

DELMIA 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.

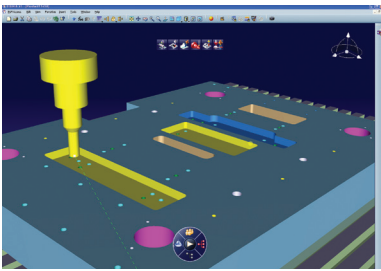
A single, secure environment from design to manufacturing enables enhanced collaboration and easy lifecycle management. Full associativity with V6 product designs and powerful machining automation capabilities can dramatically reduce NC programming and program optimization time.

The V6 3D environment delivers a lifelike experience as NC programmers create, optimize and validate their machine programs in the context of the physical machine. In this environment, DELMIA V6 Machining provides easy access to machining resources, NC programs and part setup information that is always up-to-date. This enables NC programmers to capture and leverage enterprise intellectual property and collaborate with other stakeholders.

DELMIA V6 Machining

- Saves time and optimizes processes by linking engineering and manufacturing knowledge in the context of the machine simulation
- Increases machining quality and performance
- Improves collaboration between teams and disciplines across the extended enterprise
- Reduces scrap and rework
- Shortens the full manufacturing process



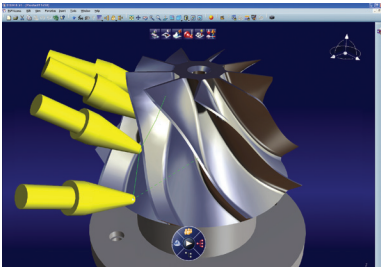
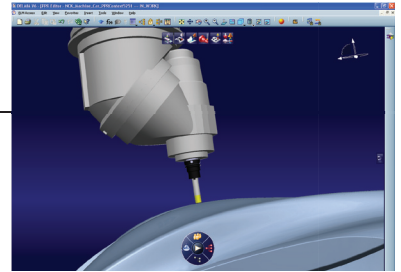


DELMIA PrisMaTic Machining

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.

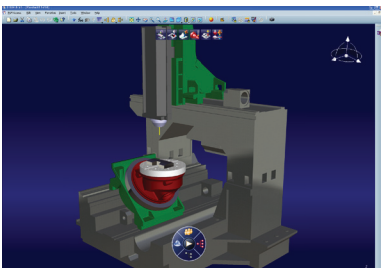
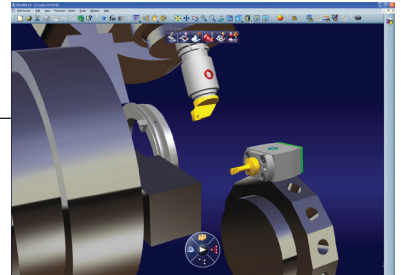


DELMIA Extended Milling Machining

An extension to DELMIA Milling Machining (MIM) 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.

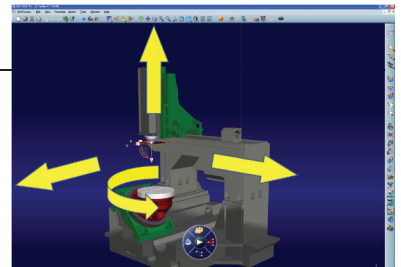


DELMIA NC Machine Simulation

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

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 115,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes applications provide a 3D vision of the entire lifecycle of products from conception to maintenance to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences.

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