FOR MORE
SHINING
IDEAS

Geomagic Essentials 101

Zhechen Dai

Intro

SHINING 3D
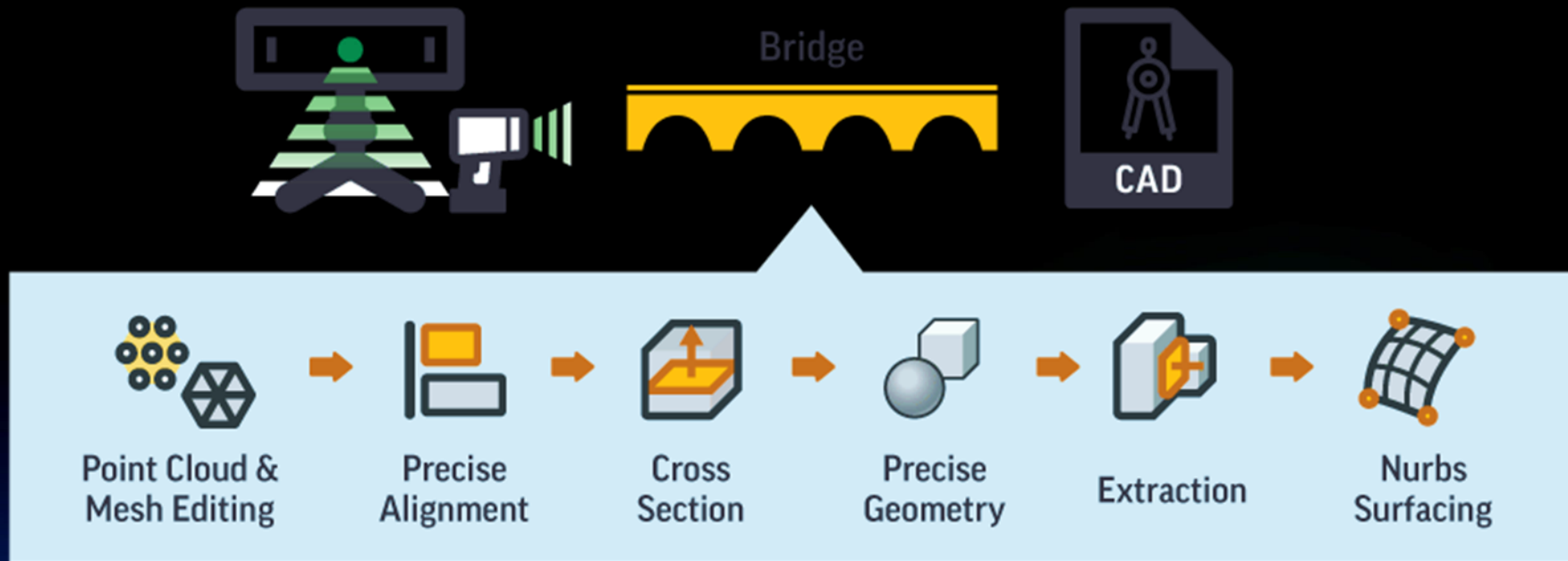
Activation & Deactivation

New release V2.0.2.3001 on Aug 11th

The following is the expected behavior after the release on 11th August:

- Customers have activated and running the older version of Essentials, i.e. 2.0.1.3000 or earlier, can continue to run it even after 8/11.

- Customers cannot reactivate the older version, i.e. 2.0.1.3000 or earlier, after 8/11.

- Customers must use the new Essentials version, i.e. 2.0.2.3001 after 8/11.

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Functions

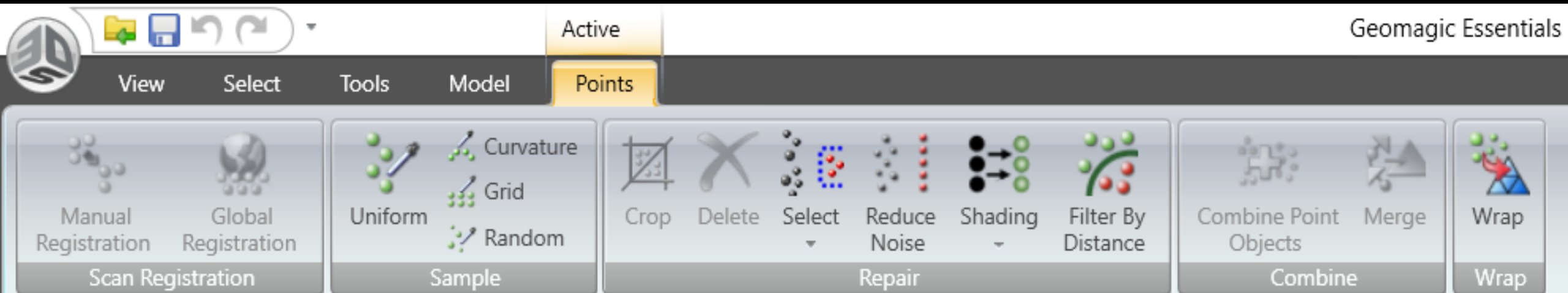**1** Point cloud process

2 Mesh data process

3 Export to Solid Edge

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01

Point Cloud Process

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Point Cloud Data Process

Data input options

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Point Cloud Data Process
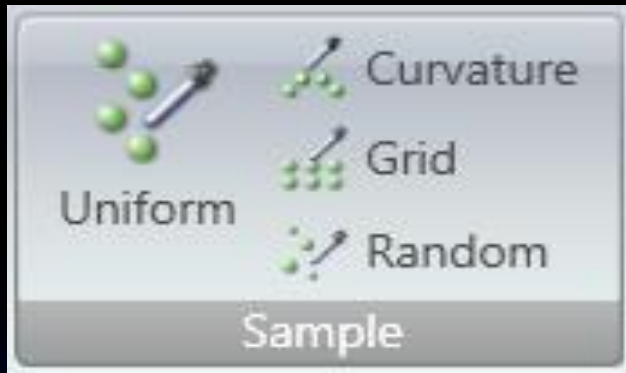
a. Data sample

