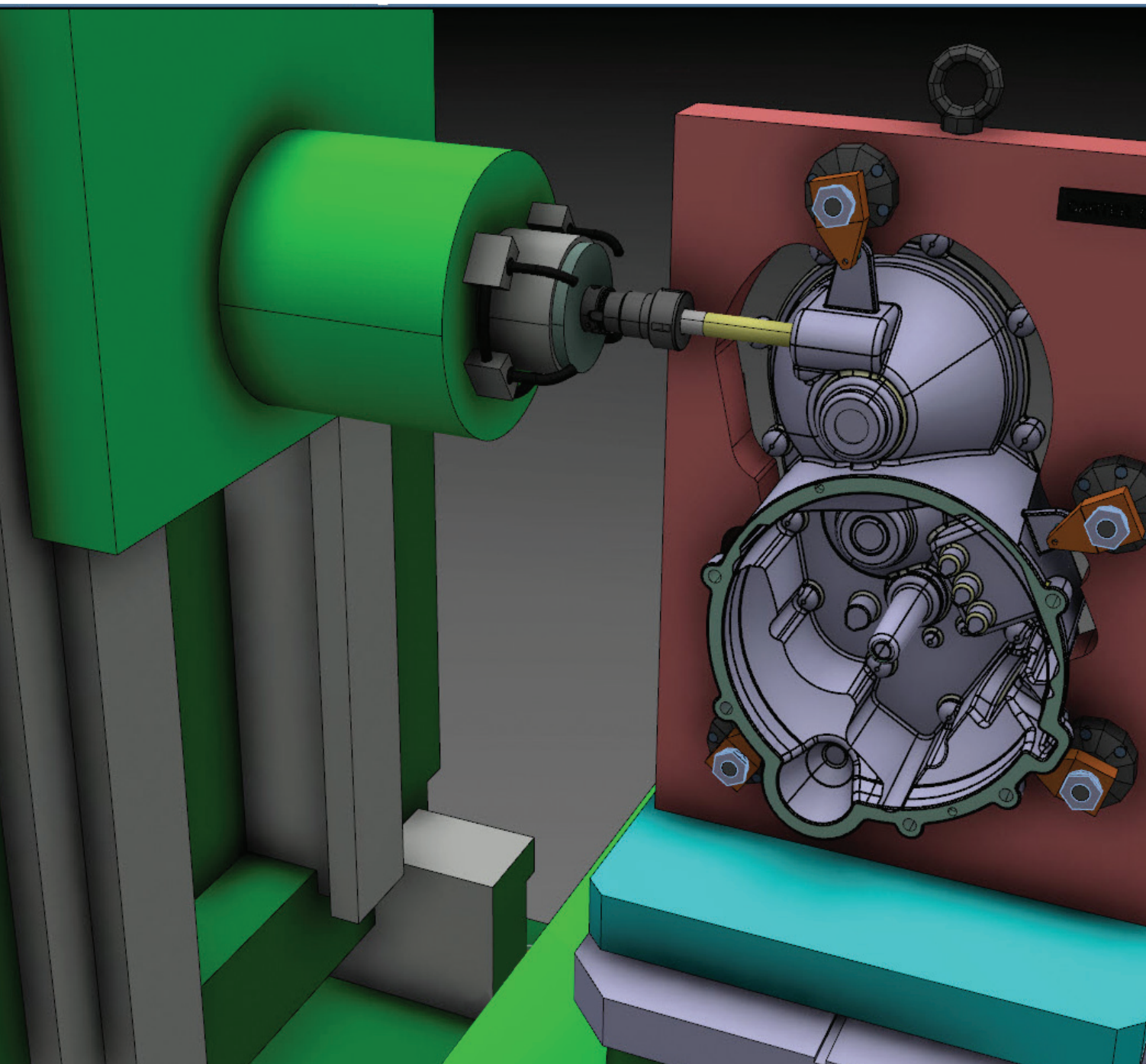


# MACHINING

TRANSPORTATION & MOBILITY

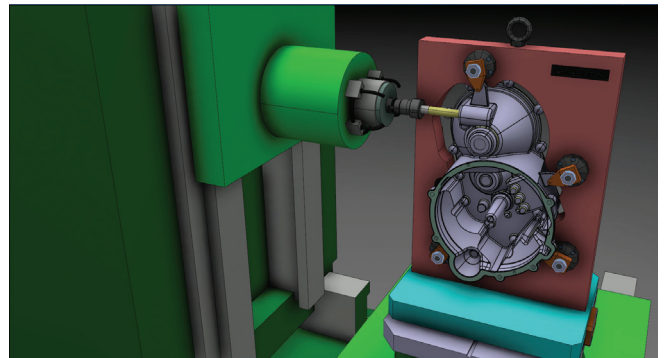


# Machine more, faster

*DELMIA's Machining solution for the  
Transportation & Mobility Industry  
enables companies to decrease  
product development costs,  
even as product complexities  
continue to increase.*

