# Gs Geomagic® for SOLIDWORKS® 2019

## The Only Complete Scan-to-SOLIDWORKS Solution

Geomagic for SOLIDWORKS is the industry's most complete integrated Scan-to-SOLIDWORKS CAD software solution. Reduce the time required to build complex 3D models of real world objects by directly scanning or importing scan data in SOLIDWORKS. Geomagic for SOLIDWORKS 2019 introduces enhanced importing and scanning, streamlined workflows and enriched user experience enabling you to elevate your 3D scanning workflow and product development process.

### Enhanced Scanning

**More options to improve your design process**

- Directly scan with color for better context and clarity in the design process.
- More options with updated scanner compatibility and wider point data format support.
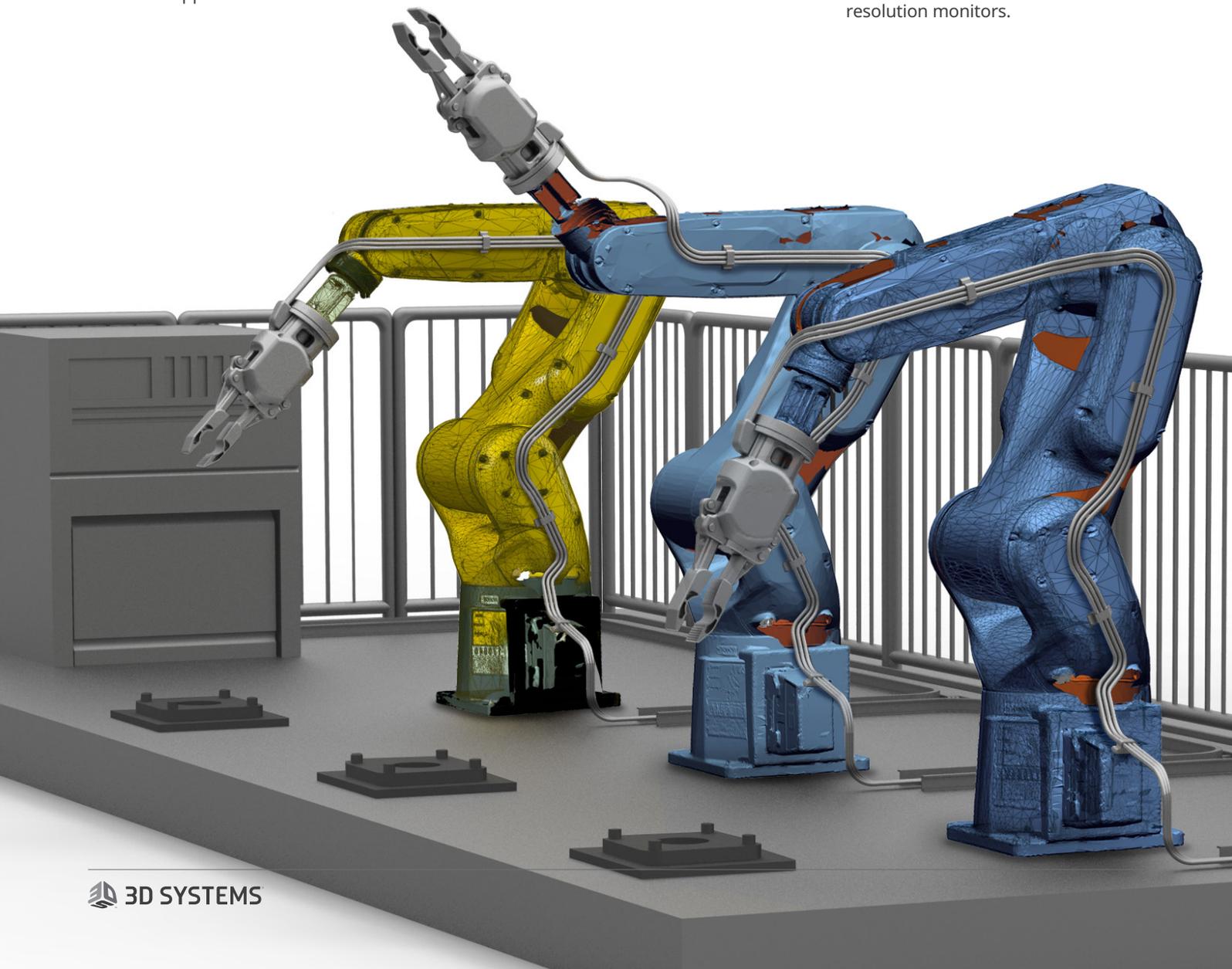
### Streamlined Workflows

