



REVERSE ENGINEERING.COM[®]

CAD Integrated 3D Probing and ScanToCAD software tools

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SOLIDWORKS CERTIFIED PARTNER PRODUCT

CERTIFIED
Gold
Product

 SOLIDWORKS

ReverseEngineering.com Add-in for SOLIDWORKS

Part Setup - Probe - Scan - Model - Validate

***Simplified Probe
and Scan***

How It Works - 4 Simple Steps with PCMM

1

Setup & Alignment

Part Set Up - Set Alignment 3-2-1 * Part to CAD any alignment you want. Connect Romer Absolute or FARO ARM and select probe compensation.

2

3D Probe & Scan To CAD

Probe and Scan high-accuracy 3D data. Live tracking XYZ DRO position displayed on screen in real-time. Measure probe compensated planes and inside/outside hole diameters in real-time.

3

Model & Inspect

Model, Measure or Inspect in a closed loop environment against captured 3D/2D Sketch data. CAD model with comprehensive analysis. Validate with deviation analysis or compare nominal to 3D measured. Create solid models from large scan point clouds and extract exact inspection profiles on demand with one mouse click.

4

Optimize & Dimension

Modify, Dimension or Create drawings with confidence using parametric CAD models generated from your probe and scan data.



*Create physical
Part to CAD models
and measure all
within a closed
loop environment!*

ReverseEngineering.com toolbar works natively inside SOLIDWORKS. Eliminate the need to create scanned CAD models from scratch. Gain access to powerful slicing, fitting, and snapping tools. Create parametric CAD simply by tracing right to 2D cross sections and probe 2D/3D scan data (Scan to CAD).

***Establish a robust CAD infrastructure to ensure consistency and
stability throughout downstream engineering and manufacturing processes.***

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