b. Repair

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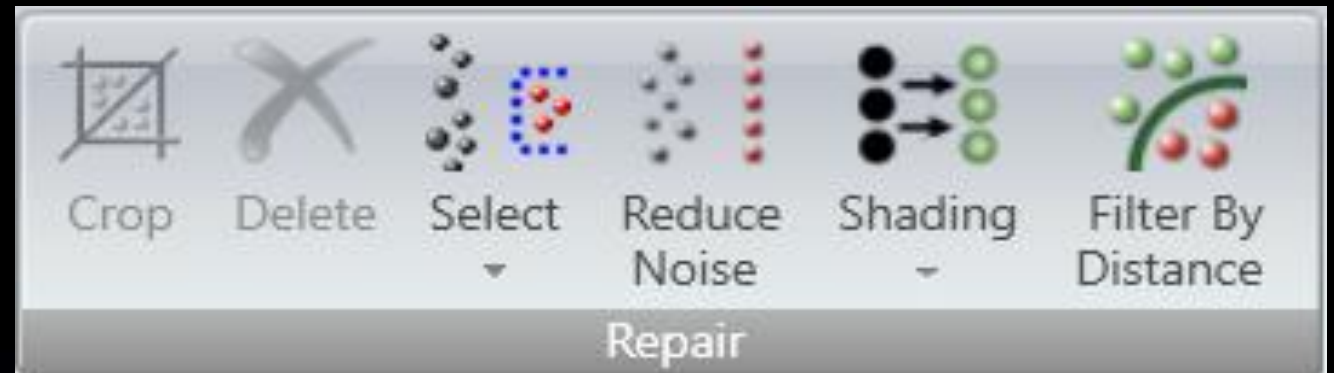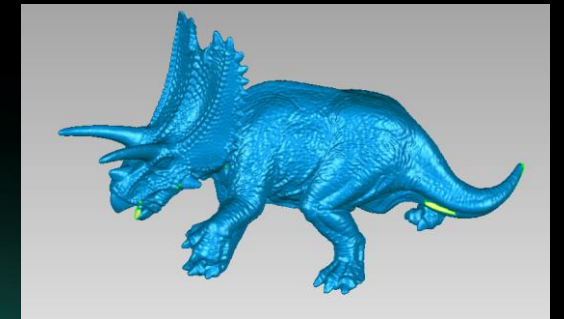
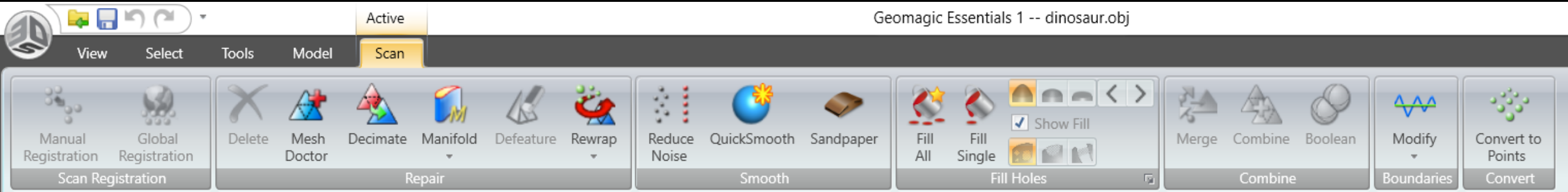# Point Cloud Data Process

c. Multiple data registration

d. Wrap

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02

Mesh Data Process

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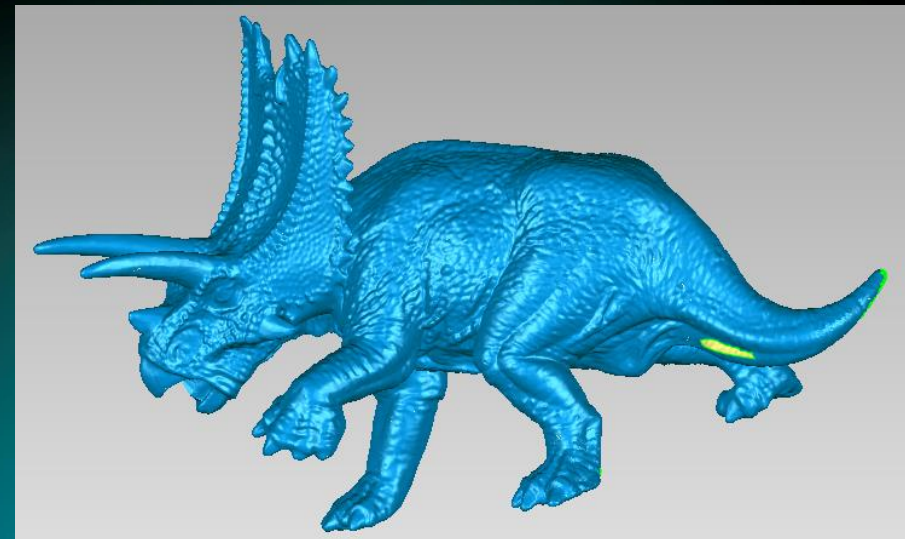# Selection Tool

