

MACHINING

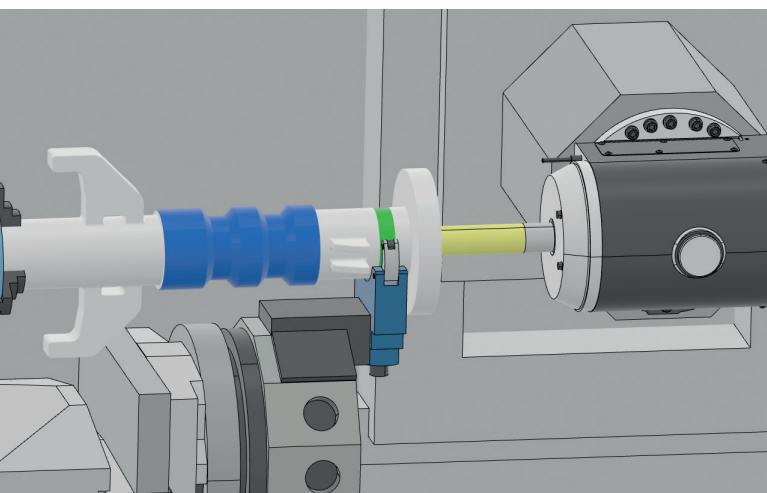
3D Stock-to-Part Solution



OPTIMIZE RESOURCES AND ACCELERATE TIME-TO-QUALITY

The DELMIA® **3DEXPERIENCE** Machining Solution provides an integrated design, simulation, and programming environment that optimizes resource utilization and improves quality from stock to finished part.

The DELMIA **3DEXPERIENCE** Machining Solution enables manufacturers to program, simulate, and optimize machining processes, from design to tool path. NC programmers can see the design changes, easily update the toolpath program, and then quickly see the impact on machining processes. As a result, manufacturers can identify and resolve errors early in the process, reducing time and cost. In addition, the DELMIA **3DEXPERIENCE** Machining Solution includes the ability to capture and reuse best practices through easily accessible templates, so you can standardize and share programming, tool setups, and resource utilization—thus fostering greater collaboration and continuous improvement across the company.



See the impact of changes with advanced simulation.

BUSINESS CHALLENGES

- How to reduce lead-time from design to production
- How to decrease development costs as product complexity increases
- How to reduce time to market while maintaining quality
- How to respond quickly and flexibly in a competitive environment
- How to strengthen the link between design and manufacturing
- How to standardize and reuse best practices

HIGHLIGHTS

- 3D immersive experience for machining simulation
- Real-time programming and NC code simulation in a single environment
- Support for multi-axis operations on CNC machines and robots
- Simulation of the real behavior of complex machining tools
- Copy and Paste machine programs to re-use programming on other parts
- Ability to maintain and use best practice templates

BENEFITS

- Improve collaboration across the enterprise
- Accelerate time to quality
- Maximize resource utilization
- Reduce programming lead time
- Increase programmer productivity
- Eliminate costly errors
- Reduce product development costs
- Improve agility and flexibility

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

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 210,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

