

A grayscale, close-up photograph of a microchip or printed circuit board (PCB) with intricate circuit patterns and solder points. The image is slightly blurred, creating a sense of depth and technical precision. The text 'Integr8tor v2020.08' is overlaid in the center in a bold, black, sans-serif font.

Integr8tor v2020.08

Release overview
Ucamco NV - Belgium



Integr8tor

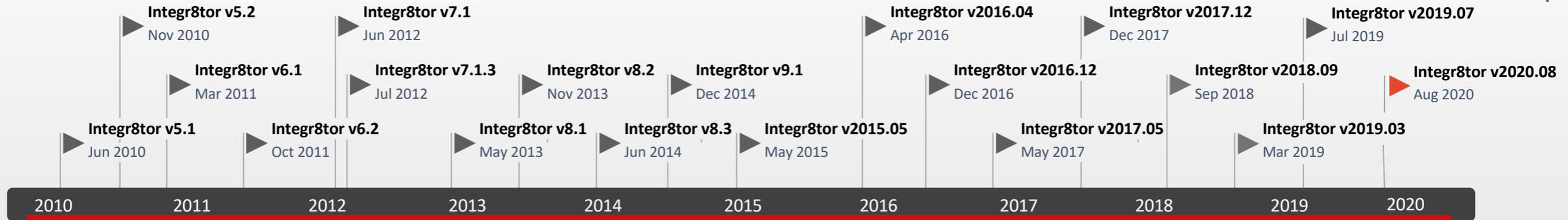
V2020.08

Always a step ahead...



