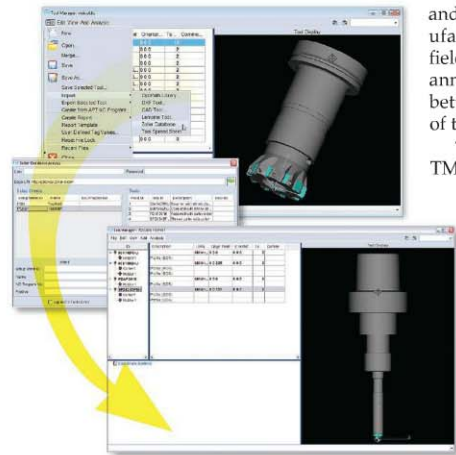# Direct Interface Between Vericut and ZOLLER TMS

CGTech, the developer of Vericut CNC verification and simulation software, and Zoller, a presetting and measuring machine manufacturer and expert in the field of tool management, have announced a new product to better serve the customer base of the two companies.

"Our interface to the Zoller TMS Tools Management Solutions provides a direct link between Vericut and TMS," said CGTech Product Marketing Manager Bill Hasenjaeger. "A complete set of cutting tools for a job are quickly and easily transferred from the Zoller TMS database to Vericut."

Vericut simulates CNC machining to identify errors in the NC programs (such as collisions, over-travel, gouges, etc.). Using Vericut, manufacturers can verify the accuracy of the program before it is loaded on the machine, thereby reducing or eliminating the need for time consuming manual prove-outs. Vericut also improves machining efficiency by optimizing cutting speeds.

"Zoller TMS Tool Management Solutions combines cutting tool information provided by cutting tool suppliers as well as actual physical tools that are scanned through the Zoller presetter and measuring machine product line in 3D," said Zoller Inc. President Alexander Zoller. "The user will benefit from a single source database for programming and simulation."

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SFA + Predator DNC Software for Windows

Shop Floor Automations (SFA), a provider of software for the manufacturing shop floor, installed Predator's version 9.0.16 through the end of 2013 while beta testing version 10.0 of Predator DNC Software and Editor.
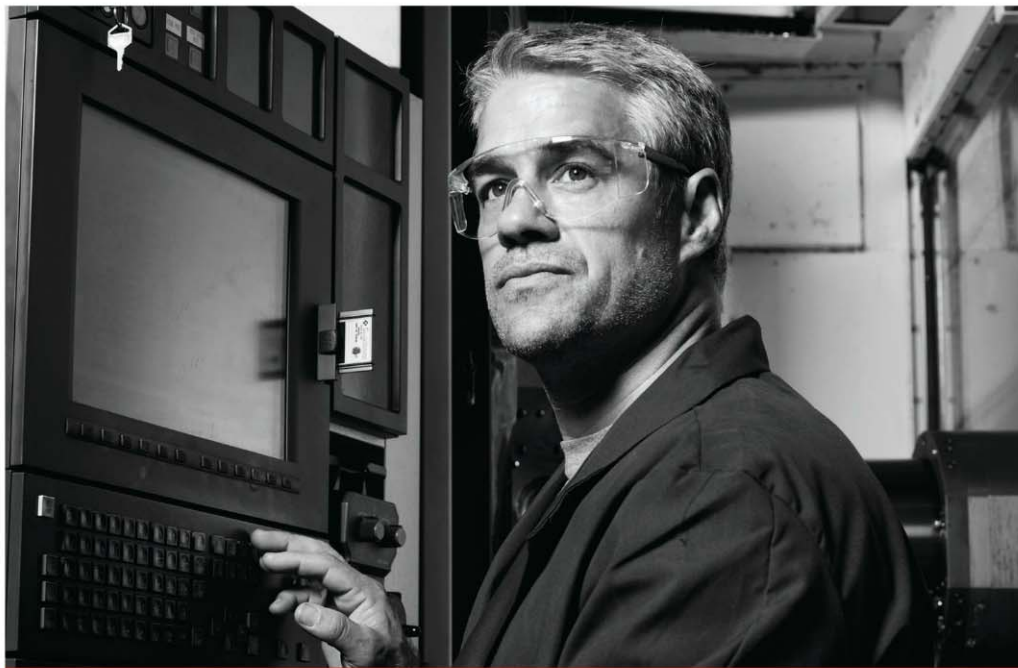
Version 9.0 has been installed at hundreds of different sites. The main benefit is its compatibility with Windows 7 and Windows 2008/2012 server, including both 32- and 64-bit operating systems.

"The DNC is easily migrated from previous versions running under Windows XP to the latest Predator DNC with our migration tools and hardware program," said SFA President Greg Mercurio. "Customers have used the same solution for years from us and if it works, they do not want to change anything unless needed. Because of the end to Microsoft's support for Windows XP, we have created a program to assist customers in keeping their machines up and running without interrupting production."

SFA can provide end users with new hardware to integrate their existing wired system into wireless 802.11 B/G or embrace Ethernet technology on the shop floor. The use of RS232 serial ports is being phased out and networking CNC machines is becoming more prevalent. Predator Software includes functionality to communicate via FTP or Windows Share, and supports the use of the Fanuc Focus to simplify file transfers. RS232 standard protocol is also included to support the hundreds of legacy CNC controllers with enhanced file management tools to automate the download and upload process.

"The beta version 10.0 of Predator DNC is continuing to add functionality to the DNC server side to allow better compatibility to run as a Service under Windows 2008R2/2012," said a company spokesperson.

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