# Sigmetrix

CETOL 6σ

TOLERANCE ANALYSIS SOFTWARE

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 **Dassault Systèmes CATIA V5** 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.
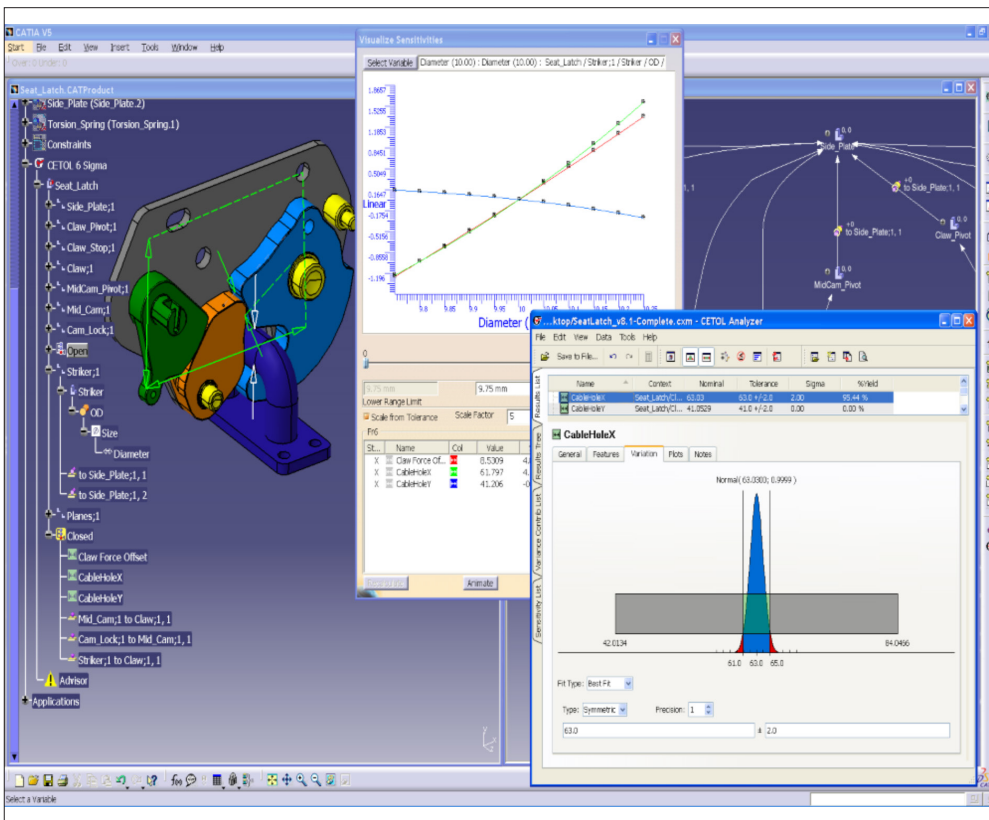
What Our Customers Are Saying:

" 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. "

" CETOL 6σ has been very useful product for the entire business. I highly recommend this product... "
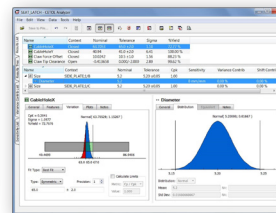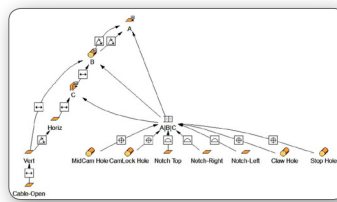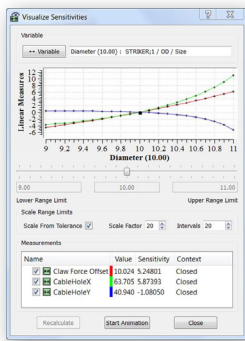
Key Benefits

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

SOFTWARE PARTNER
V5 Gold Partner

3DS

Contact Sigmetrix Today!   www.sigmetrix.com | 972.542.7517

TOLERANCE ANALYSIS SOFTWARE

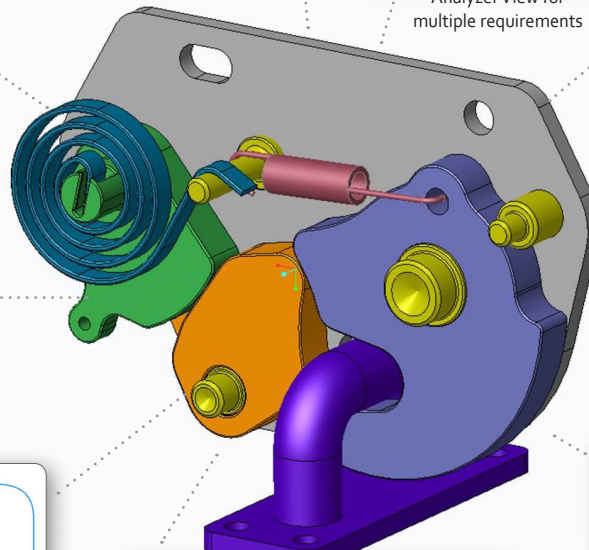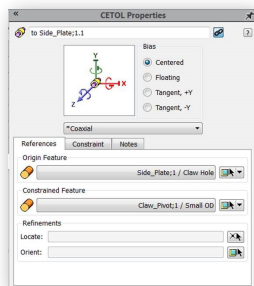## Easily Model Assembly Variation with CETOL 6σ Technologies

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.
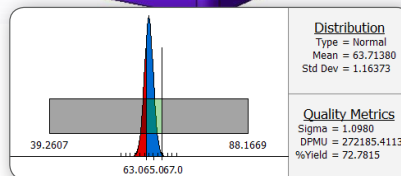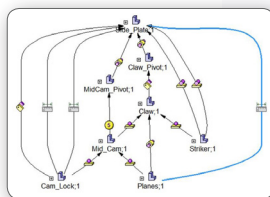

Response Plots and Animation

Part Dimensioning Scheme Diagram

Analyzer View for multiple requirements

Customizable Reports

Joints (Assembly Constraints)

Assembly Constraint Diagram

Analysis Results

Top Contributors to Variation

Most Sensitive Sources of Variation

Software Highlights

- Advanced assembly modeling and verification technologies
- Fully-integrated network model graph, model tree, and CAD views
- True sensitivity animation
- Sensitivity & worst case visualization
- Advanced reporting and interrogation tools
- Ability to highlight CETOL interfaces in **Dassault Systèmes CATIA V5**

- Analysis of GD&T tolerances
- Highlight unconstrained DOFs
- Visualize model response to variation
- Model templates for analysis reuse
- Flexible data storage – no data integrity loss
- Direct export to .html or .csv files