Sigmetrix

CETOL 6σ

Variation Analysis Software for Robust Assembly Design

Why CETOL 6σ?

Delivering higher quality products in less time and at a lower cost requires more precise, efficient analytical tools that are more comprehensively integrated in the **SOLIDWORKS®** system. CETOL 6σ tolerance analysis software provides product development teams with the ability to see the impact that tolerance changes can have on their overall assembly.
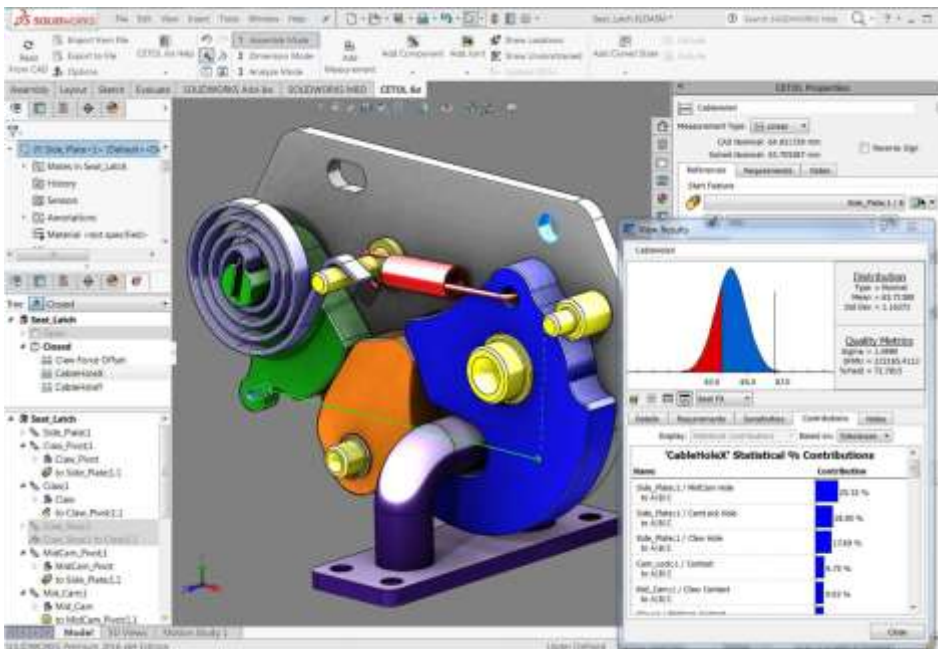
"I was amazed at the quality of the CETOL software! Within moments after I installed it, I was able to start creating analyses. The software is user-friendly and the support was great. This is a must-have software for engineering before manufacturing."

