

# GeometryQA - Is Your Geometry Going To Catch You Out?



## GeometryQA®

For your design process, do you dream of...

- Manufactured products matching exactly the models sent to manufacturing
- Easily sharing, manufacturing and analysing models among different groups
- Engineering and manufacturing spending less time reworking designs
- Models being usable for next generation products

## Solution

GeometryQA can help you achieve the smooth design process you dream of.

## What is GeometryQA®?

GeometryQA reduces the number of design iterations by identifying geometry issues early in the design process to enable smooth data exchange internally and externally to ensure ease of manufacture of the end product.

## Key benefits

- Highlights geometry issues immediately
- Easy to see and fix problems such as surface gaps and slivers that affect manufacturing
- Ensures smooth model surfaces
- Reduces model size and data exchange time due to duplicate or unused geometry
- Decreases the computational hardware requirements and analysis duration time
- Ensures models mesh correctly

## Features

- Surfaces - GeometryQA works on all types of geometry, curves, surfaces, quilts/skins and bounded surfaces
- Quality documentation reports are generated for analysis and action
- Continuous learning provides hyperlinks to company specific and/or reference material
- Database tracks geometry quality standards to track geometry quality

## Why GeometryQA®?

- Ensures models meet specific manufacturing capabilities
- Increases ease of data exchange by ensuring all models meet predefined standards
- Detailed analysis of models to make sure, for example, they mesh properly

**prescientQA™**

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