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New VERICUT version on display at Advanced Engineering 2018

Hove, England – CGTech will demonstrate the new version of VERICUT® CNC machine simulation and optimisation software at Advanced Engineering 2018, on the 31st October – 1st November 2018 stand R45.

Machine simulation with VERICUT detects collisions, close calls and detects over-travel errors. With input from thousands of users worldwide from every industry, the focus of VERICUT 8.2 has been to provide features that improve simulation visibility, speed workflow, and streamline each user's verification process. These include a Right-Mouse-Button Ribbon which puts favourite VERICUT functions just one click away, and provides convenient access to external applications that programmers find useful. In addition, a configurable Head-Up Display (HUD) improves simulation monitoring and visibility by showing the NC program, or machining and cutting status information, overlaid on top of VERICUT's graphical views.

VERICUT 8.2 also adds Force Turning. Force is a physics-based NC program optimisation module that analyses and optimises cutting conditions to achieve ideal chip thicknesses, while managing the cutting forces and spindle power required. Force Turning optimises turning, and mill-turn operations, when combined with Force Milling. Force Turning makes it easy for anyone to create NC programs for optimal cutting of inside/outside diameters, shoulders, as well as in corners and tight spaces – without the worry of encountering excessive cutting forces or high spindle power demands.

Finally, with the latest software release comes advancements in VERICUT's Additive Manufacturing capabilities. Even more realism has been added to additive simulation, and it detects many common error conditions programmers face when creating additive parts. Additive material can be applied "as programmed" via the additive path, or projected to the part surface for a more "natural" deposition behaviour.

CGTech will also demonstrate Composites 8.1 release of VCP and VCS, which features a completely redefined Graphical User Interface (GUI), enhanced suite of programming and analysis tools, and redefined methodology through the use of the powerful new Laminate Manager. The Laminate Manager helps users easily manage files, processes, and batch actions for the entire composite laminate. Internal refinements ensure that large projects are now able to be programmed and simulated in a fraction of the previous time

Note to Editors

About CGTech

CGTech's VERICUT® software is the standard for CNC simulation, verification, optimisation, analysis, and additive manufacturing. CGTech also offers programming and simulation software for composites automated fibre-placement, tape-laying, and drilling/fastening CNC machines. VERICUT software is used by companies of different sizes in all industries. Established in 1988, and headquartered in Irvine, California; CGTech has an extensive network of offices and resellers throughout the world. For more information, visit the CGTech website at www.cgtech.co.uk, call +44 (0)1273 773538, or email info.uk@cgtech.com.