Mitsui Seiki and CGTech Collaborate to Provide Customers with the Benefits of

Virtual Manufacturing with VERICUT® Machine Modeling Software

(Franklin Lakes, NJ – July 2003) Mitsui Seiki U.S.A., Inc. and CGTech have joined forces in an agreement to build virtual machine models for machining simulation using VERICUT® software.

Mitsui Seiki U.S.A., Inc., Franklin Lakes, New Jersey, is a subsidiary of Mitsui Seiki Kogyo Co., Ltd., in Japan. The machine tool builder’s sophisticated product line consists of 5-axis machining centers, ultra-precision vertical and horizontal machining centers, jig borers, jig grinders, thread grinders and special purpose machines. The company’s core markets are aerospace, defense, medical and automotive.

CGTech is the developer of VERICUT software. VERICUT simulates CNC machining to identify errors in the NC tool path program such as collisions, over travel, rapids, and gouges. Using VERICUT, manufacturers can verify the accuracy of the program before it is loaded on the machine, and be confident it will cut a perfect first-time part without requiring a manual prove-out. VERICUT also improves areas of inefficiency in the program by optimizing cutting speeds.

Tom Dolan, Senior Marketing and Account Manager for Mitsui Seiki, says “the VERICUT simulation tool provides our customers with a method to evaluate machine capabilities, reduce implementation time, and simulate the CNC machining process to prevent collisions, improve productivity, and even further enhance part accuracy. Now our customers can combine the benefits from both the highest performance machine tools and the most powerful programming tools.”
The two companies will first develop software models and post processors for Mitsui Seiki’s full line of 5-axis machining centers. Future plans call for developing software for its 3- and 4-axis models. “The 5-axis line is coming first,” explains Tom, “to address the current strong demand for complex part machining, and reduced set-up time.”

According to Serge Viau, Technology Partnership Manager at CGTech, “Our relationship with Mitsui Seiki is an important part of our marketing strategy. Our aim is to reach sophisticated manufacturers and offer a software solution designed to protect their investment with Mitsui Seiki.”

For more information about CGTech and VERICUT, visit www.cgtech.com. For more information about Mitsui Seiki machine tools, call (201) 337-1300 or visit www.mitsuiseiki.com.

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Editors’ Note:

Photo Caption – Mitsui Seiki’s VL50 5-axis machining center shown as a virtual machine model using VERICUT® software from CGTech.