



# NEWS RELEASE

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**SIGMETRIX ADVANCES ITS REVOLUTIONARY CETOL 6 $\sigma$  SOFTWARE WITH VERSION 8.2**  
*Optimized for Precise Engineering Analysis, Visualization and Understanding*

**MCKINNEY, Texas – October 25, 2010** – Sigmetrix, the company that revolutionized the mechanical variation and tolerance analysis software space, announced today the availability of its CETOL 6 $\sigma$  Version 8.2 software for CATIA, Pro/ENGINEER, and SolidWorks CAD systems. Version 8.2 includes all of the powerful, next-generation features of the CETOL 6 $\sigma$  re-architecture which expands precision assembly engineering all the way from early concept design through inspection, enabling product development teams the ability to deliver higher-quality and more precisely engineered products.

CETOL 6 $\sigma$  is radically different than other solutions on the market because of its unique modeling, analysis, and visualization technologies that can be applied to a very comprehensive set of applications in a variety of industries. It goes beyond what is available with point tools that address a specific application in a limited market. CETOL 6 $\sigma$  is the dominant solution for variation analysis in the automotive, medical, electronic packaging, heavy equipment and many other industries.

With a range of exciting new features, this version of CETOL 6 $\sigma$  provides a deeper level of 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, model validation and results visualization on the geometry model.

New features of CETOL 6 $\sigma$  v8.2 include:

- The ability to directly see the Unconstrained Degrees of Freedom of any component in the model
- Model Response Visualization that realistically shows how the model responds to variation
- Automation of Topological Constraints, increasing model accuracy while reducing modeling time
- Measurement-based Datum Flow Chain Visualization that filters the model to show only potential variation sources
- The unique ability to visualize the worst case minimum and maximum condition for any measurement
- Tolerance Zone Mobility Modifier and Multiple Datum Feature Support, further extending the support of GD&T standards
- Improvements in interactive modeling and analysis solution performance, especially for large models.

"This latest version of CETOL 6 $\sigma$  represents an enormous advancement in the overall user experience with its' ability to logically guide the user in creating extremely precise models, covering a diversity of industries, with less expert involvement in a fraction of the time required with other 3D tolerance analysis applications on the market." said Tim Bogard, Sigmetrix President. "CETOL 6 $\sigma$  strives to address the precision engineering need for designing assemblies that are more robust, giving the entire development team a richer way to understand and communicate their real design intent. It gives the manufacturing team a more objective way to achieve quality and cost goals and it gives managers a more intuitive way to make critical trade-off decisions with more confidence. In essence we are giving the entire team the ability to finally 'see what they're missing'." CETOL 6 $\sigma$  provides the valuable insight required to confidently release designs to manufacturing through powerful and unique features that enable engineers to more quickly and precisely predict the critical variation in assemblies.

CETOL 6 $\sigma$  Version 8.2 is available immediately for current users. For see more detail on the capabilities of CETOL 6 $\sigma$  Version 8.2, visit [http://www.sigmetrix.com/CETOL6\\_sigma\\_new.htm](http://www.sigmetrix.com/CETOL6_sigma_new.htm).

**About Sigmetrix, LLC**

Sigmetrix designs, develops, markets and globally supports tolerance analysis solutions used to unite the “ideal” world of product design with the “real” world of manufacturing and assembly. With over 20 years of research and development, Sigmetrix is focused on eliminating the error between predictive tolerance models and measured physical results in the factory. Through intuitive modeling technologies, engineers construct very precise tolerance variation models directly from the CAD geometry. Sigmetrix’ advanced analytical solutions and specialized services allow companies in virtually all industries to gain profound insight into the behavior of their products. This insight allows customers to objectively balance competing requirements and achieve exceptional return on their investment. For more information, visit [www.sigmetrix.com](http://www.sigmetrix.com).

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