

## Unique Configurations to Fit Any 3D Metrology Application

Verisurf empowers manufacturers with 3D measurement solutions that assure product quality, reduce waste, and improve business profitability. Composed of integrated metrology modules offered in unique combinations, or suites—Verisurf is ideally suited to the most common manufacturing challenges.

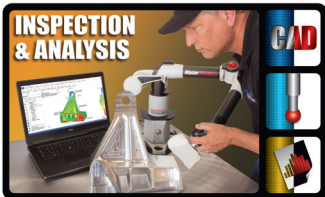


Offline version available

### CMM Programming & Inspection

Slash inspection plan setup from hours to minutes with almost no learning curve. Do it on any fixed CMM in an intuitive, click-and-build visual interface. (Order: 11027)

- ✓ Run Verisurf on any CNC CMM
- ✓ Programming skills not required
- ✓ Drag-and-drop interface
- ✓ Preview path/collision avoidance
- ✓ Create new plan while another runs
- ✓ Re-use plans on any device



Offline version available

### Inspection & Analysis

Do it better! Compare probe or scan data from any source to CAD. Best fit to reduce scrap and rework. Create informative, customized color reports. (Order: 11024)

- ✓ Compare pointclouds to CAD
- ✓ Automatic probe compensation
- ✓ Granular best fit control
- ✓ Measure any feature type
- ✓ Compare meshes to CAD
- ✓ One-click alignment, analysis, report



Offline version available

### 3D Scanning & Reverse Engineering

Create solid CAD models starting from any physical part in record time. A unique product designed exclusively for pointcloud to 3D, solid CAD model workflows. (Order: 11019)

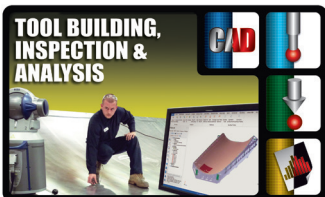
- ✓ Fast part-to-CAD model process
- ✓ Robust, integrated CAD modeler
- ✓ Precise alignment tools
- ✓ Extensive pointcloud and mesh editing
- ✓ Import, scan/measure, and mesh
- ✓ Advanced Power Surface tool



### Scan Data Suite

Transform scanned point cloud or mesh data into a 3D solid model or fit data to CAD and create color maps, and profile error inspection reports. (Order: 11018)

- ✓ Import large point clouds, meshes, and CAD models
- ✓ Quickly render and clean up scan data
- ✓ Automated feature extraction and NURBS surfacing
- ✓ Scan data alignment and mesh editing
- ✓ Produce watertight mesh STL models
- ✓ Complete intelligent 3D CAD models



### Tool Building, Inspection & Analysis

Tool and assembly building with live, interactive part detail locating and verification right on the shop floor. (Order: 11025)

- ✓ Real-time 3D deviation display
- ✓ Rapid inspection, analysis, and assembly to nominal CAD
- ✓ Level and plumb tooling, machinery, large parts
- ✓ Fast detail alignment
- ✓ Intuitive, graphical BUILD arrow
- ✓ Easy scribe/trim line position locating









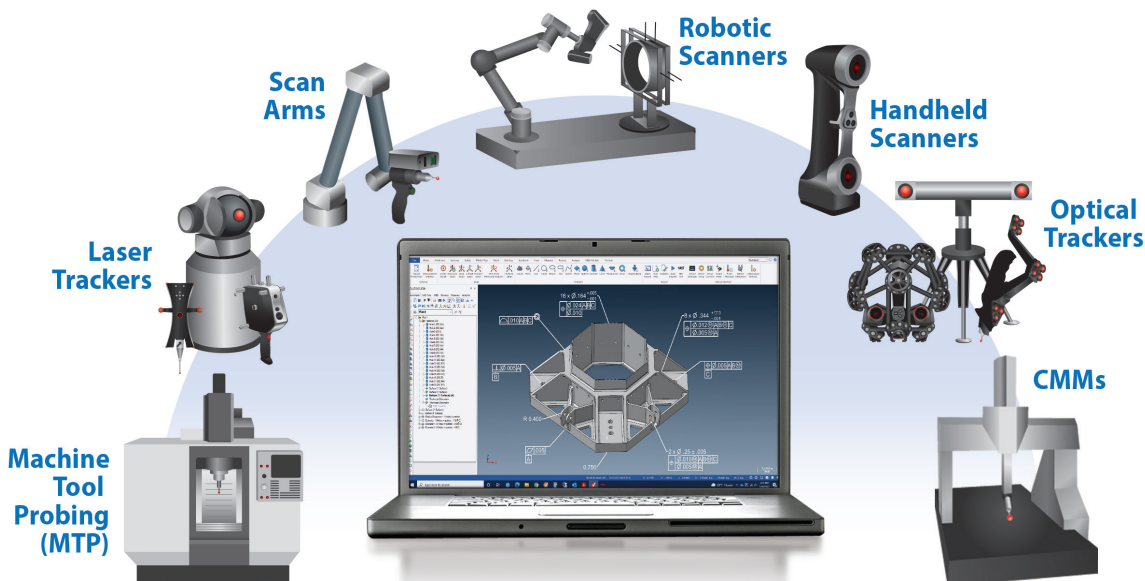
### Metrology Enterprise

All of Verisurf's capabilities integrated into a single, easy-to-learn and use experience that gives operators the capacity to execute any conceivable metrology workflow. (Order: 11007)

- ✓ Ideal for job shop flexibility needs
- ✓ Import CAD data from any source
- ✓ Use any measuring device
- ✓ Multiple levels of automation
- ✓ Easy import/export to/from CAD
- ✓ Includes all Verisurf capabilities

# VERISURF® Metrology Software

SUITES	MODULES					
	 <b>CAD</b> Built on today's most powerful, robust CAD system <i>(Order: 11001)</i>	 <b>MEASURE</b> The metrology tool for feature-based part inspection <i>(Order: 11002)</i>	 <b>ANALYSIS</b> Comparing inspection data to the nominal CAD model <i>(Order: 11005)</i>	 <b>AUTOMATE</b> Fast, easy CMM programming and operation <i>(Order: 11013)</i>	 <b>BUILD</b> Real-time, model-based inspection and assembly <i>(Order: 11004)</i>	 <b>REVERSE</b> Powerful, versatile reverse engineering software <i>(Order: 11006)</i>
Inspection	●	●				
3D Scanning & Inspection	●	●	●			
Offline Analysis	●		●			
CMM Programming & Inspection	●	●		●		
Offline CMM Programming	●			●		
3D Scanning & Reverse Engineering	●	●				●
Offline Reverse Engineering	●					●
Tool Building, Inspection & Analysis	●	●	●		●	
Metrology Enterprise	●	●	●	●	●	●



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 Inventor  
 KeyCreator  
 Mastercam  
 PTC Creo  
 Rhino  
 Siemens NX  
 Solid Edge  
 SolidWorks  
 SpaceClaim  
 Parasolid & ACIS  
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 QIF ISO 23952

  
**VERISURF®**  
 3D Measurement Solutions

Contact us to learn about special configurations, network floating and subscription license options.

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