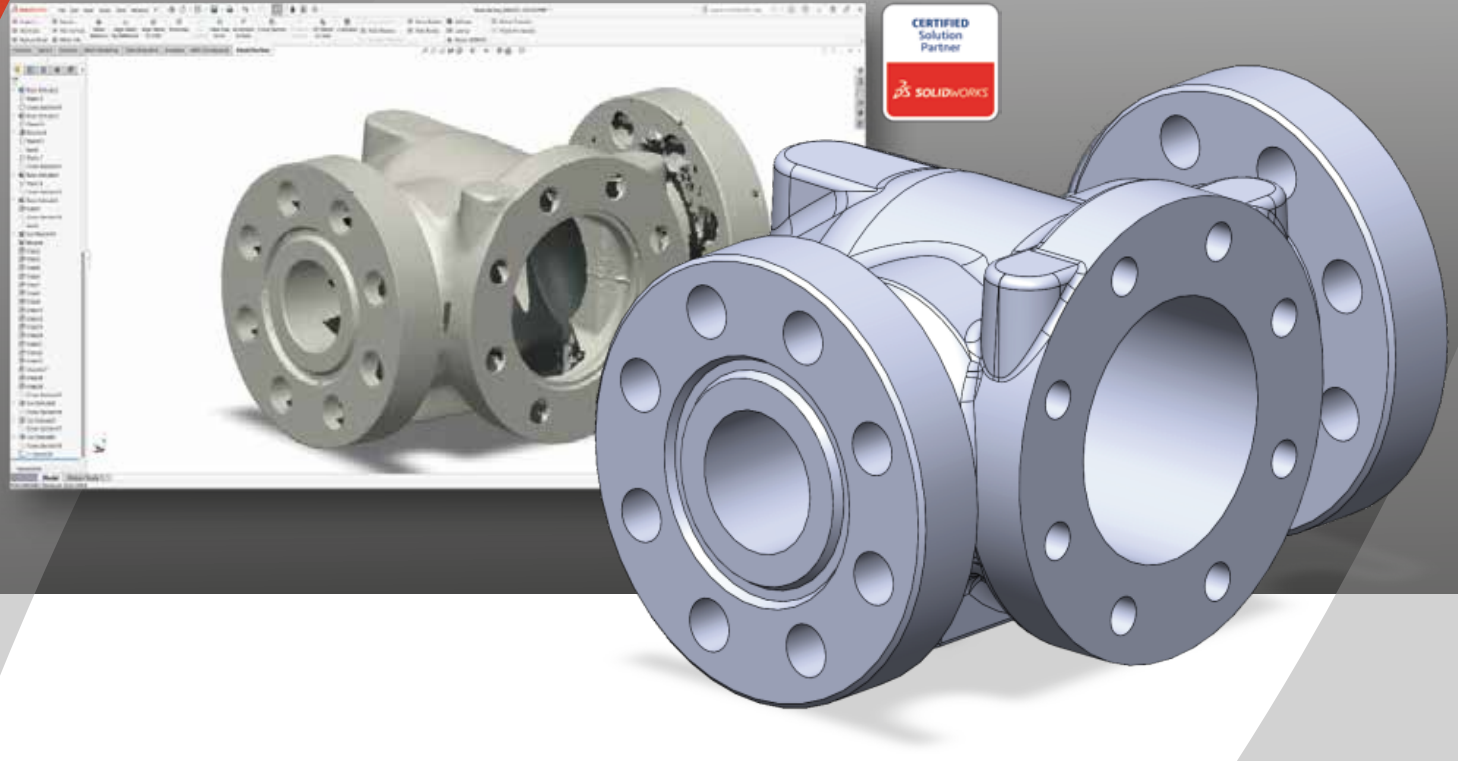
QUICKsurface

for SOLIDWORKS®



The bridge between 3D scanning and manufacturing!

