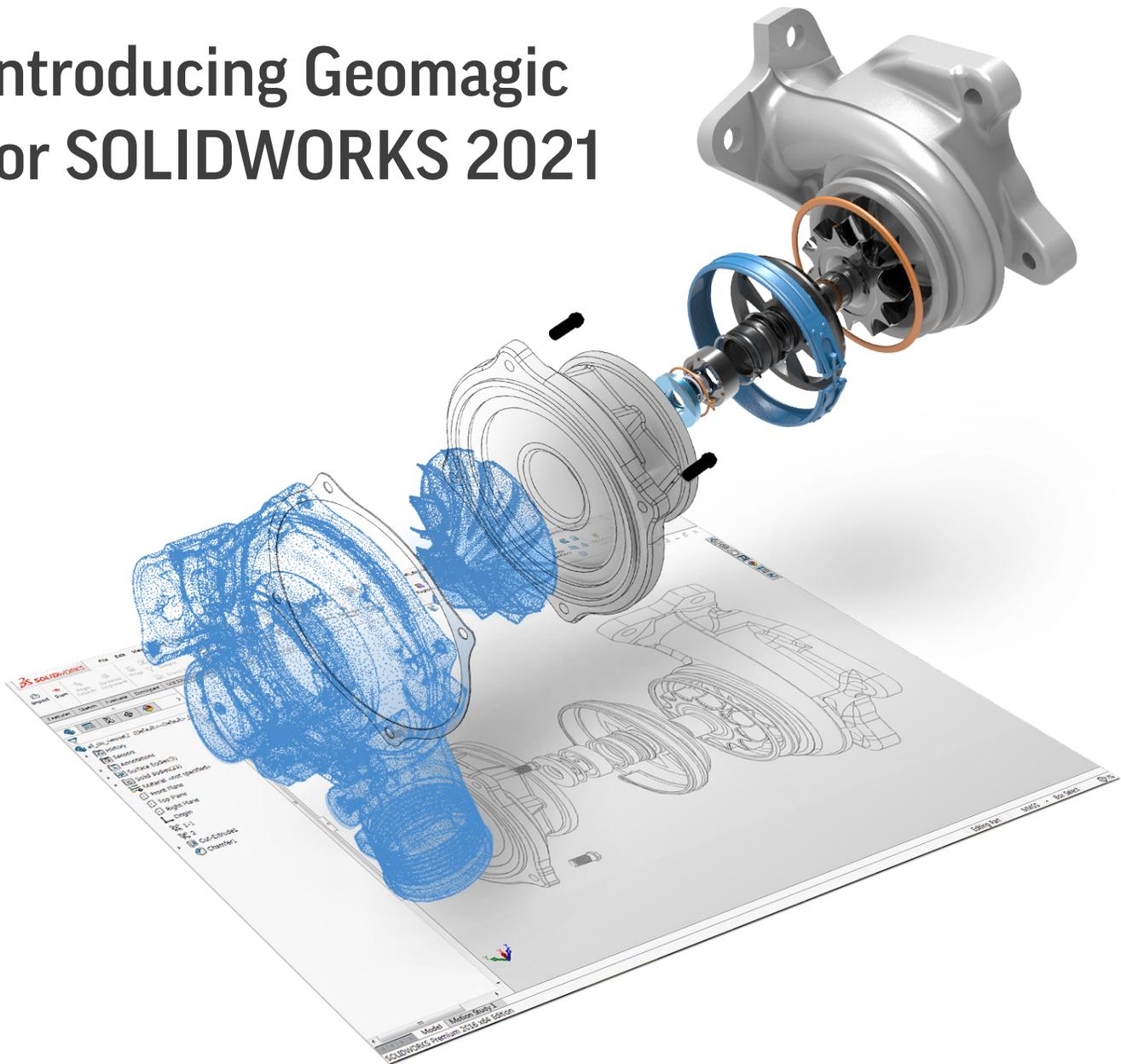


Introducing Geomagic for SOLIDWORKS 2021

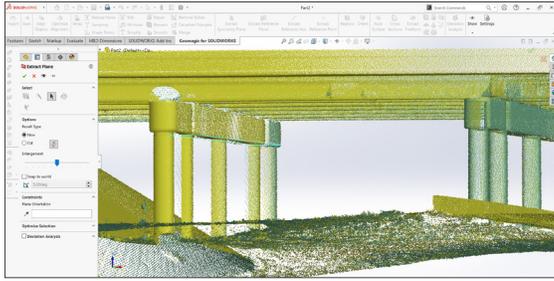


The integrated reverse-engineering software toolset that plugs directly into your SOLIDWORKS environment. The release of Geomagic for SOLIDWORKS 2021 enhances the scan-to-CAD workflows inside of SOLIDWORKS by enabling reverse engineering directly from point clouds. Additionally, new workflow improvements speed up the overall reverse-engineering process.

