

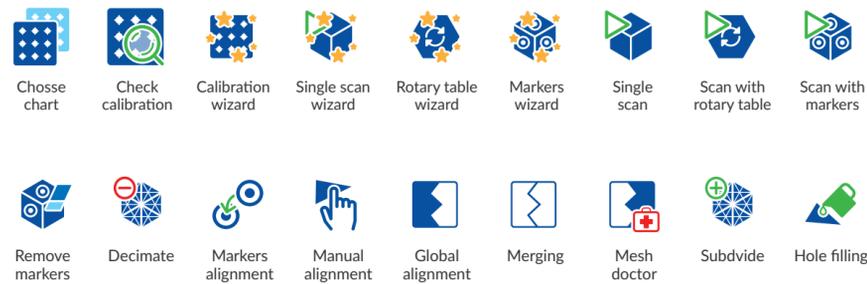
Get **eviXscan 3D Suite 2.0** and enjoy benefits of yearly subscription

**eviXscan 3D** product subscription open access to enhanced support, new updates, webinars and more!

To ensure comfort and continuous development, the subscription provides many additional benefits and guarantees access to the latest innovations the moment they are available, along with the previous versions. Here is a summary of key features available in the upcoming releases.

Key features of next updates of **eviXscan 3D**

|                            |   |                  |
|----------------------------|---|------------------|
| <b>Global alignment</b>    | Automatically align scan data, point clouds or meshes with best accuracy  | <b>Suite 2.5</b> |
| <b>Merging</b>             | Combine multiple scans or meshes to single, dense mesh. Overlapped areas and neighboring boundaries are removed and stitched efficiently  | <b>Suite 2.5</b> |
| <b>Mesh doctor</b>         | Automatically heal various defects and noises on mesh   | <b>Suite 2.5</b> |
| <b>Hole filling</b>        | Fill simple and complex holes with poly-faces based tool. Create bridges and control of hole filling curvature  | <b>Suite 2.5</b> |
| <b>Noise reduction</b>     | Clean mesh from scanning noises automatically without losing accuracy   | <b>Suite 2.5</b> |
| <b>Global smoothing</b>    | Smooth globally meshes with optimum level   | <b>Suite 2.5</b> |
| <b>Texture manager</b>     |   | <b>Suite 2.5</b> |
| <b>Global remesh</b>       | Powerful Remesh tool for fast, accurate create clean polygon models from dirty scan data  | <b>Suite 3.0</b> |
| <b>Defeature</b>           | Delete noises, unwanted features and surface errors   | <b>Suite 3.0</b> |
| <b>Plane fitting</b>       | Fit planes to existing mesh geometry on selected area   | <b>Suite 3.0</b> |
| <b>Divide/cut by plane</b> | Cut noises, divide mesh for two parts   | <b>Suite 3.0</b> |
| <b>Brush smoothing</b>     | Smooth locally scans or meshes without losing accuracy on whole model with easy to use brush tool   | <b>Suite 3.0</b> |
| <b>MultiScan</b>           | Measure abstruse geometrical characteristics, deep slots, thin edges, and complex features such as injected parts, castings, blades or turbines with new cameras and projector scanning technique | <b>Suite 3.0</b> |

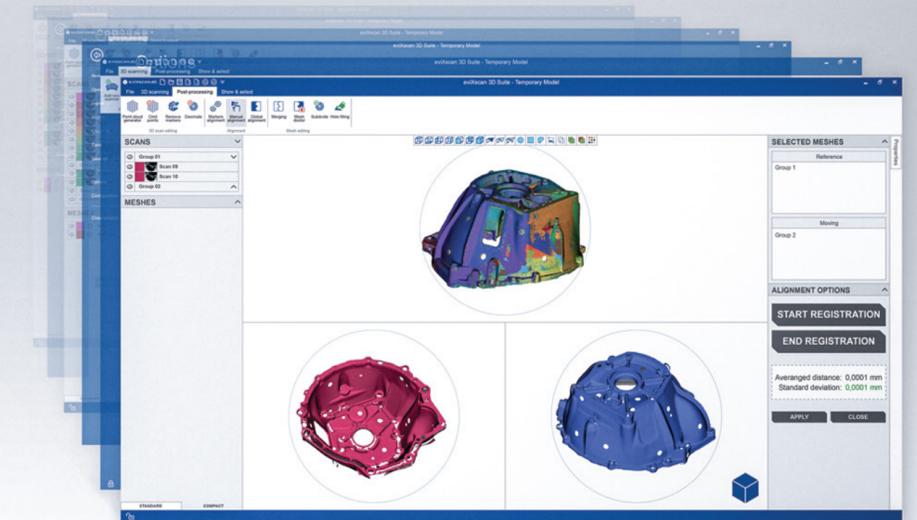


designed by  
  
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Powerful and user-friendly  
**software for 3D scanning**  
 and **mesh processing**





## Powerful simplicity

eviXscan 3D Suite 2.0 is a comprehensive software platform that delivers the most powerful and user-friendly tools for scanning and mesh processing within straightforward workflow.

With eviXscan 3D Suite 2.0 the scanning process is even more easier to use and faster than ever before.

