

The fastest path from scan data to CAD models

Scan-to-CAD

Part of the Creaform Metrology Suite™



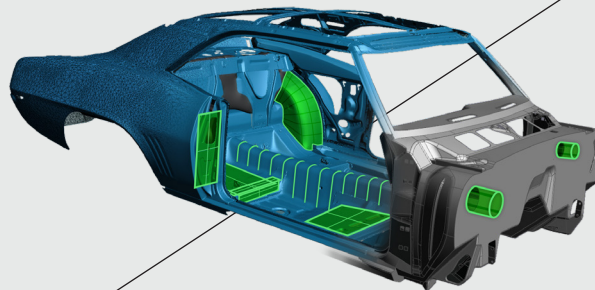
Complex and inefficient workflows make creating accurate CAD models from scan data difficult. As designers and engineers must work around limited mesh-handling functionalities in CAD software, extracting information from scan data is time-consuming and labor-intensive.

To overcome these challenges, Creaform developed Scan-to-CAD software module.

Scan-to-CAD is a post-processing software module designed to simplify feature extraction and CAD modeling from scan data. Powered by advanced mesh algorithms, it offers flexible alignment, optimized mesh editing, and a robust toolset for automatic feature creation.

Scan-to-CAD transfers extracted geometry directly into any CAD platform. Parametric transfer is even made easier with SOLIDWORKS, giving designers a seamless path from scan to CAD in just a few clicks—boosting both efficiency and capability.

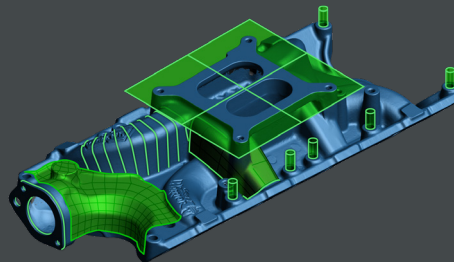
Satisfied with its performance and comprehensive toolset, thousands of professionals have endorsed Scan-to-CAD as their go-to complement to CAD software—enabling the most streamlined workflow from scan to mesh to CAD.



Learn more

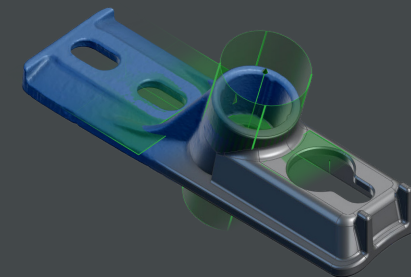
Scan-to-CAD

Scan-to-CAD is a software module tailored for product development that streamlines mesh editing, alignment, and entity creation. Designed to complement CAD software, it includes only the essential tools—offering a clean, intuitive interface for extracting valuable information from scan data. As the most user-friendly reverse engineering toolset available, Scan-to-CAD ensures a seamless scan data transfer into any CAD platform.



Scan-to-CAD Pro

Scan-to-CAD Pro is an advanced reverse engineering module built for product development engineers who want to sketch and model directly on scan data—enabling operations from cross-section extraction to solid feature creation and complete parametric CAD models, all with minimal effort. With a streamlined transition to CAD software like SOLIDWORKS, Scan-to-CAD Pro offers the easiest-to-use reverse engineering suite for feature extraction and CAD modeling.

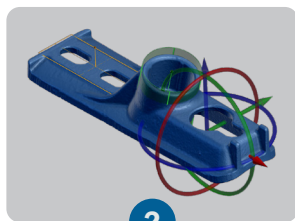


1

Mesh Editing

Save time by preparing scans for feature extraction and modeling

Turn raw scan data into clean, optimized models with minimal effort

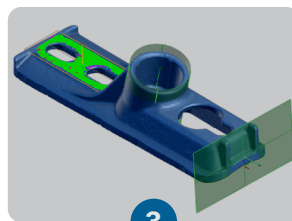


2

Alignment

Simplify downstream sketching and modeling operations

Ensure scan data is CAD-ready before export

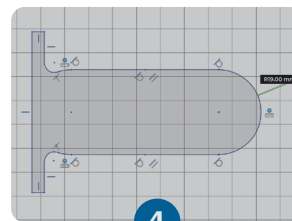


3

Feature Extraction

Accelerate reverse engineering of complex parts

Reduce manual modeling by leveraging scan intelligence

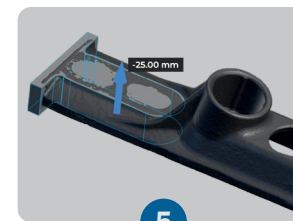


4

2D Sketching

Draw sketches directly on scan cross-sections to create entities quickly and easily

Build the foundation for 3D models faster and more accurately

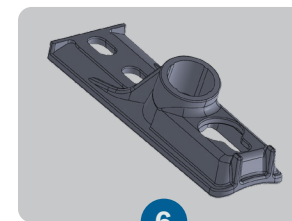


5

3D Modeling

Cut down time by modeling directly inside the scan project

Streamline transition to CAD with seamless file preparation for parametric export



6

Parametric Transfer to SOLIDWORKS

Enable easy design edits and feature-driven modeling

Simplify designs by transferring real, editable CAD models

Scan-to-CAD

Transfer to CAD software

Scan-to-CAD Pro

Export IGES or STEP to any CAD software

For an unparalleled experience connect with us at the nearest office located in USA.

creaform3d.com

CREAFORM / AMETEK®



To contact us

Authorized Distributor

Creaform Metrology Suite is a trademarks of Creaform Inc. © Creaform Inc. 2025. All rights reserved. V1