

One Software for any Scan System



Handheld Scanner



structured Light Scanner



Scan Station



The functionality and compatibility of Verisurf software combines its strengths with all common scanning systems:

- High efficiency
- High accuracy
- High resolution
- Portable
- Ergonomic

to a unique and powerful solution.

ONE SOFTWARE SOLUTION FOR ALL YOUR METROLOGY AND REVERSE ENGINEERING TASKS

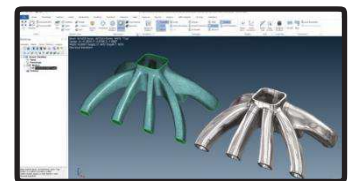


OFFLINE SCAN DATA SUITE

The Offline Scan Data Suite combines the capabilities of both applications described below. It is the best choice for manufacturing professionals who need the flexibility to optimize both inspection and reverse engineering workflows.

Quickly and easily import any 3D scan point cloud or STL mesh. Comprehensive editing tools to optimize point clouds and STL meshes. With the imported or edited data you are able to perform quality related checks. Automatically extract features and analyze scan data to CAD model nominals. Quickly create intelligent GD&T and measurement reports with ease.

Furthermore, create printable 3D STL models for additive manufacturing, 3D surface models for industrial design and rapid machining, or complete solid models with intelligent GD&T links for manufacturing.



OFFLINE SCAN DATA SUITE PLUS QUICK SURFACE

Quick Surface is a powerful, new option for any Verisurf Reverse suite that efficiently creates smooth, high-quality surfaces from meshes derived from scan data or STL files.

Manufacturing answers from large, complex 3D Point Clouds or Meshes

Verisurf scan data suites empower manufacturers with affordable, offline inspection and reverse engineering solutions that assure product quality, reduce waste, and expedite workflows to improve productivity.

OFFLINE SCAN DATA SUITE

- Extract measured features with GD&T and fit clouds or meshes
- Analyze deviation to CAD nominal with clear Pass/Fail balloons
- Identify nonconformance and produce custom quality reports
- Automate inspection with accurate repeatable scan data process
- Create manufacturable CAD models from physical parts
- Align multiple, scanned pointcloud objects with ease
- Automate surface meshing using pointclouds and meshes
- Create CAD geometry from pointcloud or mesh cross sections



QUICK SURFACE OPTION FOR VERISURF REVERSE

- quickly creates high-quality surfaces from scanned meshes or STL files
- Quick Surface maintains curvature continuity between adjacent surfaces
- ideal for creating smooth, freeform CAD surfaces, ideal for high-speed toolpaths, either from organic or prismatic meshes
- bidirectional direct exchange of data between Verisurf and Quick Surface

POWERED BY
VERISURF.

Universal CAD Format Platform

STANDARD INDUSTRY

STEP / IGES
STL / VDA
ACIS / PARASOLID

STANDARD NATIVE



OPTIONAL



Verisurf Education Solutions



Verisurf University Solutions are for anyone who desires to earn job ready skills in manufacturing inspection, tool building and reverse engineering

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