

CAPITALIZE ON THE LATEST TRENDS IN CNC MACHINING TECHNOLOGY

Unlock the full potential of CNC machining for
cost savings and revenue boosts



How can you benefit from DELMIA Machining?

- Advanced machining simulation always available to optimize operating costs and boost efficiency of mass production
- Bring virtual workshop with cutting tools, machine and accessories to the desk of NC programmers
- Best in class and high quality tool path: Adaptive Concentric
- Milling for HSM and hard material machining
- Support Mill-Turn, SWISS machines and milling with robots
- Support WireEDM and Laser and water jet cutting machines
- Advanced Machining and automation concept for knowledge capturing and skill development for key personnel
- Drastically reduced NC programming time while re-using captured knowledge

MACHINING ROLES | R2023x Packaging

Define Shop Floor Resources		Program NC Machines							Simulate NC Machines	
										
Machine & Tooling Designer (EMR)	Cutting Tool Technologist (NTT)	NC Shop Floor Programmer (NSR)	NC Prismatic Machine Programmer (NPM)	NC Prismatic & Mill-Turn Machine Programmer (NTP)	NC Mold & Die Programmer (NMD)	NC Milling Machine Programmer (NTX)	NC Mill-Turn Machine Programmer (NTR)	NC Knowledge Manager (NPX)	NC Shop Floor Reviewer (NSV)	NC Machine Simulation Engineer (NMN)
Collaborative Business & Industry Innovator (PCS)										

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The value of implementing DELMIA Machining

Companies that adopt the latest machining solutions will be able to experience:

30-40%

reduction in
NC Programming time

10-35%

reduction in machine time

50%-75%

quicker search time for past
projects' data

20%-50%

increase in capitalization
through reused knowledge
and processes

These factors contribute directly to operational efficiency, which translates to cost savings. They also result in better customer service and act as a clear differentiator for target customers—driving higher earning potential.

REDEFINE INDUSTRIAL EXCELLENCE WITH DELMIA MACHINING

Manufacturers have increased their digital investment over the last few years and accelerated the adoption of emerging technologies and processes to cut metals into different shapes, sizes and dimension—capabilities that were unimaginable just a few decades ago.

However, manufacturers often lack the time and resources to experiment and find optimal machining processes. They are often limited to using older and established methods. Choosing the right machining software with high level quality tool path supporting new trends in cutting tools to machine faster, enable cutting tools durability. This lends manufacturers a leading edge as they are able to create a competitive value differentiation before spending precious time and resources in real-world operations.

Through a 3D environment, DELMIA Machining demonstrates real, significant and tangible improvements in key performance metrics. With DELMIA, manufacturing executives are encouraged to accelerate the roll-out of advanced machining capabilities and sustain performance improvements.

Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.

Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.



3DEXPERIENCE®

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