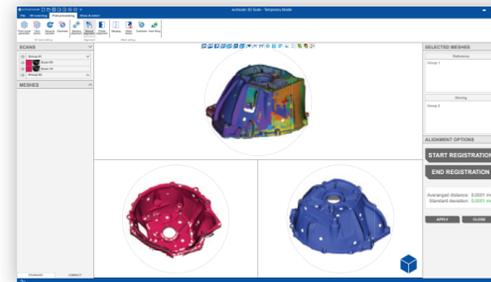
The clear workflow guides the user in all scanning steps from basic configuration to the final mesh processing and enables to achieve significant productivity.

## Revolutionize your scanning routines

eviXscan 3D Suite 2.0 provides the completely new graphic user interface, based on Windows Presentation Foundation (WPF) graphical engine.

The tool viewer offers a clear, intuitive and process-oriented working environment.

From engineering to art, entertainment, manufacturing and archeology, all real objects can be effortlessly captured and transformed to digital data in easy and comfortable way, each time assisted with tooltips.

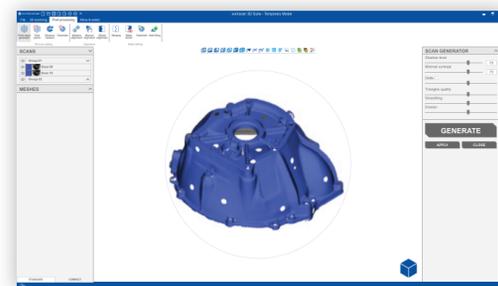
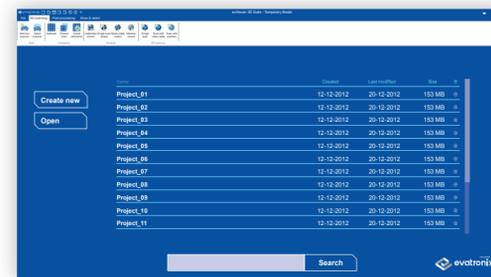


## New GUI - a new level of usage comfort

The software provides an easy way to find and manage existing projects or start to create new ones.

The new start window provides a list of existing projects and an additional search engine.

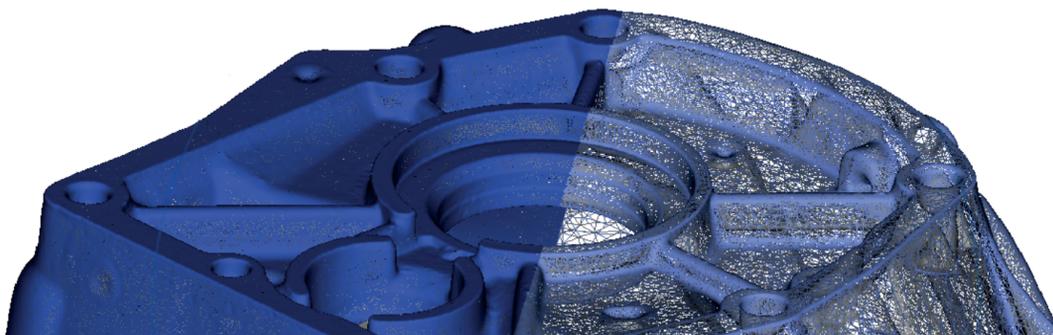
Display on the screen directly what will be scanned – underexposed and overexposed areas will be hidden on the camera viewer by specialized software filters.



Group scans and imported files, change the visibility and color of every scan.

Visualize the information about files in two ways: compact and standard.

The status bar informs about the scanner connection status, algorithms execution progress and scanning progress.



## Scan and process data without compromise

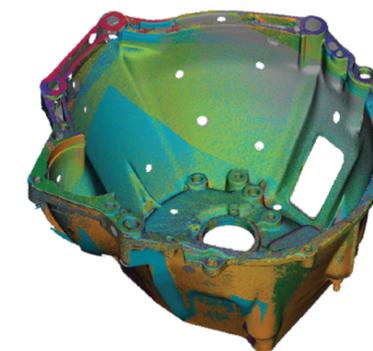
eviXscan 3D Suite 2.0 is an uncomplicated, powerful and fully integrated 3D software platform that works in complete synergy with all eviXscan 3D precise measurement devices. The new version of software provides new mesh-processing tools to finalize 3D scan data as well as imported meshes and point clouds. Scan dark and shiny objects without surface pre-treatment with the new proficient HDR scanning tool.

## Scan whatever you want with quality you need

Synergy between the new Point Cloud Generator and HDR 3D scanning tool allows to scan dark and shiny surfaces without surface pre-treatment.

Built-in intelligent decimation algorithm smaller and more accurate provides data directly from the scanning process.

New Multi Point Cloud Generator tool allows to regenerate simultaneously many scans in one operation.



## Data clearing and preparation (treatment) for further process steps

Markers removal tool automatically recognizes and deletes areas with marker dents.

Variable selection tools (circle, rectangle, lasso, cluster) combined with additional methods (select through, frontface or backface only) facilitate the cleaning process.

Group, show, hide and organize scans with the new result tree with two visibility modes - standard and compact for better adoption to user needs.

Multicolor mode allows to read-only change colors of each scan.

Organize scans and groups by colors in a straightforward way.

## Align scans to one coordinate system

eviXscan 3D Suite 2.0 allows to align scans or imported meshes by N-point method.

Choose reference and moving objects, select characteristic points and align.

Software returns information about alignment error for better understanding and evaluation.

Integration with ToolKit Box ensures autoalignment between scan groups for rotary table scanning strategy, facilitating further postprocess.



ToolKit Box