**New tools for more efficient workflows**

- Quickly and easily capture single probe point for feature centers or building block for complex geometry.
- Rapidly create SOLIDWORKS surfaces with reference points from mesh data.

### Enriched User Experience

**Improved clarity and accessibility**

- Color scheme easily identifies Geomagic tools from SOLIDWORKS tools.
- Readily access commands in menus or ribbon tool bars.
- Interface enabled for use with high resolution monitors.



## 3D SYSTEMS

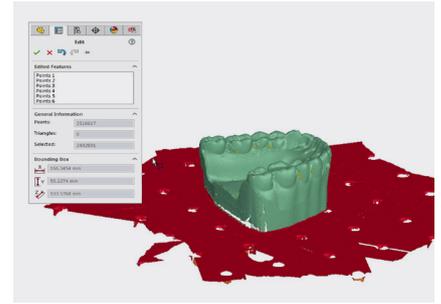# New & Enhanced Features in Geomagic® for SOLIDWORKS® 2019



## Color Scanning

- Directly scan into SOLIDWORKS with point color information.
- Import scan data file formats that include vertex colors or texture mapping.
- Toggle on and off the texture and color information in color scan data.
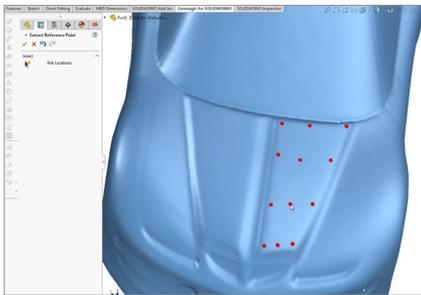


## Probe Point Command

Quickly and easily create reference points from a probe device. These points could represent the center of a hole, a point to extrude to, or the building blocks for more complex geometry.
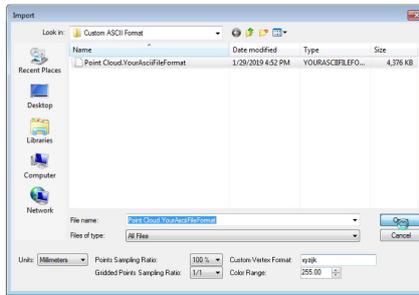


## Edit Scans Command

Multiple scans can be selected and edited at the same time which speeds up the mesh editing workflow.
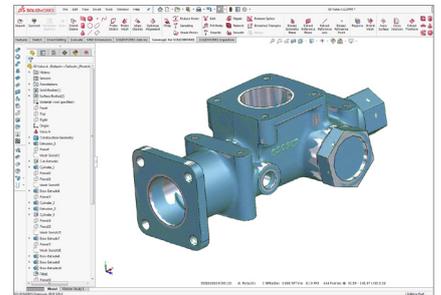


## Extract Reference Point Command

Create reference points from mesh objects that can be used for downstream workflows, such as spline and surface creation.



## Updated compatibility with scanners and file formats

- Faro Scan Arms
- Hexagon Romer Absolute Arms
- Creaform Scanning Systems
- Nikon Metrology Measuring Arms
- Artec Scanners
- 3D Systems Capture Scanner
- XYZ file format
- PTS file format



## Enhanced UI/UX

- Refreshed ribbon icons with color scheme to distinguish icons and commands.
- Geomagic help document and support site available through SOLIDWORKS menu.

## If you're on maintenance

Download Geomagic for SOLIDWORKS 2019 today at **softwaresupport.3dsystems.com**

## If you're off maintenance

Contact your Geomagic for SOLIDWORKS reseller or visit: **3dsystems.com/how-to-buy**

Find out more at: **https://www.3dsystems.com/software/geomagic-solidworks**