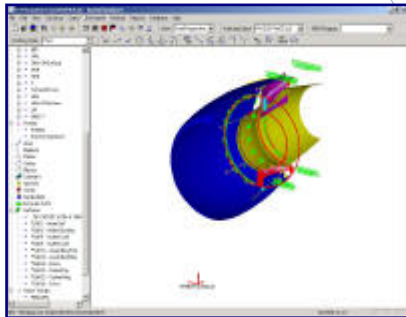
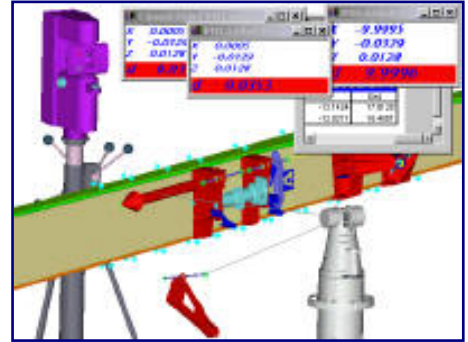


Metrology Software Engineered for Extreme Measures

SpatialAnalyzer (SA) is a traceable metrology 3D graphical software platform that can simultaneously communicate to virtually any number and type of dimensional measurement system while performing complex analysis tasks simply. SA makes it easy for users to build, inspect, and reverse design parts and tools with any of the portable measurement technologies (Laser Trackers, Local GPS, Portable CMM's, Theodolites, Laser Scanners, etc). It provides simple common interfaces for each of the technologies, e.g., all types of laser trackers (Leica, FARO, SMX, and API) have the same user interface. Once a user can run a job with a Leica tracker they can also run the job with a FARO or API. This capability enables measurement groups to share equipment and therefore choose the combination of measurement technologies that best fits the measurement job - without having to retrain operators. SpatialAnalyzer is also the only software package capable of running any number of the measurement sensors at the same time and therefore saves time by minimizing schedule impacts, which allows the factory to keep processes online.



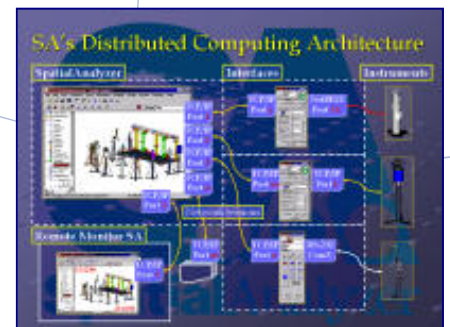
SA's graphical environment allows the user to download the CAD model (e.g., CATIA, UG, etc.) in the ISO standard STEP formats (or in many other industry standard formats) and then make all the measurements and perform the analysis including Geometric Dimensioning & Tolerancing (GD&T) on the shop floor. A complete suite of complex analysis and alignment/transformation routines has been rigorously tested and are easy to use.



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SpatialAnalyzer's software architecture is based on always maintaining fundamental data integrity by storing the basic metrology measurements and therefore maintaining traceable links for Quality Assurance. Uncertainty analysis and reporting in web compatible formats make it easy to share the results. SA's platform of metrology solutions can be extended to support entire processes through general external database connectivity. This feature in a more specific form is how the Data Management System (DMS) supports processes like Boeing's airplane programs.



Since its inception, Spatial Analyzer has been involved in leading-edge applications in almost every industry involving large-scale manufacturing.

SA delivers solutions which completely integrate real-time 3D Inspection, Assembly-Build, and Reverse Design applications with portable measurement systems.

SA is for system users and customers of 3D measurements that need a configurable and programmable platform that is easy-to-use and is able to minimize training costs yet deliver solid reliable solutions for engineers and production work cells. Learn more at www.kinematics.com



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