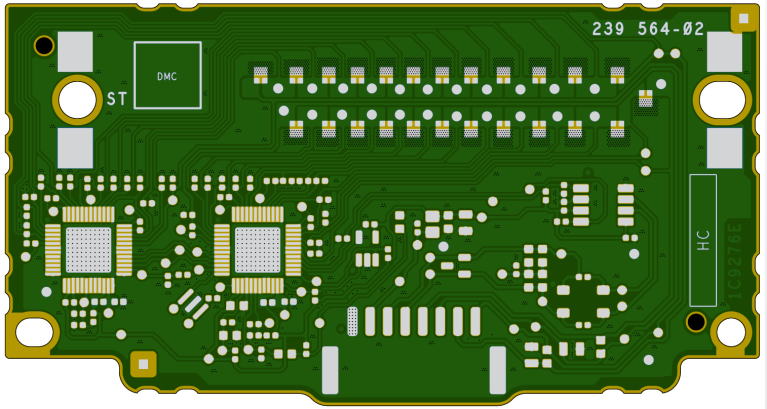
- v2021.04 adds sophisticated analysis of all peripheral data in the archive to detect cut-outs
- Cut-outs are added to the outline layer for analysis and CAM

(*New option)*



Cut-out detection

Automatic analysis



- Any cut-outs found are taken into account for QED analysis, e.g. clearance copper to outline
- This catches design anomalies towards inner board edges at the quotation stage already, helping you to:
  - feedback problems to your customer timely
  - avoid precious loss of time during CAM
  - avoid potential scrap

(*New option)*

Java11 upgrade

Ucamco

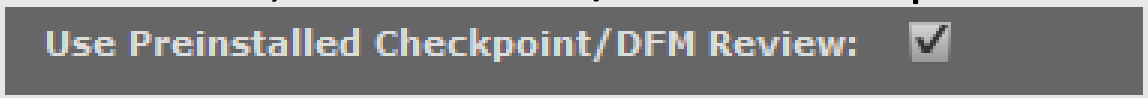
Great for automation developers

- Integr8tor v2021.04 upgrades to Java11!
- Java11 is the most recent LTS (Long-Term Support) and field-proven Java release, with constant patches and security updates
- Hence this major technology updated guarantees security for years to come
- The open Java11 JDK distribution kit used in Integr8tor is exempt from usage fees or additional charges – a welcome benefit for the end user
- As UcamX upgraded to Java11 in v2020.12 both Integr8tor and UcamX are now on the same footing – simplifying life for customers who develop automation encompassing both systems

(Upgrade)

Checkpoint/DFM Review

- Oracle have abandoned the Java Web Start (JWS) technology, used to run Checkpoint/DFM Review on legacy 32-bit client computers
- Therefore, from Integr8tor v2021.04 on, Checkpoint/DFM Review must be installed locally on a 64-bit client computer
- As a result, the remote/local Checkpoint install option:



  has been removed from Cockpit > Preferences > General
- Contact Customer Care if you need assistance migrating your system setup

(Upgrade)

Tomcat 8 Web Server

Ucamco

Helps your business thrive

- Rock-solid web server technology is of paramount importance for workflow systems like Integr8tor
- Makes users and systems communicate securely with each other, whether from a web page to a computer or from one computer to another
- Latest and greatest in terms of functionality and security
- With a track record of millions of companies running it day in day out to enable their businesses, it is now available in Integr8tor v2021.04 to help your business thrive and keep your systems at the forefront of technology

(Upgrade)

