

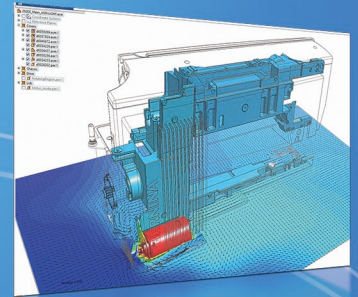
# EinScan Reverse Engineering Design Bundle

A professional multi-functional 3D scanner with reverse engineering and CAD capabilities

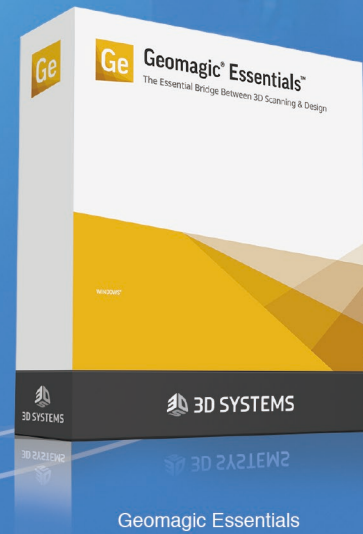


EinScan Pro 2X / 2X Plus

Industrial Pack



Solid Edge  
SHINING 3D Edition



Geomagic Essentials

SHINING 3D is partnering with 3D Systems and Siemens to bring you the latest all in one solution for reverse engineering. Now you can scan with EinScan Pro 2X & 2X Plus multi-functional handheld 3D scanner to get high-quality 3D data. Convert your 3D scans to CAD easier than ever before in Geomagic Essentials. Complete your design for 3D printing and manufacturing with powerful design tool Solid Edge SHINING 3D Edition.

## EinScan Pro 2X & 2X Plus

EinScan Pro 2X & EinScan Pro 2X Plus, the latest generation of SHINING 3D multi-functional handheld 3D scanner greatly improve the efficiency of high-quality 3D modeling. This new model features portable and modular design, high-accuracy and high-speed scanning, meeting various demands of 3D scanning objects from small to large sizes.



Portable  
&  
User-friendly Design



Outstanding Scan  
Performance



Versatile Scan Modes  
&  
Align Modes



Modular Design to  
Meet a Wide Range  
of Applications



New Scanning  
Software  
EXScan Pro



• Handheld Scan Mode



• Fixed Scan Mode

# Geomagic Essentials



Point Cloud & Mesh Editing



Precise Alignment



Cross Section



Precise Geometry



Extraction



Nurbs Surfacing

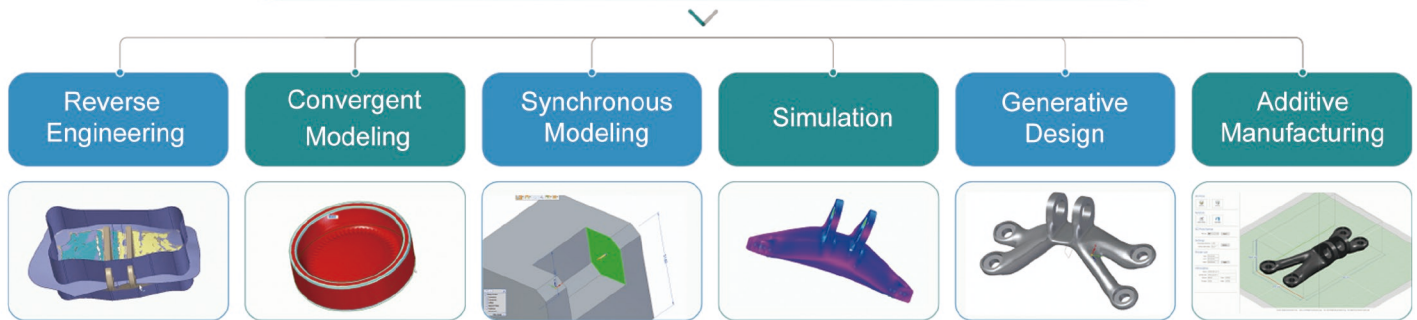
Geomagic Essentials provides the tools needed for processing 3D scan data. (scan to print, downstream reverse engineering workflows in your native CAD)

- Scan processing allows you to directly edit scan data
- Manage file size through decimation for faster processing
- Scan-native application for better performance and efficiency
- High quality automatic CAD conversion
- Feature extraction allows for the extraction of CAD perfect shapes from scan data
- Precise geometry allows you to compare design features to scan data for accuracy analysis
- Convert your 3D scan data to a solid format
- Import all geometry into the native CAD package for a familiar modeling environment



As a new generation of digital innovation platform, Solid Edge SHINING 3D Edition includes reverse engineering, generative design, and simulation together with CAD tool in one platform.