Integr8tor v2020.08

Serving our customer base with regular updates

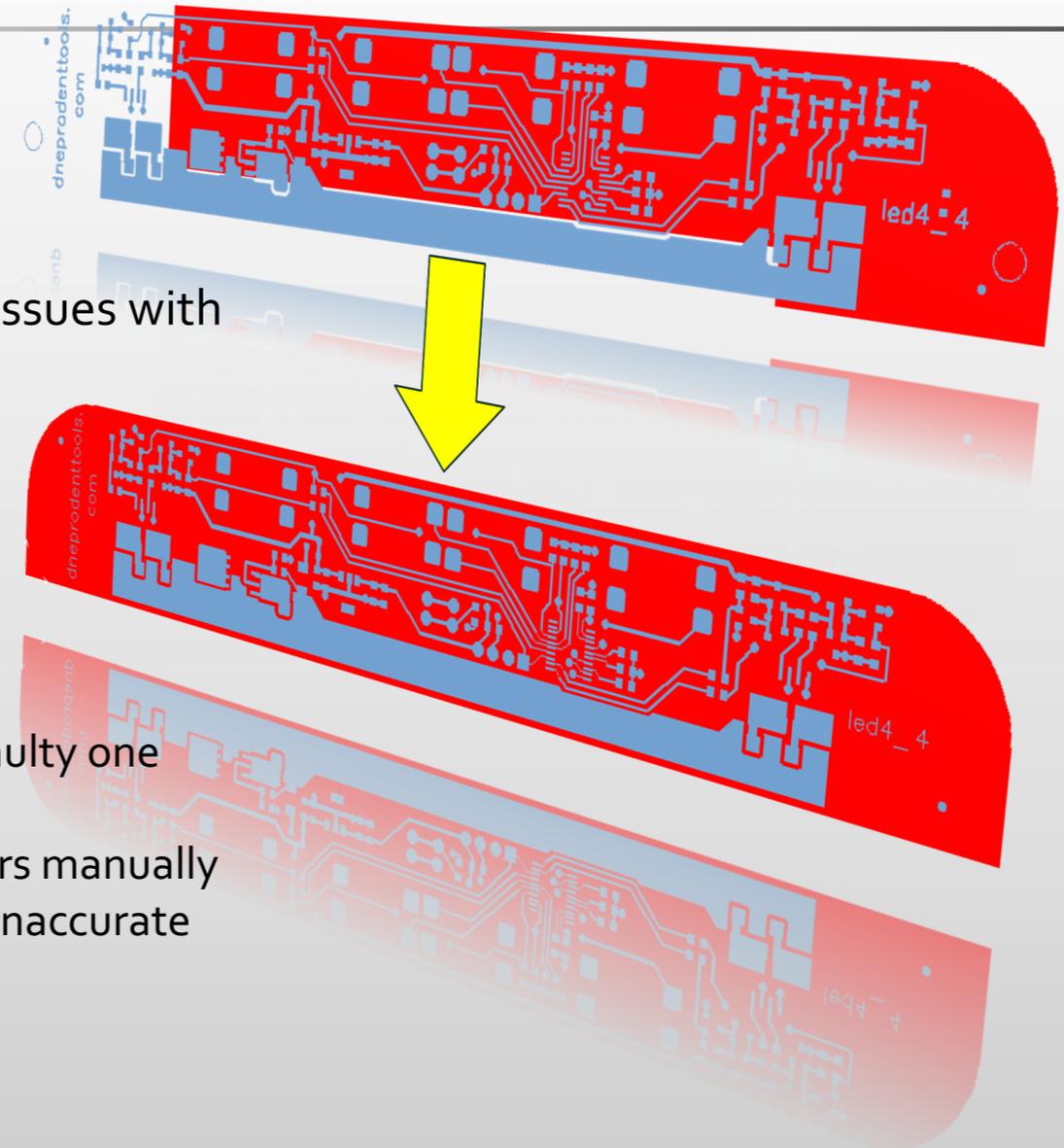


Version	Release date	Highlights	
8.1	May-13	Support for ODB++ v7.	Compatible with Windows server 2012 and windows 8.
8.2	Nov-13	Detection and flagging of duplicate archives.	Edge connector recognition.
8.3	Jun-14	New standard parameters.	Determination of laser/mechanical drilling.
9.1	Dec-14	Support for Gerber X2 datasets.	Optimized and new QED values.
2015.05	Jun-15	New standard parameters.	Determination of laser/mechanical drilling.
2016.04	Apr-16	SMD/BGA pads differentiates copper- and solder mask defined	DFM Checks (former Capabilities) revised
2016.12	Dec-16	Introducing Integr8tor Job Perspectives	Drill hole tolerances
2017.05	May-17	Support for PCB Surface finish	Same-sized jobs detection
2017.12	Dec-17	Checkpoint review extensions for various QED results	Analysis of via holes with different solder mask openings top/bottom
2018.09	Sep-18	New QED feature: Minimum Critical Trace Width	User-selectable layer registration
2019.03	Mar-19	Measure functionality and freely displayable layers in Checkpoint	Extended import&export support for advanced ODB++ features
2019.07	Jul-19	Introducing C8 Inspect	QED Ring Analysis per tool function
2020.08	Aug-20	UcamX Workflow Edition	Must-have QED and Autoclean Additions

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Always a step ahead...

- UcamX Workflow Edition (WE) Graphics Editor
 - Your all-round workhorse for addressing any issues with the incoming data – without delay
 - Directly accessible from within Cockpit
 - Provides high-end editing tools to
 - Add a **missing outline** to a job or correct a faulty one
 - **Register** low-info or highly symmetrical layers manually in case the automatic layer registration was inaccurate
 - Set the correct layer **polarity**



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Always a step ahead...



- **Eliminate duplicate** layers from the job stackup
- Add **gold mask** or **peel-off layers** to the job that are not available in the customer archive
- **Merge** split layers together (e.g. 1 layer with pads – 1 layer with traces to make for 1 physical copper layer)
- Read in the odd **legacy** Gerber data set that still comes with old-school aperture lists
- Examine netcompare **errors** reported by the AutoReference option
- **Simplify user experience** by bringing a series of repetitive edits together in a small script under **single-click button** on the customizable toolbar

○ ...



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Always a step ahead...

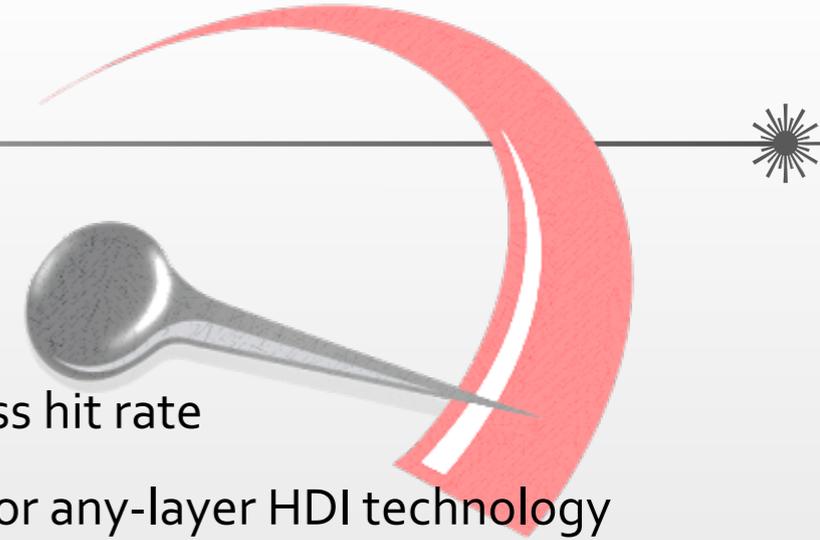


- Must-have additions to the QED Report for meticulously accurate quotations...
 - Anomalies section to bring suspicious situations to your attention
 - Minimum BGA size to flag potentially critical component areas
 - Minimum solder mask opening detection for adequate process selection
 - Legend-to-pad clearance analysis for single-sided and maskless products
 - Summary section overhaul for an improved user experience



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Always a step ahead...