Enhancements

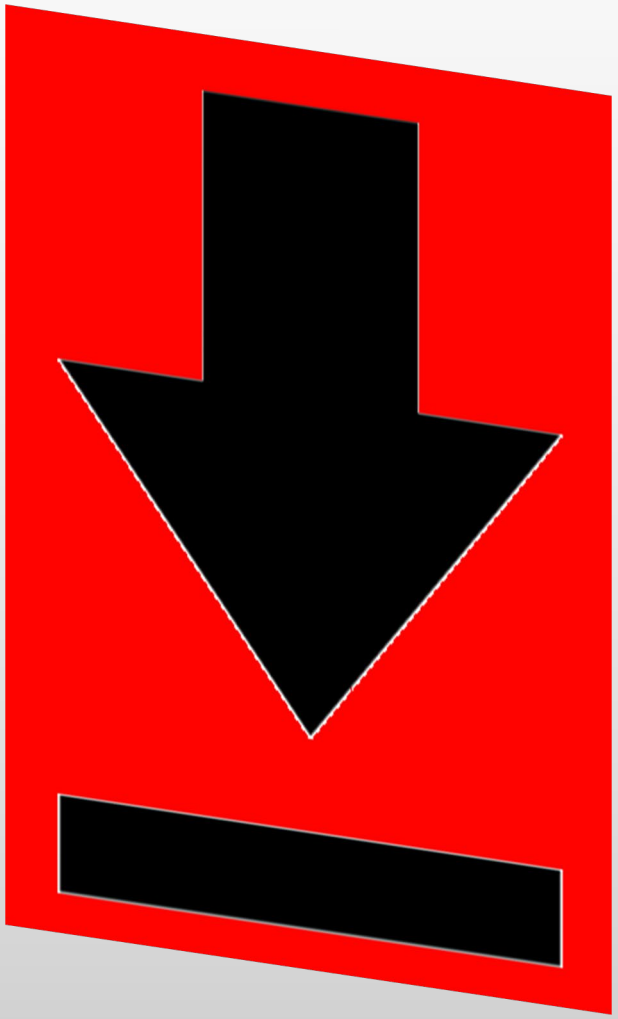
New capabilities

- Custom parameter translation in QED PDF
- QED PDF Dynamic Panel Optimizer (DPO) additions
- Unintentional small openings in painted areas are automatically filtered out
- Stackup recognition improvements for CAM350/DFMstream archives
- Recognition of CS and PS naming conventions
- Recognition of additional drill span naming schemes
- Recognition of additional backdrill naming schemes

(Improvements)

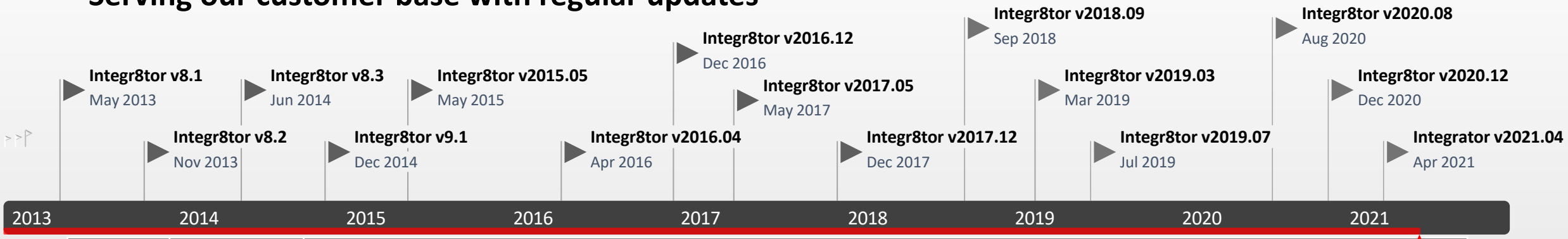
Install v2021.04

- The installer can be downloaded from the Ucamco FTP download server. Use an FTP client as most recent internet browsers do not support FTP.
- We recommend installing v2021.04 at your earliest convenience
- For any further questions please contact our local business partner or the Ucamco helpdesk
- We thank you for choosing a Ucamco product



Already looking ahead

Serving our customer base with regular updates



Version	Release date	Highlights	
2021.04	Apr-21	Automatic inner outline detection	Upgrades to Java 11 and Tomcat 8
2020.12	Dec-20	QED Backdrill analysis	Altium PCB Input Connector
2020.08	Aug-20	UcamX Workflow Edition	Must-have QED and Autoclean Additions
2019.07	Jul-19	Introducing C8 Inspect	QED Ring Analysis per tool function
2019.03	Mar-19	Measure functionality and freely displayable layers in Checkpoint	Extended import&export support for advanced ODB++ features
2018.09	Sep-18	New QED feature: Minimum Critical Trace Width	User-selectable layer registration
2017.12	Dec-17	Checkpoint review extensions for various QED results	Analysis of via holes with different solder mask openings top/bottom
2017.05	May-17	Support for PCB Surface finish	Same-sized jobs detection
2016.12	Dec-16	Introducing Integr8tor Job Perspectives	Drill hole tolerances
2016.04	Apr-16	SMD/BGA pads differentiates copper- and solder mask defined	DFM Checks (former Capabilities) revised
2015.05	Jun-15	New standard parameters	Determination of laser/mechanical drilling
9.1	Dec-14	Support for Gerber X2 datasets	Optimized and new QED values

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