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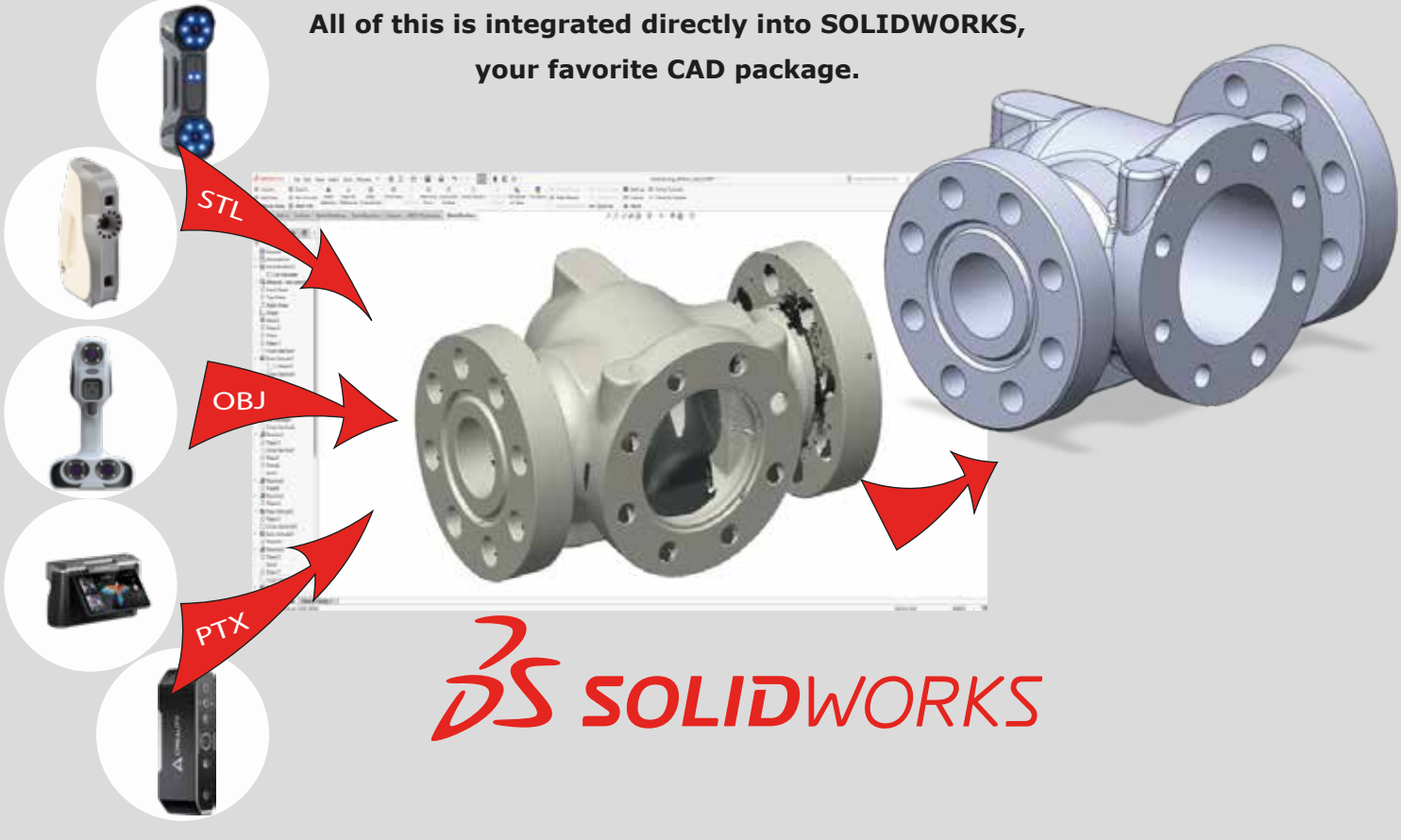
What is QUICKSURFACE for SOLIDWORKS?

QUICKSURFACE *(known as Mesh2Surface)* is a reverse engineering software add-in for **SOLIDWORKS.**
The software provides efficient tools to generate surfaces and curves to help converting **3D scan meshes into profesonal CAD models**.