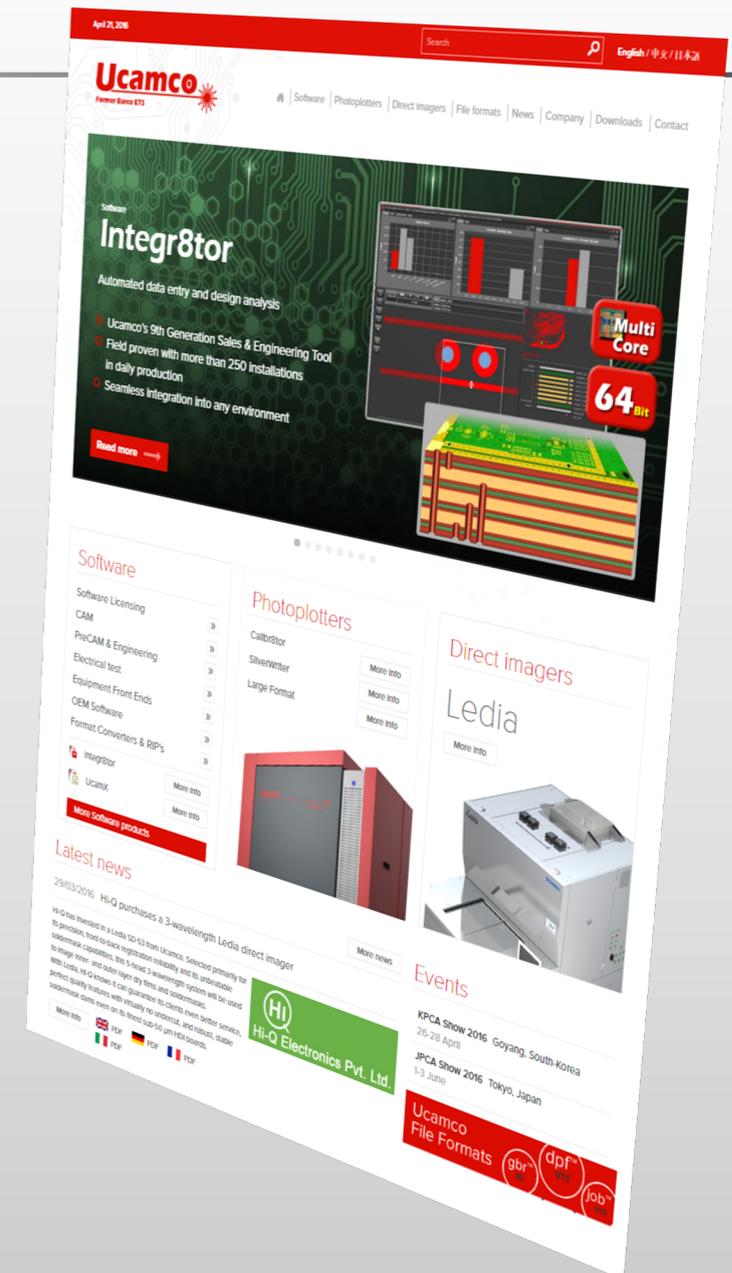


- Stepping up the automation and speeding up the task...
 - Automatic outline creation from corner marks – higher first-pass hit rate
 - Drill span recognition – automatic stackups for complex builds or any-layer HDI technology
 - RegionMaker and PadMaker – spot-on data optimization routines for a head start in CAM
 - Gerber Job File input automating the entry of PCB characteristics – hassle-free & rock-solid
 - Automatic zero-size aperture removal – another tedious task less for CAM
- Cockpit Extensions
 - High Security option: restrict the viewing of sensitive jobs to your accredited staff only
 - New solder mask types and surface finishes to support your state-of-the-art manufacturing

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Download information

- The installer can be downloaded from the Ucamco FTP download server. As most internet browsers have stopped supporting FTP download, we recommend that you use an FTP client to do so
- We recommend to install this update at your earliest convenience
- For any further questions you may have, please contact our local business partner or the Ucamco helpdesk
- We thank you for choosing a Ucamco product



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