



## **New Scan to 3D support for SolidWorks 2010!**

### **Measurement based Reverse Engineering Tool for MRO with ReverseEngineering.com 2010**

**La Jolla, CA, January 27, 2010** ReverseEngineering.com announced today that its newest product, ReverseEngineering.com 2010, measurement based reverse engineering and inspection software, has been optimized for maintenance, repair, and overhaul (MRO) operations. ReverseEngineering.com supports 64 bit supported CMM hardware under Windows 7 (WOW64).

*ReverseEngineering.com 2010* is designed for feature measurement, inspection, and CAD-to-part comparison directly in Solidworks using popular 3D scanners, Laser Trackers and portable manual CMM arms.

*ReverseEngineering.com 2010* is a Certified SolidWorks Gold OEM plug-and-play tool-set integrated with SolidWorks 2010 3D mechanical design software. Engineers and designers use SolidWorks with *ReverseEngineering.com 2010* to capture and measure data from existing parts, while working directly within the SolidWorks environment. What this means is that you measure and digitize directly into a CAD system there is no translation or associated cost required.

*ReverseEngineering.com 2010* is designed specifically to support the critical aspects of MRO.

Just some of the advanced features and capabilities of *ReverseEngineering.com 2010* include:

- Pull-down menu, toolbar, and command manager integration that provides an efficient user interface for measurement.
- Repeat Part datum alignment.
- Integrated Property Page Manager for quick data collection configuration requirements
- Integration between scan device, mouse, and the CAD system
- CAD system Feature Tree Management lets you organize measured and nominal data.
- The ability to scan millions of points and create lock plane and radial profiles for inspection with user-defined plane tolerancing.
- On-Demand scan data database can be accessed anytime and modified at anytime.

Some of the most common industry applications for the *ReverseEngineering.com 2010* product include:

- Aerospace: Alignment, Tooling & Mold Certification, Part Inspection.
- Automotive: Tool Building and Certification, Alignment, Part Inspection.
- Metal Fabrication: First article inspection, Periodic Part Inspection.
- Molding/Tool and Die: Mold and Die Inspection, Prototype Part Scanning.

“*ReverseEngineering.com 2010* seamlessly aligns SolidWorks SCAN to 3D to the real-time scan of your part, and instantly lets you check a prototype via mesh to surface deviation, or analyze assembly fit problems, and then simultaneously update your Solidworks design,” said Braxton Carter, chief technology officer, ReverseEngineering.com. “Because of this unique OEM



integration to the SolidWorks interface, engineers are more productive and experience a complete harmony between the movement of the CMM, the mouse, and SolidWorks.”

*ReverseEngineering.com 2010* supports coordinate measuring machine (CMM) devices such as Faro, Romer/Hexagon, MicroScribe, Baces3D, Nikon Metrology NV and 3D Creator. Demonstrations can be seen at the SolidWorks World 2010, Anaheim Convention Center, Anaheim, California, January 30<sup>th</sup> through February 3, 2010 in Booth #200.

### **About ReverseEngineering.com**

Established in 1986, ReverseEngineering.com is an industry leader in supplying indigenous bridging software for Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) systems, portable coordinate measuring machines (CMMs) and other scanning devices.

ReverseEngineering.com software seamlessly bridges native CAD integration with 3D engineering applications, such as reverse engineering, inspection, and measurement.

Based out of La Jolla, CA, ReverseEngineering.com has recently expanded and enhanced its operations with an increased focus on customer service and research and development.

Dedicated to developing unprecedented CAD-integrated 3D reverse engineering solutions, the continuous growth of the product line is primarily attributed to user input and has led to the addition of new features that improve 3D digitizing processes.

Providing a universal front end for reverse engineering, ReverseEngineering.com’s software solutions eliminate common data translation issues that are typically associated with reverse engineering and related applications. Such risks are often associated with moving digitized geometry through the design and manufacturing cycle, from Scanner to CAD.

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