V6 MACHINING

PROGRAM MACHINES SMARTER AND FASTER, DIRECTLY IN A 3D LIFELIKE SIMULATION

DELMIA V6 MACHINING ENABLES MANUFACTURERS TO PLAN, DETAIL, SIMULATE AND OPTIMIZE THEIR MACHINING ACTIVITIES. THROUGH TIGHT INTEGRATION OF MACHINE TOOL SIMULATION WITH TOOL PATH DEFINITION, NC PROGRAMMERS CAN NOW IDENTIFY AND SOLVE PROBLEMS EARLIER AT THE NC PROGRAMMING LEVEL.

A single, secure environment from design to manufacturing enables enhanced collaboration and easy lifecycle management. Full associativity with V6 product designs and powerful machining automation capabilities can dramatically reduce NC programming and program optimization time.

WWW.3DS.COM/DELMIA
DELMIA PrisMaTic Machining
Enables users to program milling machines to produce parts which require advanced 2.5 axis milling, axial and probing operations. It provides the foundation for all V6 Machining solutions with a full set of features for workpiece set-up, cutter tool assembly and accessory definition, tool path simulation with material removal and NC code generation.

DELMIA Milling Machining
Enables users to program milling operations for parts requiring advanced 3-axis milling capabilities, including the ability to switch to 5-axis motion. A full set of high-end strategies ensures optimal machine usage by driving program generation to shape a proven-quality tool path.

DELMIA Extended Milling Machining
An extension to DELMIA Milling Machining which allows users to program multi-axis milling machines. A full set of multi-axis milling machining operations for accurate tool path definition gives programmers the solution needed to produce highly complex parts.

DELMIA TUrning Machining
Enables users to program lathes and mill-turn machines to produce parts requiring advanced turning and mill-turn operations. A full set of high-end turning operations for accurate tool path definition is included.

DELMIA NC Machine Simulation
Enables NC programmers to perform virtual NC program validation, giving programmers the ability to control and simulate machine tool motions, along with material removal, using either the NC tool path or post-processed NC code.

DELMIA NC Machine Builder
Delivers the capabilities necessary to create virtual NC machines, machine accessories and their controllers for use in NC programming, optimization and validation in a virtual 3D environment. In addition to standard milling, turning and mill-turn machines, complex machines such as milling machines with multiple heads, spindles and turrets, and multi-tasking mill-turn machines can be easily modeled. Machine modelers are able to define axis motion parameters, including travel limits, acceleration and speeds.

About Dassault Systèmes
Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes’ collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 150,000 customers of all sizes, in all industries, in more than 80 countries. For more information, visit www.3ds.com.

The 3DS logo, CATIA, SOLIDWORKS, SIMULIA, DELMIA, ENOVIA, GEOVIA, EXALEAD, NETVIBES, 3DSWYM and 3DVIA are registered trademarks of Dassault Systèmes or its subsidiaries in the US and/or other countries.