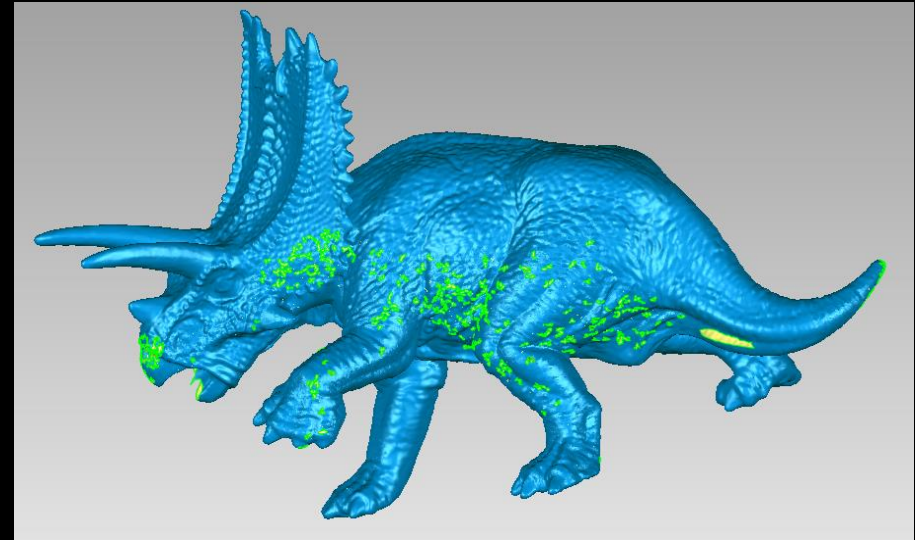SHINING 3D

Mesh Data Process

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Data Repair

SHINING 3D
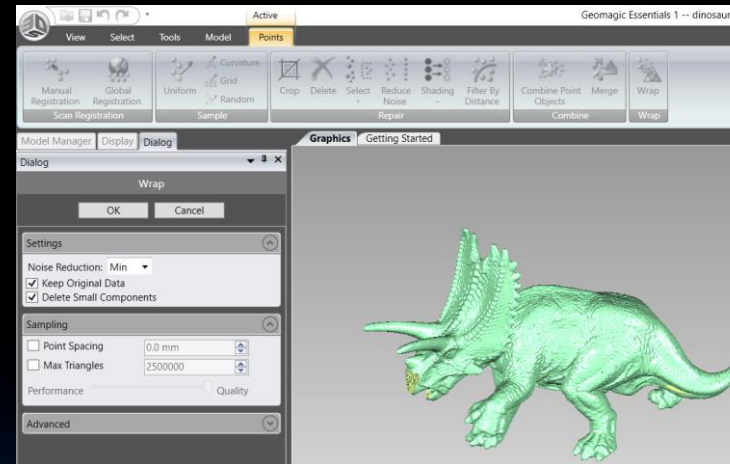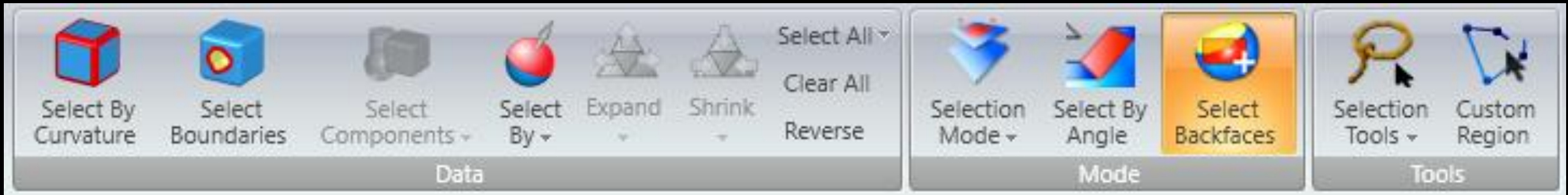
Remesh