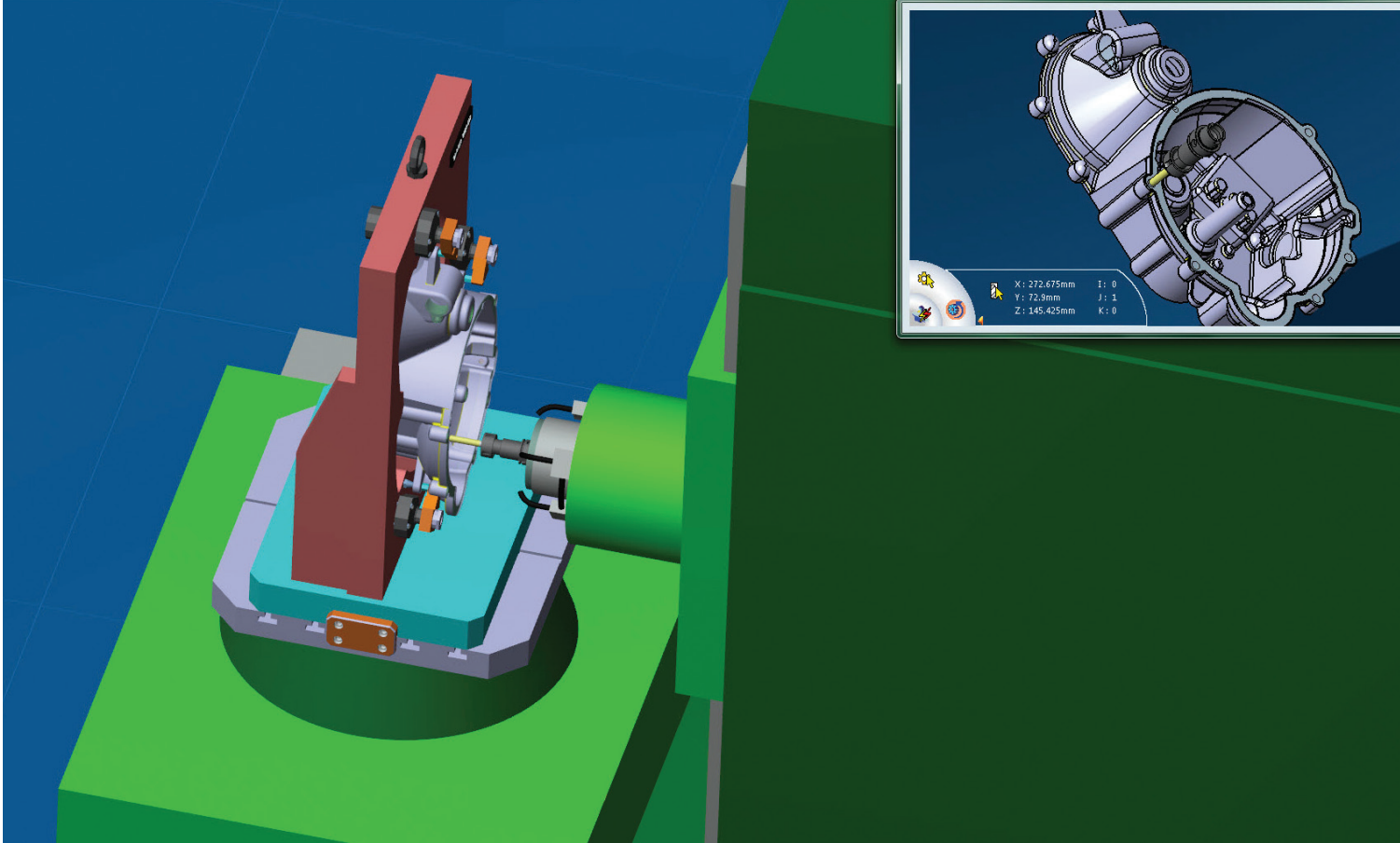
With DELMIA's Transportation & Mobility Machining solution, manufacturers program, simulate and optimize their machining processes through tight integration of tool path programming with machine tool simulation. NC programmers can now identify and resolve errors in tool paths earlier and reduce programming lead times.

With capabilities to capture and reuse best practice knowledge, NC programmers can program smarter and faster while maintaining the quality of the programs and precision of parts machined. This eliminates product prototyping and reduces development costs by increasing first-time quality.



Single environment for feature creation, programming and simulation.





Integrated machine programming and simulation.

## INDUSTRY CHALLENGES

- How to decrease product prototyping costs as product complexity increases?
- How to efficiently optimize tool paths, eliminate air cutting and automate process development?
- How to reduce time to market while maintaining quality and flexibility in a competitive environment?
- How to strengthen the link between design and manufacturing across an extended enterprise and identify the impact of design changes on machining processes?

## SOLUTION HIGHLIGHTS

- Integrated machine programming and simulation
- Program multi-axis CNC machines and complex mill-turn machines
- Best-in-class tool paths and integrated machine simulation capabilities
- Single environment for feature creation, programming and simulation
- Interactive process error logs
- Standardize and reuse best practices

## SOLUTION VALUES

- Reduce lead time with early NC program error detection
- Standardize machining best practices and reuse
- Minimize shop floor errors to increase first-time quality
- Eliminate product prototyping and reduce development costs
- Improve product development process with design for manufacturing and efficient change
- Reuse intellectual property across the extended enterprise and automate process definition and validation
- Standardize best practices and reuse for faster deployment
- Reduce manufacturing costs and time to market with precise work instructions
- Minimize errors and ambiguity in NC programs

## USERS

- Mechanical Parts NC Programmer
- Styling Shop NC Programmer
- Mold & Die NC Programmer



## Delivering Best-in-Class Products



Virtual Products



Model and Simulate our Planet



3D Design



Information Intelligence



Realistic Simulation



Dashboard Intelligence



Digital Manufacturing and Production



Social Innovation



Collaborative Innovation



3D Communication

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### About Dassault Systèmes

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