



## NEWS RELEASE

# CETOL 6 $\sigma$ v8.4

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### SIGMETRIX REVOLUTIONIZES TOLERANCE ANALYSIS WITH NEWEST RELEASE -- CETOL 6 $\sigma$ V8.4 *Enhanced to Dramatically Improve Workflow with Unprecedented Speed and Ease*

**MCKINNEY, Texas – February 24, 2015** – Sigmetrix, global experts in GD&T and mechanical variation, announced today the availability of its [CETOL 6 \$\sigma\$  v8.4 software](#) for PTC Creo®, Creo Elements/Pro®, CATIA® V5, and SOLIDWORKS® CAD systems. CETOL 6 $\sigma$  v8.4 includes all of the powerful, robust features of the CETOL 6 $\sigma$  architecture, enhanced with functionality that makes it easier than ever to use. Cutting-edge technology enables product development teams to be able to reduce time to market and maximize profitability.

CETOL 6 $\sigma$  is unique from other solutions on the market. It is the only [3D tolerance analysis solution](#) tightly integrated with all three CAD systems supported. Engineers don't have to redo previous analyses from scratch when updating their design, and changes made to tolerances within CETOL are automatically updated in the CAD models and drawings. CETOL also uses a direct mathematical method that enables users to see the results of their tolerance changes immediately rather than having to rerun simulations each time. Sigmetrix customers apply these robust set of modeling, analysis, and visualization technologies to a very comprehensive set of applications in a variety of industries today. CETOL 6 $\sigma$  is the dominant solution for variation analysis in the automotive, medical, heavy equipment, and many other industries.

With a range of exciting new features, CETOL 6 $\sigma$  v8.4 provides expert insight through unique visualization capabilities. It delivers innovative features to all users, novice or expert, with specific emphasis on ease-of-use for model creation, obtaining answers, validating results, and updating design requirements in the CAD models and drawings. The results and reports provide the entire development team with a richer way to communicate and help bridge the gap between design, manufacturing and assembly departments.

New features of CETOL 6 $\sigma$  v8.4 include:

- Drastic reduction in assembly modeling time by automatically creating CETOL joints from Creo and SOLIDWORKS CAD assembly constraints
- Significant improvement in part modeling time by automatically creating linked GD&T Annotation and tolerances for features of size
- Approximately 66% workload reduction in modifying over-constraining DOF on new joints by setting default DOF for new joints based not only on surface geometry but also on other joints already defined in the model

"This latest version of CETOL 6 $\sigma$  represents a tremendous advancement in the overall user experience with its ability to give insight about the variation in your products with unprecedented speed and ease," said Chris Wilkes, Sigmetrix President and CEO. "It is actually now faster to perform a single tolerance study in CETOL 6 $\sigma$  than with a spreadsheet, and because CETOL 6 $\sigma$  is a complete 3D tolerance analysis solution, oftentimes you'll uncover variation you were missing with your spreadsheets in less time that it took to create them."

CETOL 6 $\sigma$  v8.4 is available immediately for current users. For see more detail on the capabilities of CETOL 6 $\sigma$  v8.4, visit <http://www.sigmetrix.com/products/cetol-tolerance-analysis-software/>

**About Sigmetrix, LLC**

Sigmetrix is a global provider of comprehensive, easy-to-use software solutions that help users achieve robust designs through tolerance analysis and the correct application of GD&T. With over 20 years of research and development, Sigmetrix products eliminate the error between as designed assemblies and as produced products. For more information, visit their website at [www.sigmetrix.com](http://www.sigmetrix.com).

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