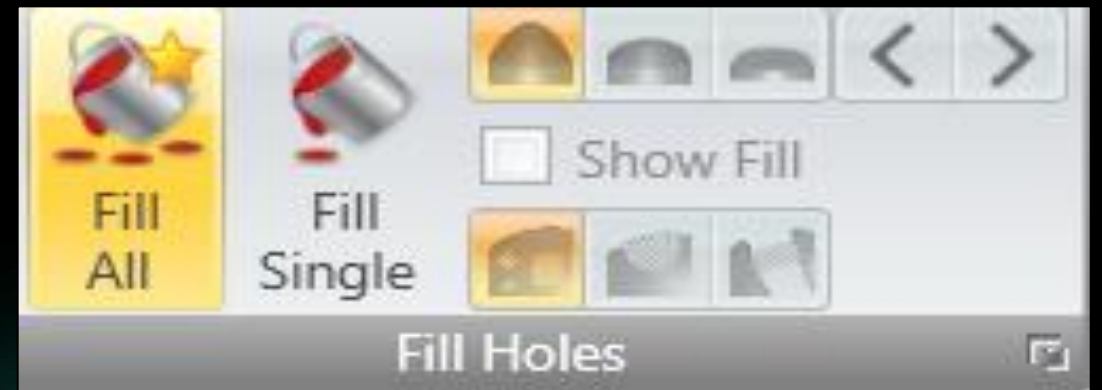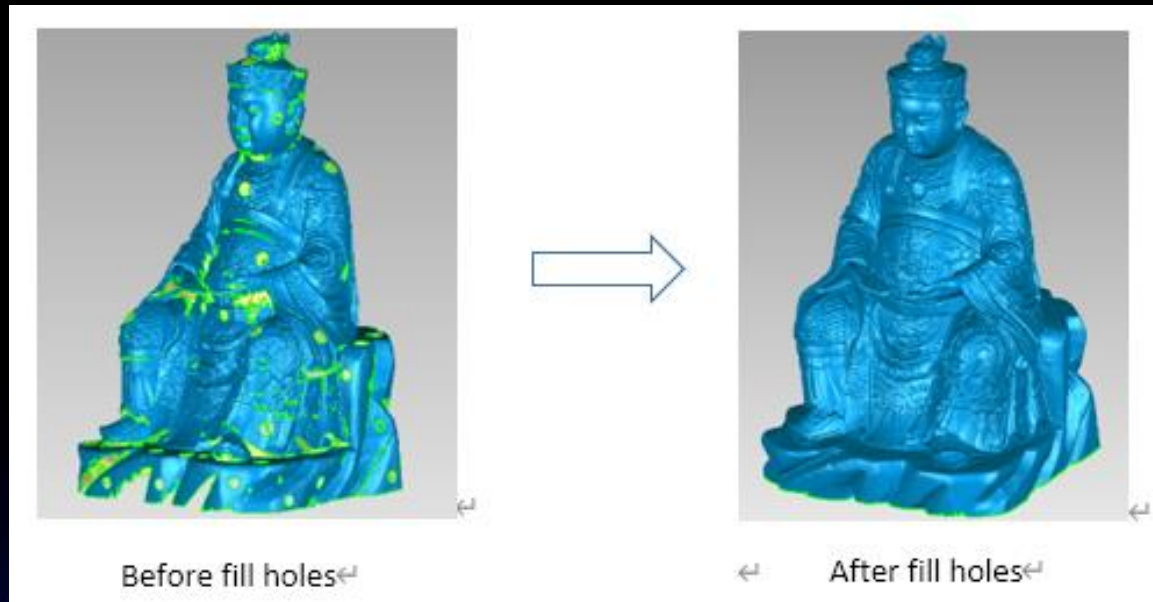
Remesh

