

VERICUT CNC Machine Simulation

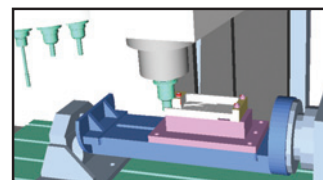
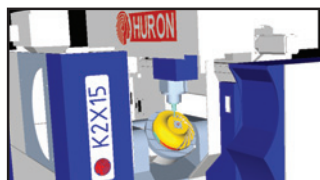
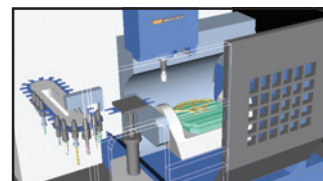
VERICUT CNC machine simulation is your best tool to maximize the potential of your machine tools, improve your manufacturing operation, be more competitive, and protect your investment in equipment and processes!

A machine crash can be very expensive, potentially ruin the machine, and delay your entire manufacturing schedule! **But you can dramatically reduce the chance for error and avoid wasting valuable production time proving-out new programs!**

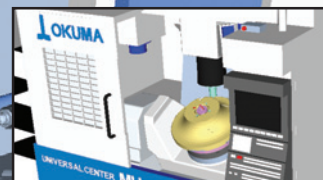
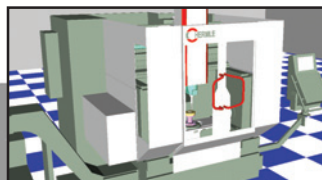
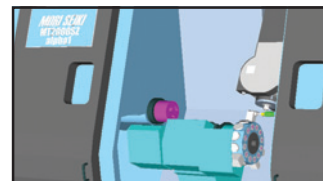
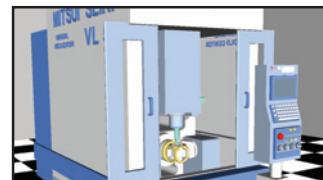
VERICUT's Machine Simulation detects collisions and near-misses between machine tool components such as axis slides, heads, turrets, rotary tables, spindles, tool changers, fixtures, work pieces, cutting tools, and other user-defined objects. You can set up "near-miss zones" around the components to check for close calls, and even detect over-travel errors.

A selection of sample machine models is included. Machine components can be defined in VERICUT or imported from your CAD system. VERICUT's Machine Simulation supports:

- Multi-axis milling, drilling, turning, mill-turn, EDM
- Simultaneous mill/turn on different spindles and workpieces
- Automatic workpiece transfer to pick-off or sub-spindles
- Auxiliary attachments: tail stock, steady rests, part catchers, bar pullers, etc.



Prevent CNC machine collisions and NC program errors
Reduce scrap, prove-outs & rework by catching errors before a program is loaded on the machine
Speed implementation time by checking new CNC machine tool capabilities and limitations
Improve process efficiency by previewing new programs
Increase safety & train programmers and machinists without production time (or risking a crash!)
Showcase shop capabilities & enhance documentation with AVI exports from VERICUT



9000 Research Drive
 Irvine, California 92618
 Phone (949) 753-1050
www.cgtech.com

Call or visit our web site for more info