## Solid Edge SHINING 3D Edition 2019



**CAD software:  
Solid Edge SHINING 3D Edition**

# Complete Scan to CAD Workflow



## 3D SCAN

EinScan Pro 2X / 2X Plus  
& Industrial Pack



## Data Processing

Geomagic Essentials

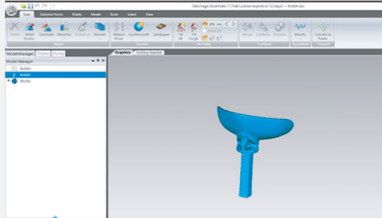
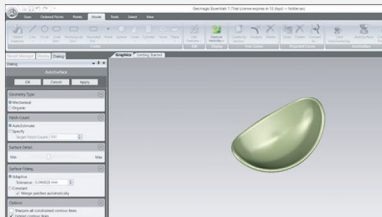


## Design

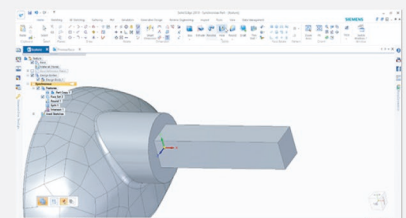
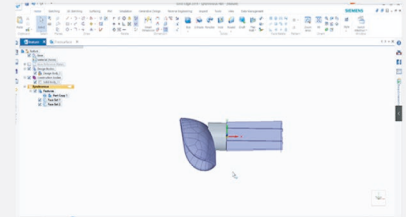
Solid Edge  
SHINING 3D Edition



Scan an object with EinScan Pro 2X. Export your scanned data to Geomagic Essentials.



Complete mesh, align data, extract features and NURBS in Geomagic Essentials.



Do reverse engineering in Solid Edge SHINING 3D Edition.

# Applications

Reverse CAD

Reverse Engineering

Modeling

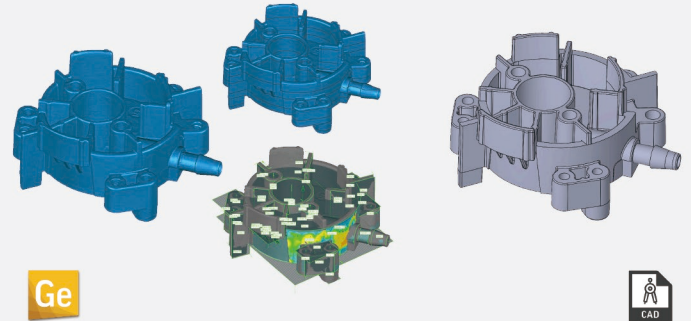
3D Analysis and Archiving

3D Designing

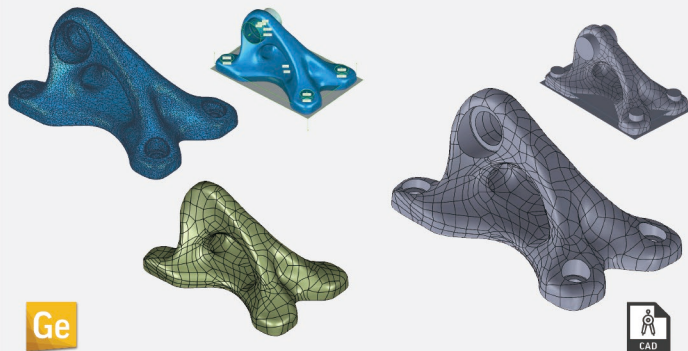
Rapid Prototyping

Scan to Print

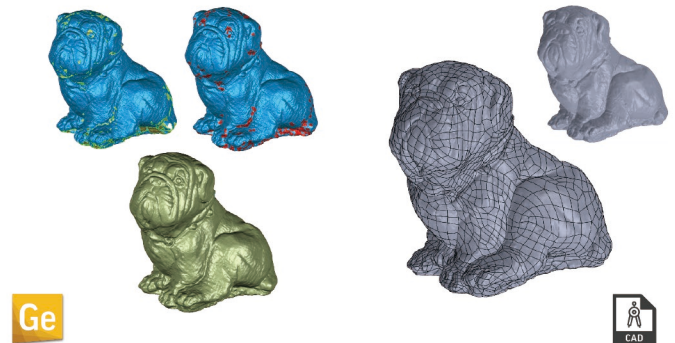
## Mechanical Example



## Hybrid Example



## Organic Example



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