Refine

Rewrap

Repair Normals

Flip Normals

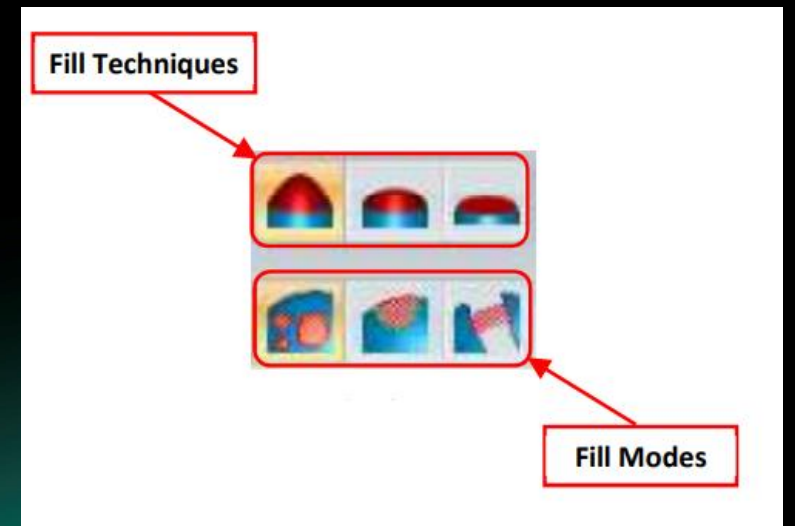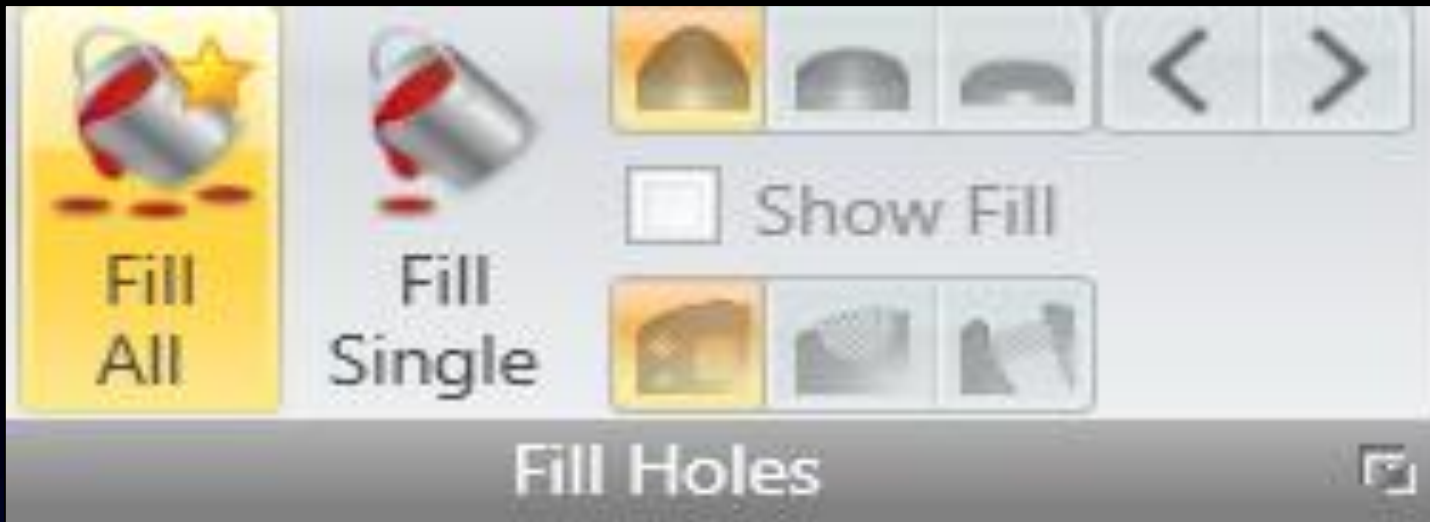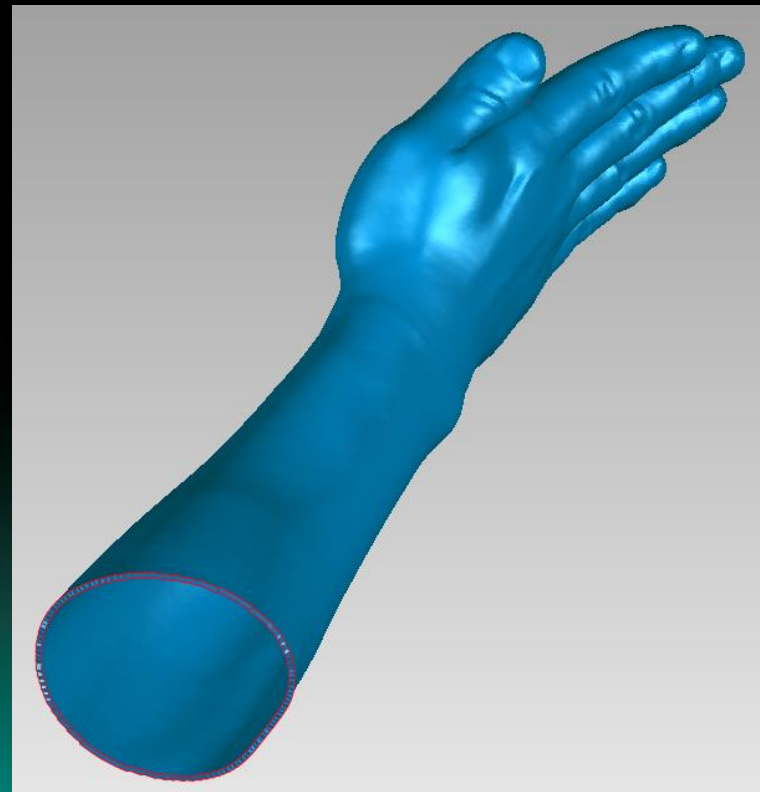