



## **GSI Makes Repeatability Measurements a Snap.**

*BMW Manufacturing Corp helps develop measurement software to streamline production of new Z4 model.*

([PRWEB](#)) September 26, 2002 -- Melbourne, FL -- September 24, 2002 -- Geodetic Services, Inc. (GSI) a leading designer and manufacturer of Industrial 3D Digital Imaging Measurement Systems announced today the addition of its new Automated Repeatability Measurement module (ARM) to its V-STARS measurement systems. ARM enhances GSI's industry-leading repeatability measurement capabilities. Although especially well suited to automotive repeatability applications, the system can be used in a variety of industries and applications. Applications include deformation analysis, and part loading studies.

"We already have a great solution for repeatability measurements," said John D. Brown, GSI's President. "We use inexpensive, stick-on targets for point tracking. In addition, we can operate in unstable conditions that often exist in the factory. Finally, we can even do complex objects in one setup which saves time and improves accuracy."

ARM extends this capability by completely automating the measurement and providing better analysis tools," Brown continued. "Now the user just takes the pictures as needed and they are automatically processed by the software. Statistical and visualization tools are also included that greatly aid in the analysis. Nothing could be easier."

The software was developed in collaboration with Mr. Bob Clement, Metrology Development Engineer at BMW Manufacturing Corporation's automotive plant in South Carolina. Mr. Clement remarked, "We are thrilled with ARM. We are now able to quickly and accurately study everything from the headlight assembly of our new Z4 to the effects of welding on the body structure. This is the type of technology a world class car company needs. We asked and they delivered. More companies should be as customer driven as GSI."

About Geodetic Services, Inc.

GSI is a private company located in Melbourne, FL that was founded in 1977. GSI designs, manufactures and sells the V-STARS family of 3D digital imaging measurement systems for a wide variety of applications in the aircraft, aerospace, nuclear power, ship building, and automotive industries.

The V-STARS systems are 3-D coordinate measurement systems based on photogrammetry. They allow fast, accurate in-place measurement of large objects under static or dynamic conditions, and in adverse conditions.



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