Seamless Integration

Interfaces to VERICUT Simplify Setup

Mastercam-to-VERICUT Interface

The Mastercam-to-VERICUT Interface from CGTech integrates the two programs to help you create the most accurate and efficient NC tool path programs possible! With the new interface you can launch VERICUT from Mastercam. The interface utilizes Mastercam's C-Hook technology to automatically transfer setup information including tools, tool paths, and stock location to VERICUT in their proper orientation.

NX-to-VERICUT Interface

The NX interface can verify individual tool paths, a series of selected tool paths, or a complete sequence of operations. With the NX interface, tool path files are linked to manufacturing operations, enabling easy selection of tool path motion from the desired operation.

CATIA V5-to-VERICUT Interface

Following the successful VERICUT interface for CATIA V4, the CATIA V5-to-VERICUT Interface provides a smooth upgrade path for CATIA users who have transitioned to CATIA V5. You can verify individual operations, a series of operations, or a set of complete NC programs. All stock, fixture, and design geometry is automatically transferred to VERICUT in the correct orientation, along with NC program, tooling, machine and control data and other simulation parameters.

CATIA V4-to-VERICUT Interface (CATV®)

The CATV module is a fully integrated CATIA to VERICUT interface that provides you with an improved way to work with CATIA and VERICUT. Using CATV, you start and work with VERICUT from inside CATIA.

Edgecam-to-VERICUT Interface

This interface enables you to easily send model, tool assembly, and NC program information to VERICUT from EdgeCAM. Developed using Planit's PDI development tools, it simplifies VERICUT setup for seamless simulation of EdgeCAM NC programs.

GibbsCAM Interface

This interface launches VERICUT from a GibbsCAM plug-in. Tool definitions, stock, fixture and design geometry from GibbsCAM are automatically transferred to VERICUT. The VERICUT process runs external to GibbsCAM so you can continue working in GibbsCAM while verifying the NC program.

TDM Systems Interface

This module enables you to use the data in your TDM system in VERICUT for simulating and verifying NC programs. The interface extracts tool lists from TDM and creates VERICUT tool assemblies. It is an on-the-fly live connection to TDM. No intermediate files are produced, so the tooling information used is always the most current available from TDM. Creating VERICUT-ready tools in TDM requires a licensed product from TDM. Using those tools in VERICUT requires VERICUT's TDM interface.

FiberSim

Import composite structure ply information from Vistagy's FiberSim directly into VERICUT Composite Programming Software.

MORE >

For more information regarding any of the interfaces to VERICUT, please contact:

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Additional interfaces available include...

Pro/E-to-VERICUT Interface (included with Pro/E)
VERICUT is launched from within Pro/Engineer's NC menus and can be run interactively or in batch mode. Tool path motions for the selected Operation or NC Sequence; tool descriptions; and reference, workpiece and fixture models from the current manufacturing session are automatically transferred to VERICUT. This interface is supplied by Parametric Technologies.

hyperMILL Interface
Tool definitions, stock, fixture and design geometry from hyperMILL are automatically transferred to VERICUT. The hyperMILL interface to VERICUT is supplied by OPEN MIND.

PowerMILL® Interface
Launches VERICUT from PowerMILL. Tool definitions, stock, fixture and design geometry from PowerMILL are automatically transferred to VERICUT. The PowerMILL interface to VERICUT is supplied by Delcam.

TopSolid CAM
Launches VERICUT from TopSolid CAM. Tool definitions, stock, fixture and design geometry from TopSolid CAM are automatically transferred to VERICUT. The TopSolid CAM interface to VERICUT will be supplied by Missler.

WinTool Interface
With the WinTool interface to VERICUT, new tools can be easily assembled, adjusted, and imported in VERICUT, ready to use, and without additional manual modifications. With one mouse click you import all solids from your central tool library for components, assemblies, and lists. The WinTool interface is supplied by DATOS.

Schütte
The Schütte interface brings the powerful benefits of multi-axis CNC machine simulation and program analysis to cutter/grinder machine users. The interface launches VERICUT Cutter/Grinder Verification directly from your grinder programming system to simulate the cutter/grinder operations and detects mistakes. The interface is available from Schütte.

Jungner
Runs VERICUT from Jungner's grinder path creation software. VERICUT information such as the end-mill blank, wheel configuration and simulation parameters are automatically sent to VERICUT

ZOLLER
With the Zoller toolmanager interface to VERICUT, new tools can be easily assembled, adjusted, and imported in VERICUT, ready to use, and without additional manual modifications. With one mouse click you import all solids from your central tool library for components, assemblies, and lists. The toolmanager interface is supplied by ZOLLER.

Fasys
Transfers tool assemblies to VERICUT. Available from Fasys.

Big Daishowa
The interface extracts holder geometry from Big Daishowa holders to be used with VERICUT tool assemblies.

MAL Virtual Machining System (under development)
This interface interacts directly with VERICUT while simulating and sends cutter contact geometry to VMS for cutting force analysis and adjustment. Requires VERICUT and OptiPath licenses.

Contact the companies above for more information on their interfaces to VERICUT.