QUICKSURFACE allows the user to:

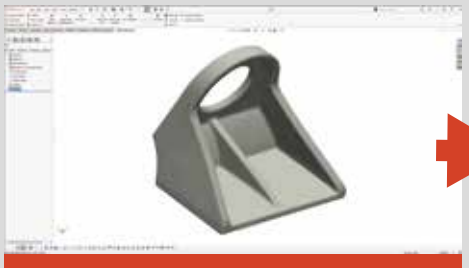
- **Fast Scan Import:** Quickly import large scan data into SOLIDWORKS.
- **Reference Geometry Extraction:** Extract geometries like symmetry planes.
- **Intuitive Alignment:** Align scans with CAD models or multiple scans easily.
- **Cross-section Creation:** Create reference cross-sections for sketching.
- **Precise Shape Fitting:** Accurately fit line arcs and complex shapes to points.
- **Freeform Surface Approximation:** Best-fit freeform surface approximation.
- **Accurate Reverse Engineering:** Precisely reverse-engineer organic and freeform shapes.
- **3D Color Map Comparison:** Instantly compare CAD models with reference data.
- **One-click Shape Conversion:** Convert organic shapes to CAD models with one click.

All of this is integrated directly into SOLIDWORKS, your favorite CAD package.

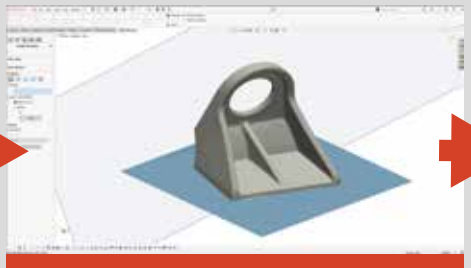


Save over **50%** of time and effort in reverse engineering with the **QUICKSURFACE** add-in for **SOLIDWORKS**® Desktop 3D CAD!

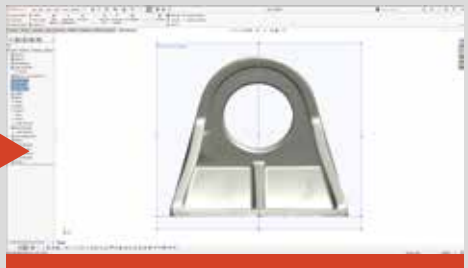
Reverse engineering workflow



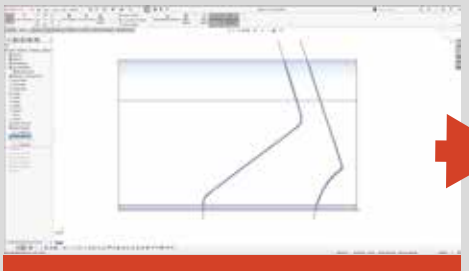
Import scan data (STL, OBJ or PTX)



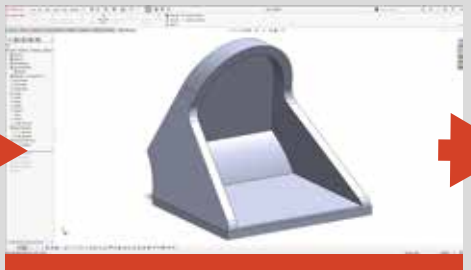
Extract features to define the alignment of the scan data