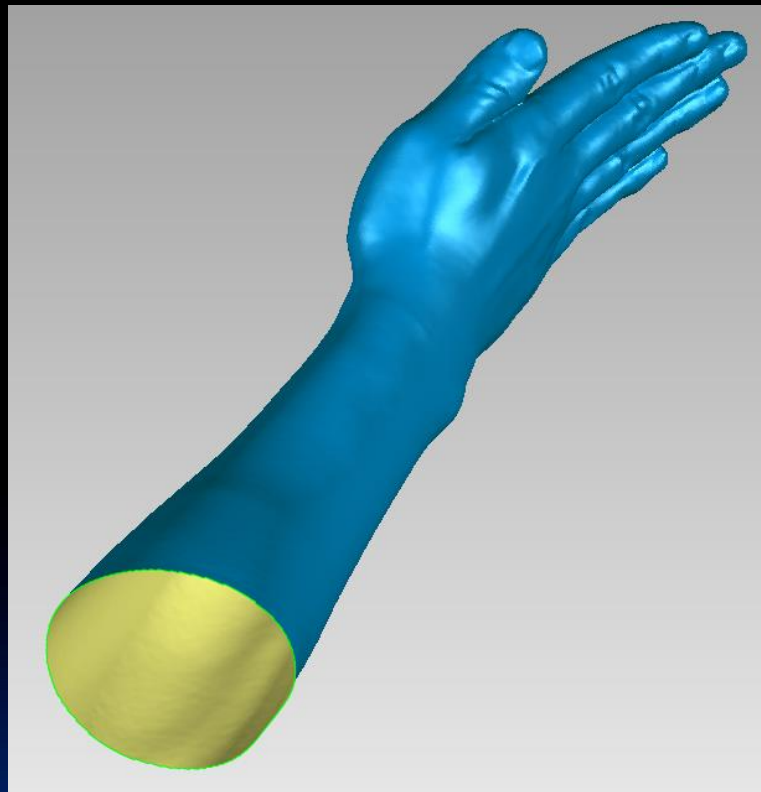SHINING 3D
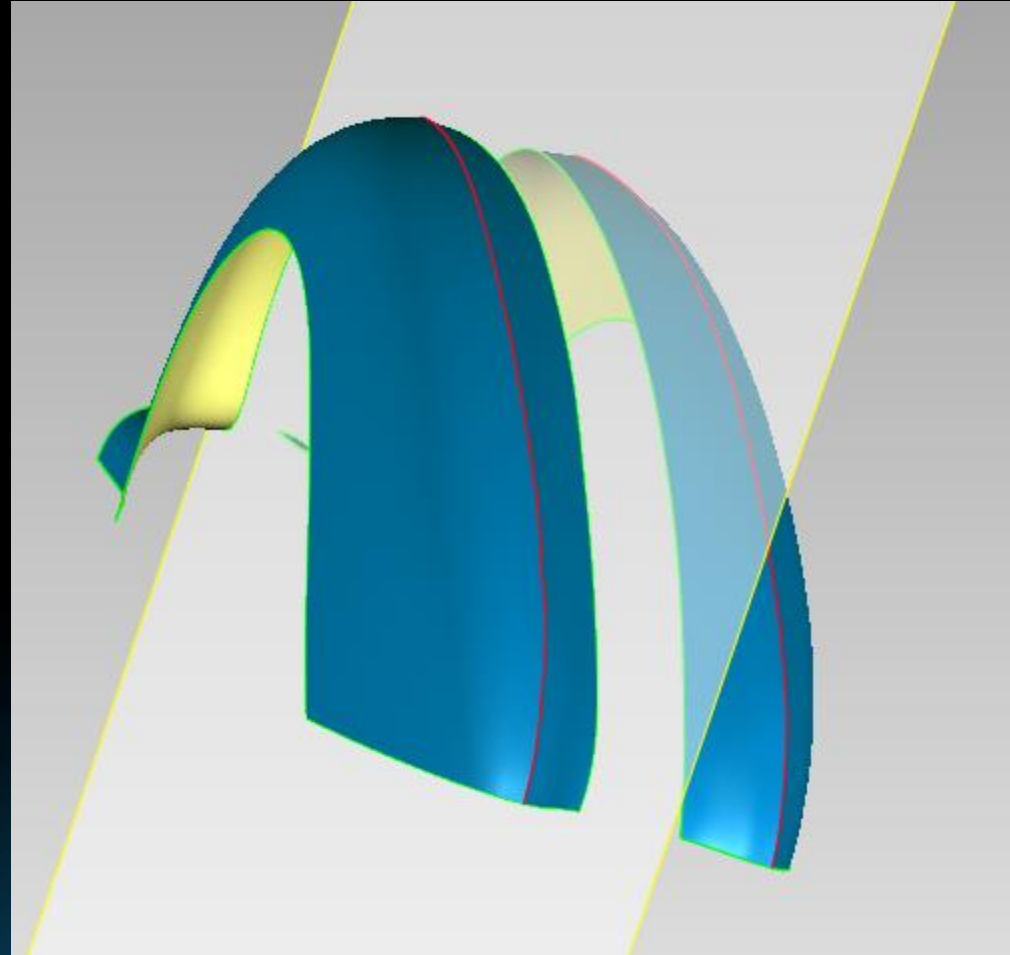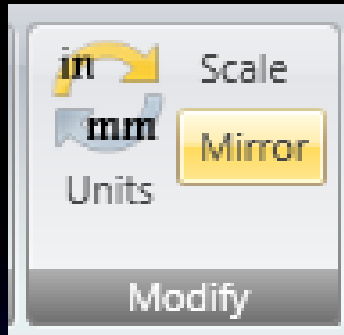
Smooth