- Extract geometry and features directly from point cloud data
- Create sketches and design directly from point cloud data
- Create 3D Splines from both polygon and point cloud data

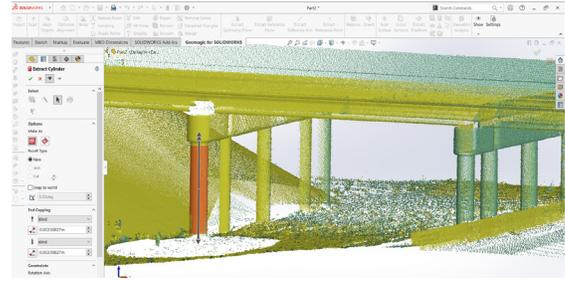
New & Enhanced Features in Geomagic for SOLIDWORKS 2021

Extract Reference Geometry from Point Clouds



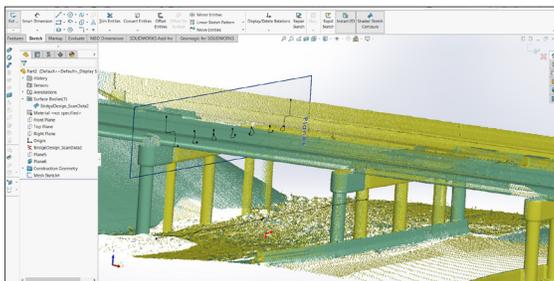
Save time and skip the meshing! Extract reference geometries directly from point clouds.

Extract Geometry Features from Point Clouds



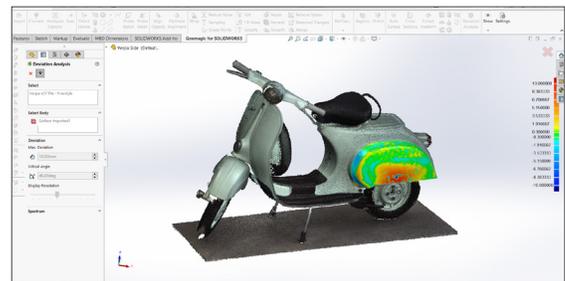
Create features faster generating editable CAD features directly from point clouds.

Create Cross-Sections from Point Clouds



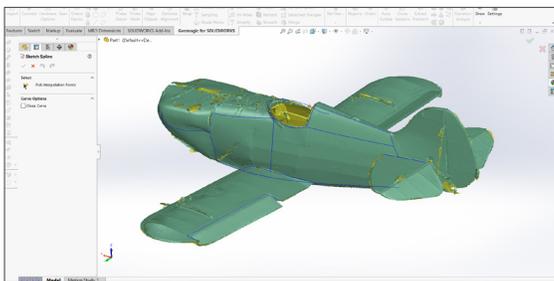
Capture details accurately. Cross-sections can be created from point clouds for downstream sketching and modeling.

Deviation Analysis using Point Clouds



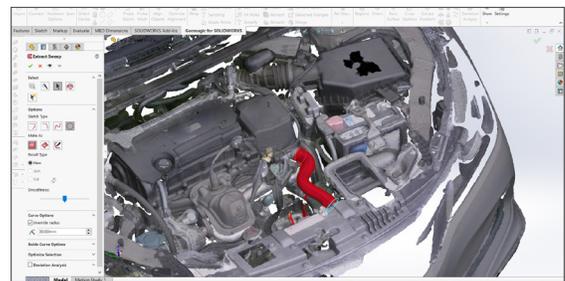
Verify design intent and accuracy. Check the accuracy of the model compared to the 3D point cloud.

Create 3D Splines from Scan Data



Create 3D splines directly from scan data for surfacing and other modeling workflows.

Sweep Extraction Tool Enhancement for Pipes



Verify design intent and accuracy. Check the accuracy of the model compared to the 3D point cloud.



If you're on maintenance

Download Geomagic for SOLIDWORKS 2021 today at [softwaresupport.3dsystems.com](https://www.3dsystems.com/software/geomagic-solidworks)



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