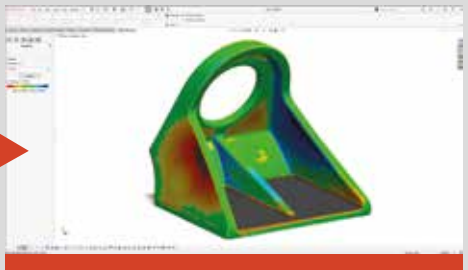
Align scan data correctly in space



Extract cross sections and define sketches for extruded and revolved surfaces



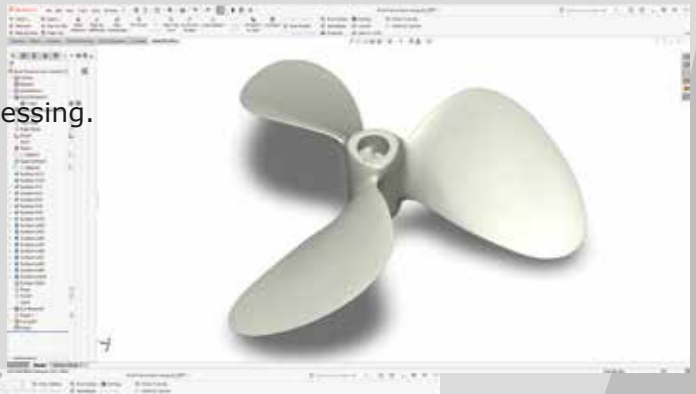
Use traditional CAD features to build solid or surface models



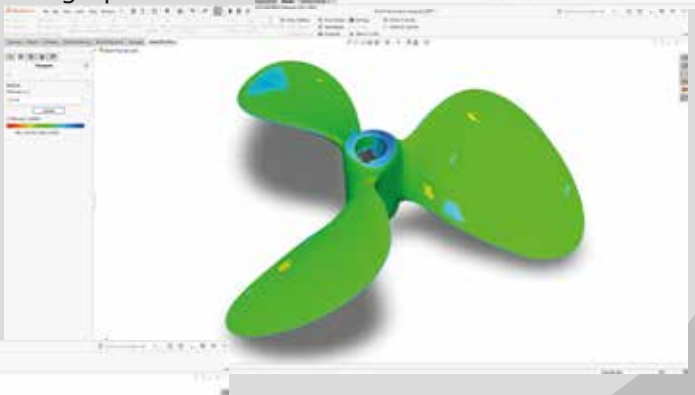
Compare the result to the reference scan to see the quality of the process

Do it all in **SOLIDWORKS** environment with simple and easy to use tools of **QUICKSURFACE** add-in

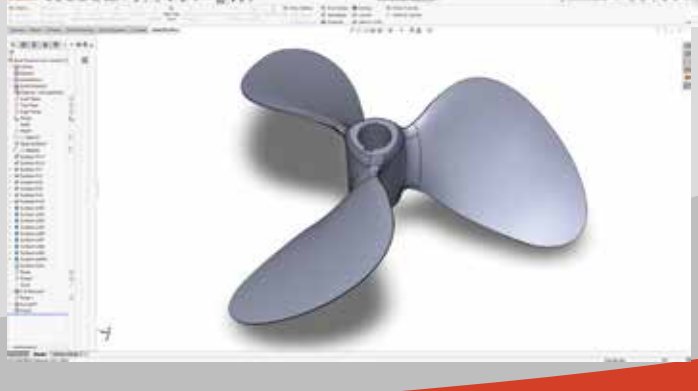
Why QUICKSURFACE ?



- **Expert-developed** for 3D scanning and data processing.
- **Fast and efficient** algorithms.
- **Simple interface** for ease of use.
- **Extensive tutorials** for easy learning.
- **Advanced features** for precise results.
- **Saves time and money** by speeding up reverse engineering.



SIMPLE and EFFICIENT, QUICKSURFACE is designed to make reverse engineering fast, easy, and cost-effective.



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for SOLIDWORKS®

CERTIFIED Solution Partner
SOLIDWORKS

Powerful Reverse Engineering in SOLIDWORKS

- Edit and repair CAD data for broken tools and molds
- Use existing assets to reverse engineer new parts
- Transform physical parts into CAD for new designs
- Create new parts to fit with existing parts
- Export remodelled data for 3D printing
- Speed up your time for manufacturing
- Prepare models for manufacturing
- Simplify models for simulation
- Increase design capabilities
- Design bespoke products
- Reduce costs for design
- Packaging Design

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