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Fill Holes

Before fill holes

After fill holes

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Fill Holes Options

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Shell

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Mirror

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03

Export to Solid Edge

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Auto Surface Function

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Detect & Create Features/ Curves

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Detect & Create Features/ Curves

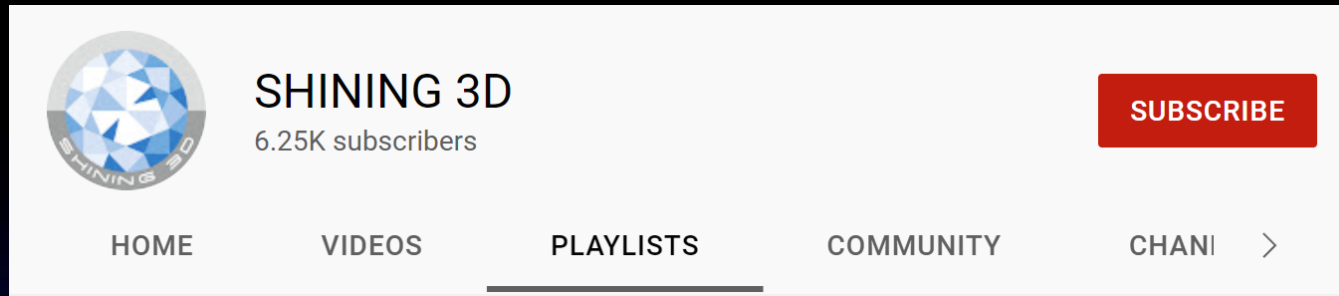SHINING 3D
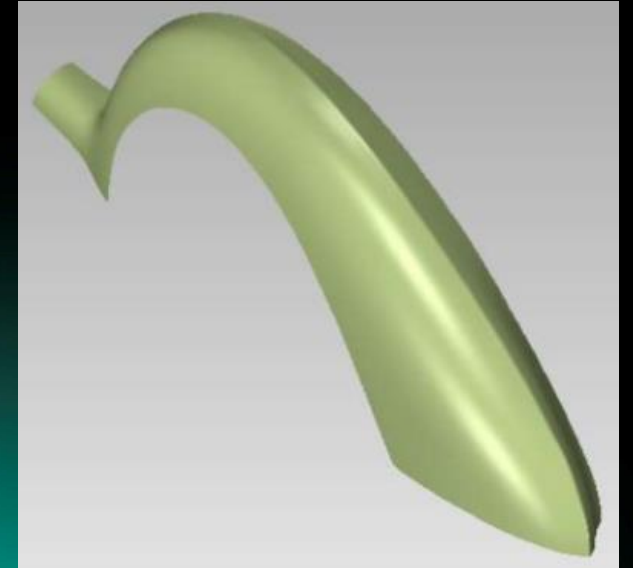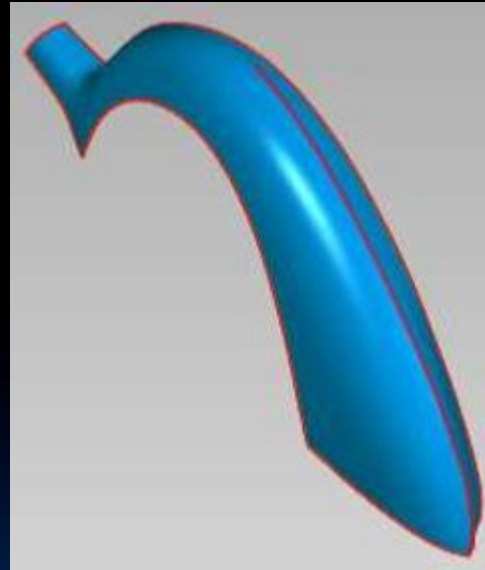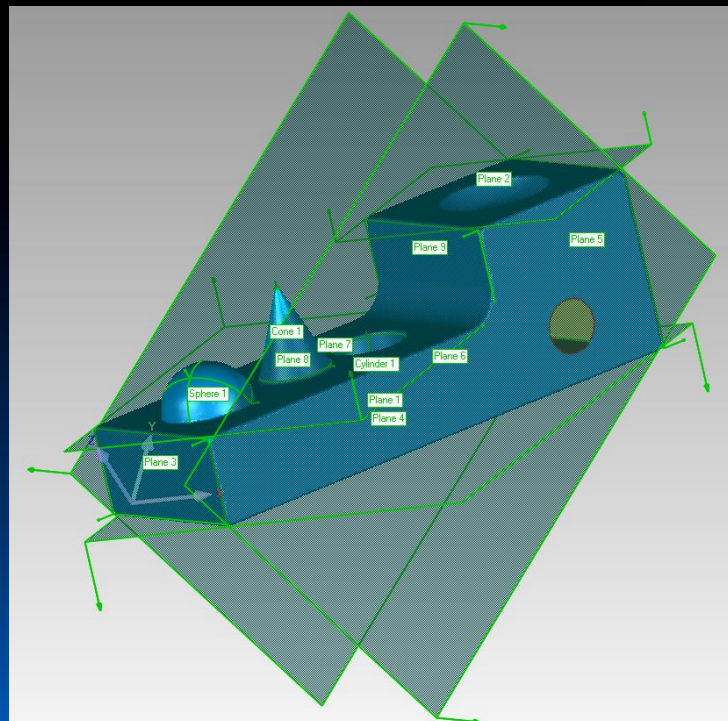
Coordinate Alignment

