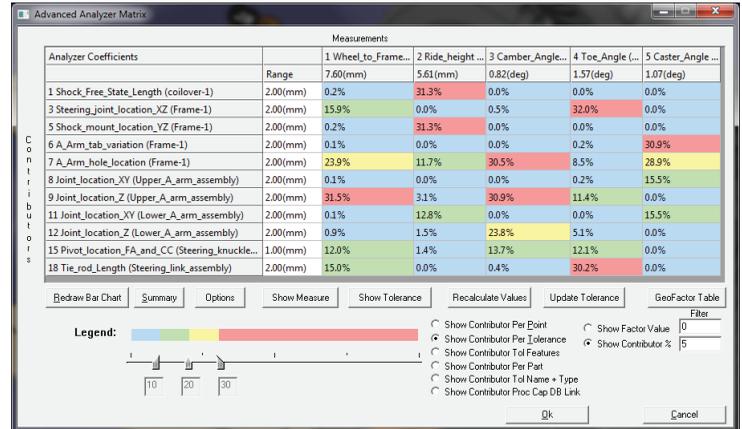




## Quickly Validate and Test Your Model

### Create a Matrix to Get a Global View

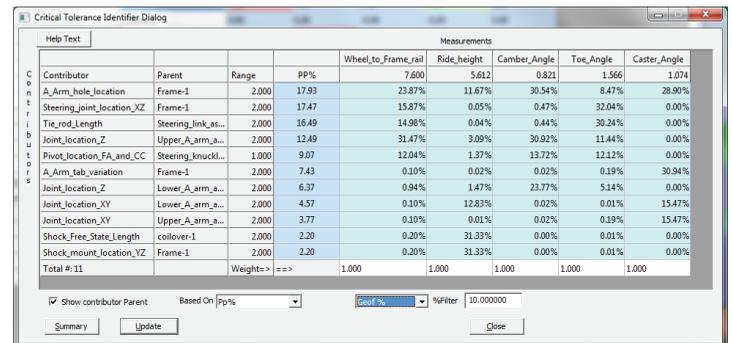
View all of the products tolerances and Geofactors in a single color coded matrix based on given specifications. Change the specifications with a drag bar to instantly identify trouble areas. Use to view and change many tolerances quickly on large models.



Advanced Analyzer Matrix shows Geofactor results and global tolerances

### Optimize for Cost or Quality

Choose cost or quality goals and have AAO optimize your model for you. Look through the changes and keep the ones you like, updating the model only when you're ready.



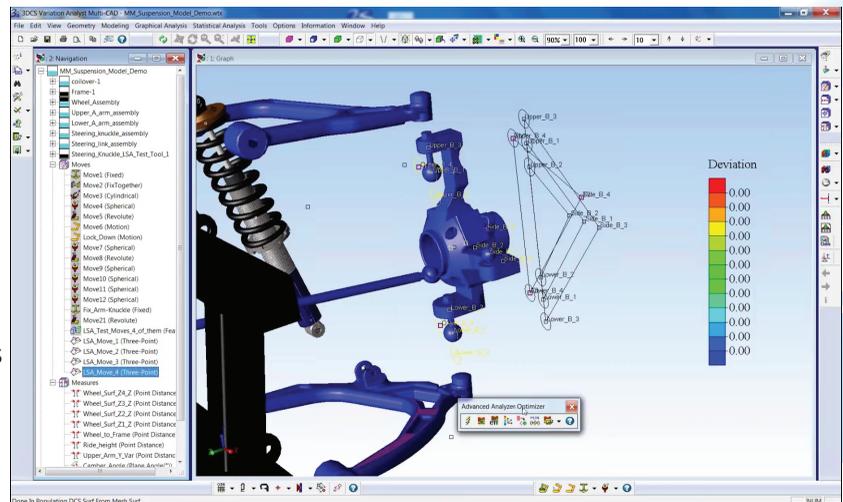
Critical Tolerance Identifier quantifies the effect of each tolerance on the total product

### Account for Mean Shift and Non-Linearity

Use Simulation Based Sensitivity to account for mean shift in your model, and gain more accurate analysis for non-linear relationships and contributors. Find out how tolerance interactions affect your model and how much bonus tolerance they add.

### Validate Moves and Locator Strategies

Use Locator Sensitivity Analyzer (LSA) to determine the effect of different locators on a part. Discover optimal assembly conditions, check the difference between different strategies and validate your move and assembly processes.



Locator Sensitivity Analyzer tests Locators and Assembly Moves

### Make Changes and See the Results

Change tolerances, assembly processes or design characteristics and determine the outcome. Find issues and test solutions before building expensive prototypes or beginning production. See the results of your changes in the Matrix right away, without having to run additional analyses or simulations.

DCS has been supporting quality management in industries including automotive, aerospace, medical device, electronics and industrial machinery for over 20 years. DCS solutions are used daily by companies like Airbus, BMW, GM, LG, Nissan, Phillips, Sony, Textron Aviation and VW. By applying DCS's 3D Model Based environment for Predictive Variation Analysis and Responsive SPC, manufacturers have reduced quality costs related to yield, scrap, rework and warranty issues.