The latest eviXscan 3D Suite 2.8 software package improves the speed and quality of the eviXscan 3D scanners

Version 2.8 of the eviXscan 3D Suite software introduces several enhancements to key algorithms. Improvements in scanning parameters are most evident in the older generation of eviXscan 3D scanners such as Heavy Duty models: Quadro, Optima and Basic. Thanks to that it is possible to obtain better scanning results without the need to change the scanner for a newer model*.

PRECISION
30% better accuracy
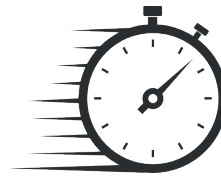
TIME
40% faster action

In addition, the latest version of eviXscan 3D software allows to control the robot without using external plugins. The integration includes Universal Robots and HAN*S robots.

Simplification of the interface and adaptation to the introduction of different language versions are further advantages of Suite 2.8 (Polish, Chinese and French versions will be released in the coming weeks). All eviXscan 3D scanners sold after 15 November 2021 will be delivered with eviXscan 3D Suite 2.8 version.

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Choose chart	Check calibration	Calibration wizard	Single scan wizard	Rotary table wizard	Markers wizard	Single scan	Scan with rotary table	Scan with markers
Remove markers	Decimate	Markers alignment	Manual alignment	Global alignment	Merging	Clean mesh	Subdivide	Detect markers on plane
Best fit	Reset alignment							

A detailed description of the most important functionalities, added or improved in version 2.8, can be found on the back of this leaflet.

Owners of an active maintenance package (including purchasers of version 2.7) receive an upgrade to version 2.8 free of charge. Purchasing an eviXscan 3D Suite software upgrade to version 2.8 will provide access to further functionality enhancements within 12 months of purchase.

* Compared to the 2016 version of the software (Suite 1.3) the increase in scanning accuracy reaches 80% and the point cloud generation time has been reduced by several times.

Explore the latest features of the eviXscan 3D Suite software

New scan generator


eviXscan 3D Suite 2.7   eviXscan 3D Suite 2.8
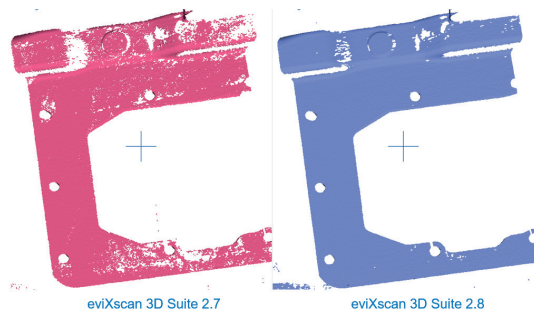
Thanks to improvement of the algorithm, it is possible to obtain scans of much better quality and simultaneously shorten the time of their generation. More accurate mapping of the scanned surface improves the quality control process. The new algorithm also reduces the need for matting powder in some cases.
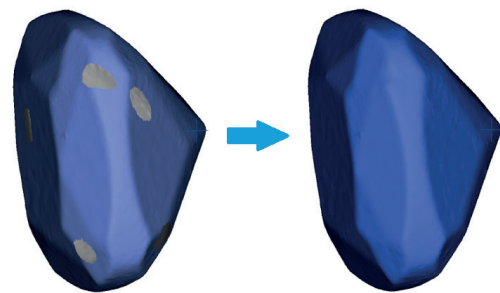
Best Fit
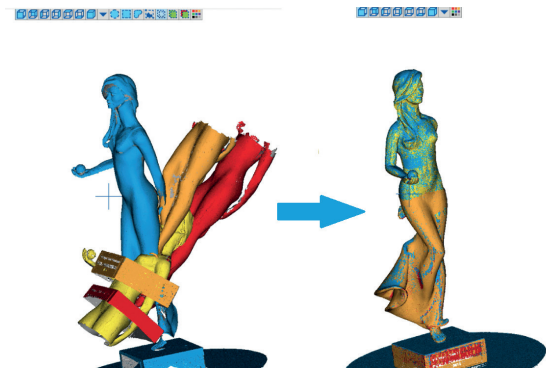
Best Fit is the automation of the manual fitting process. Instead of manually inserting points to pre-fit scans of different coordinate systems, the algorithm will itself, based on the shape of the workpiece, its curvatures and surfaces, strive to achieve the best possible match between these scans.

New version of Merging

Old merging (blue)   New merging (red)
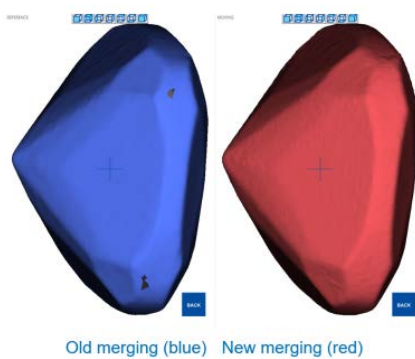
Better merging quality improves subsequent post-processing steps, such as hole filling or smoothing.

Markers auto-exposure

This function automatically selects the optimal exposure settings for scanning with markers.
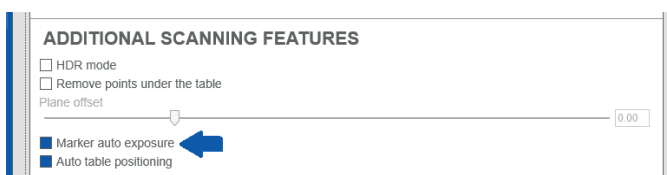
Hole filling

Hole filling can be done in 3 ways:

Holes filling selection - used to manually select holes for filling

Holes filling densely - used to fill all holes in the mesh; the algorithm updates the current triangle mesh

Holes filling waterproof – used to close the STL file; the algorithm creates a new triangle mesh

EVIXSCAN 3D Suite 2.8

designed by evatronix