"We found the user interface to be far superior to other programs that we considered. The ability to launch CETOL from within SOLIDWORKS is a plus."
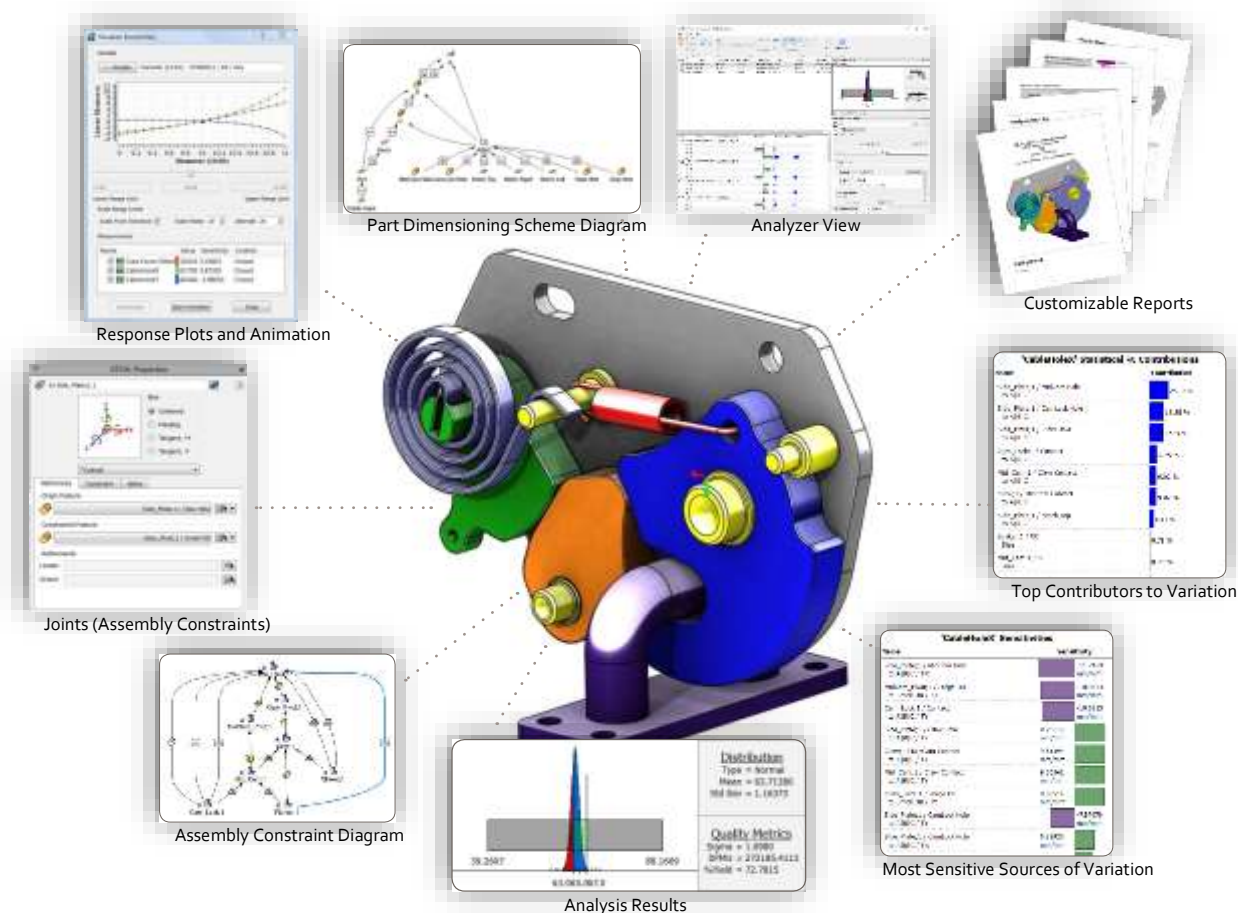
Key Benefits:

- Optimize design & manufacturing goals
- Produce reliable answers
- Improve product quality
- Reduce modeling time
- Accelerate product maturity
- Achieve maximum productivity
- Communicate results efficiently

CERTIFIED Gold Product

3DS SOLIDWORKS

Easily Model Assembly Variation with CETOL 6σ Technologies

An accurate assembly model is critical whether your analysis is single or multi-dimensional. CETOL6σ was designed with this in mind, providing a simplified approach to both simple and complex designs.

Response Plots and Animation

Part Dimensioning Scheme Diagram

Analyzer View

Customizable Reports

Joints (Assembly Constraints)

Top Contributors to Variation

Assembly Constraint Diagram

Analysis Results

Most Sensitive Sources of Variation

Software Highlights

- Advanced assembly modeling and verification technologies
- Analysis of GD&T tolerances
- Fully-integrated network model graph, model tree, and CAD views
- Highlight unconstrained DOFs
- True sensitivity animation
- Visualize model response to variation

- Sensitivity & worst case visualization
- Model templates for analysis reuse
- Advanced reporting and interrogation tools
- Flexible data storage – no data integrity loss
- Ability to highlight CETOL interfaces in SOLIDWORKS®
- Direct export to .html or .csv files