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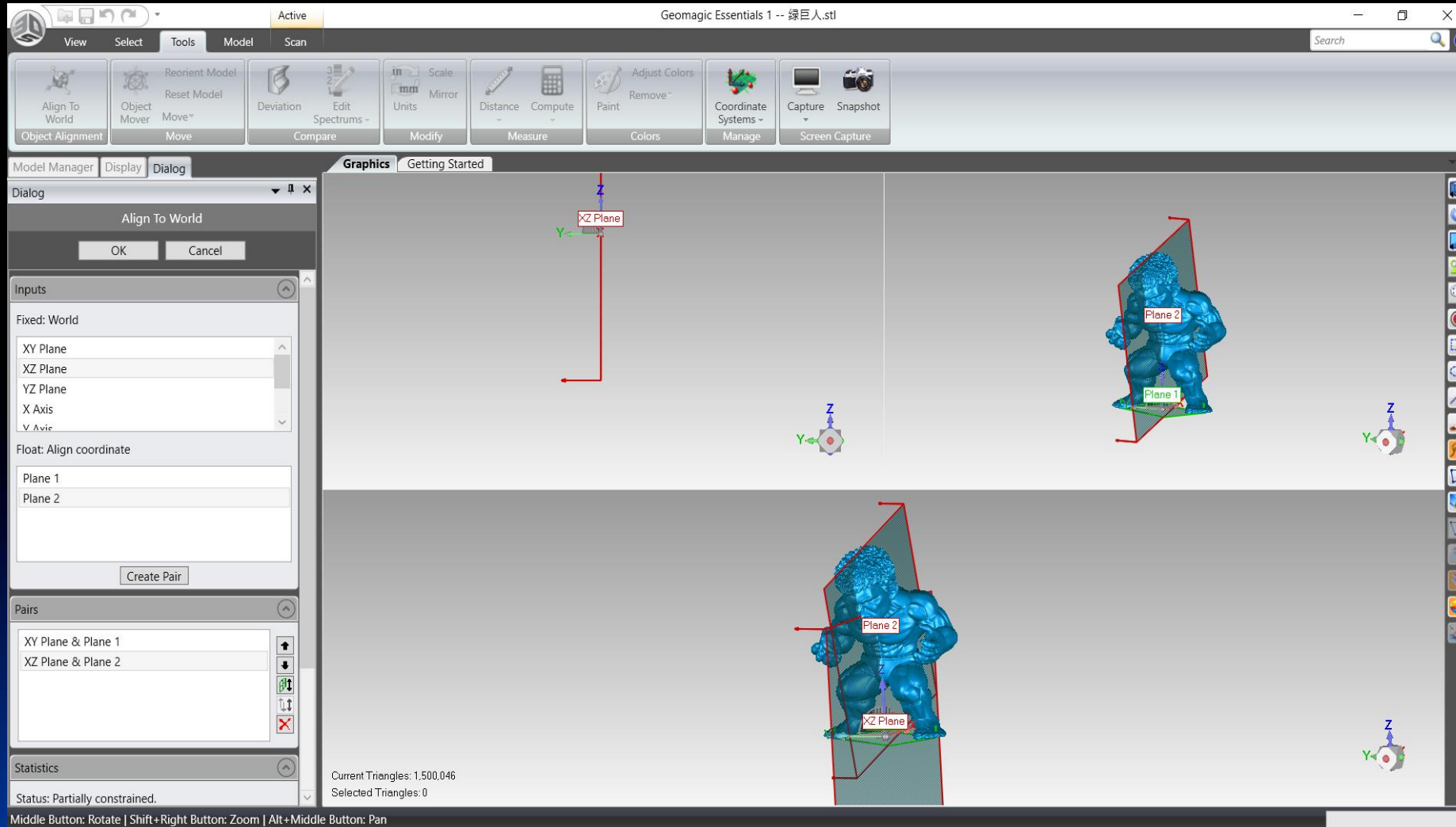
Export Data
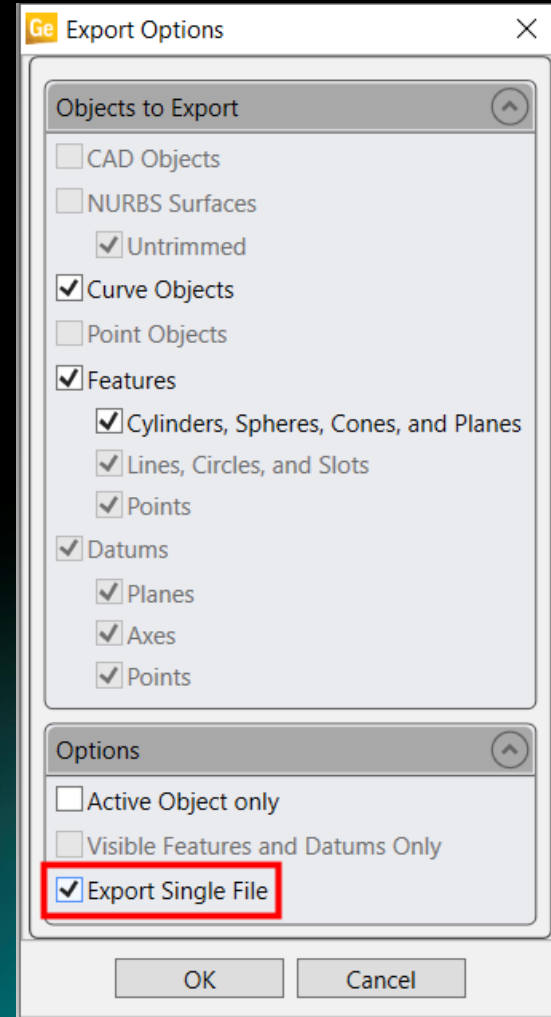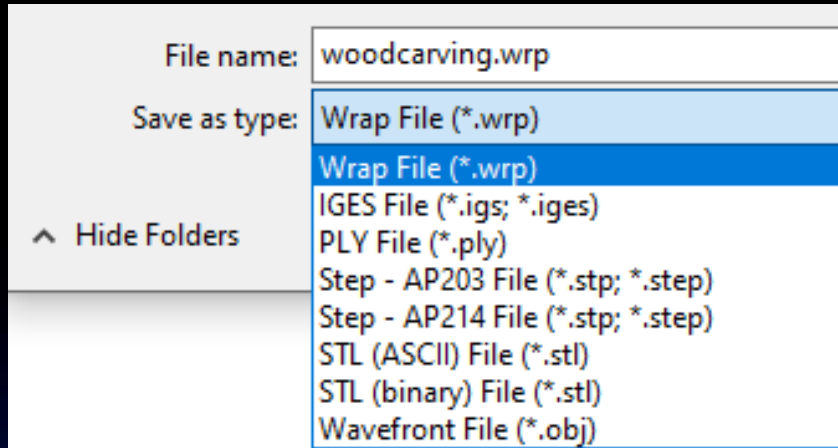
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Webinar Review

- YouTube Playlist - EinScan Webinar Series

- EinScan Salon & Webinar webpage (Launch at the end of this month)

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Advanced GE Webinar

Send your model to me:

daizhechen@shining3d.com

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Practice File

https://drive.google.com/drive/folders/1kpOJ9elbRzgYNfhf0Mw2uGo6-hXgacjc?usp=sharing

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