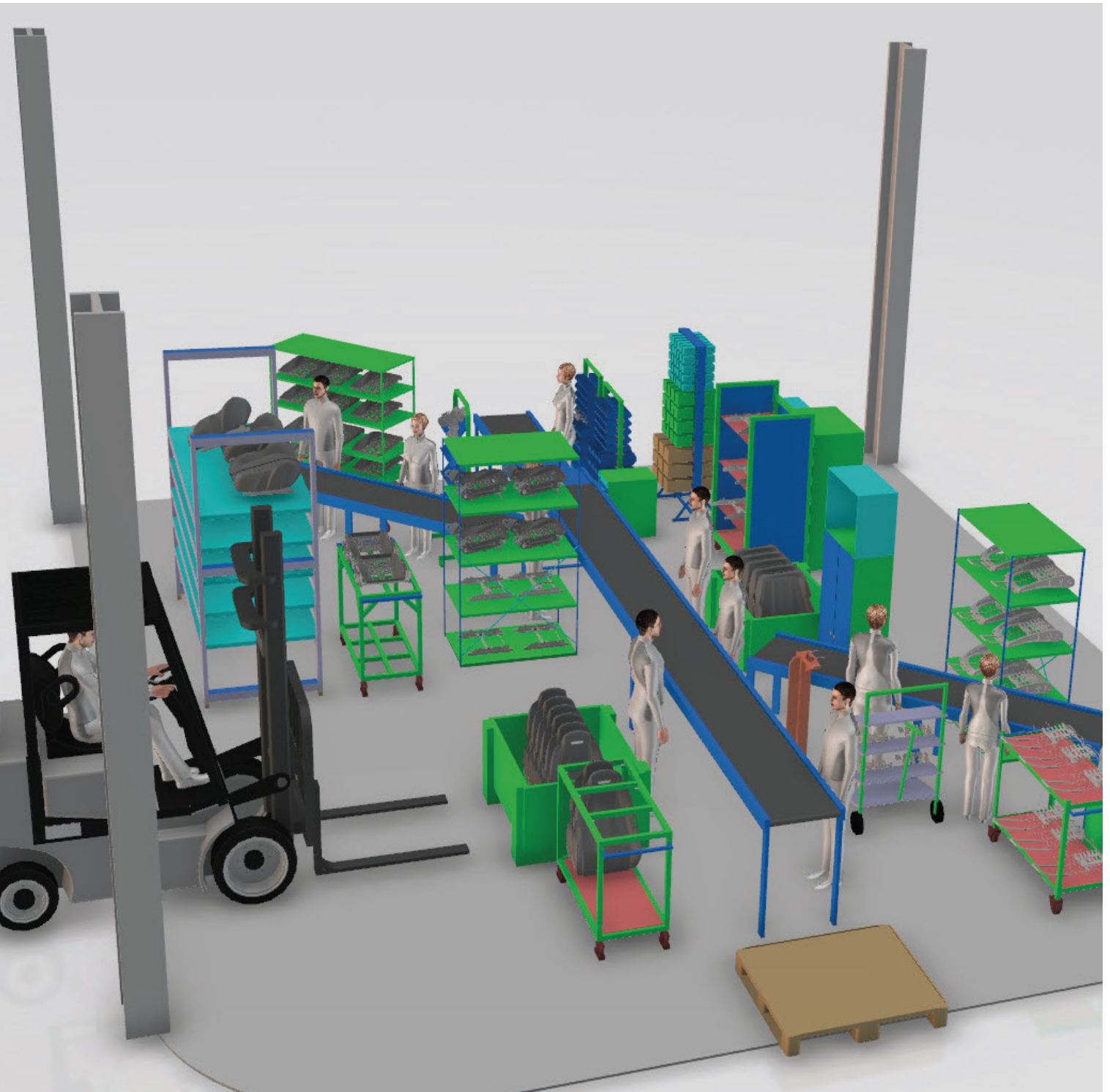




3DEXPERIENCE®

PROCESS PLANNING

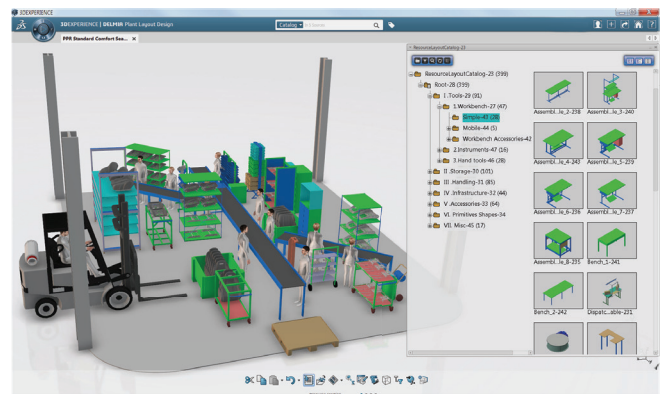
TRANSPORTATION & MOBILITY



Visualize and Validate Process Plans

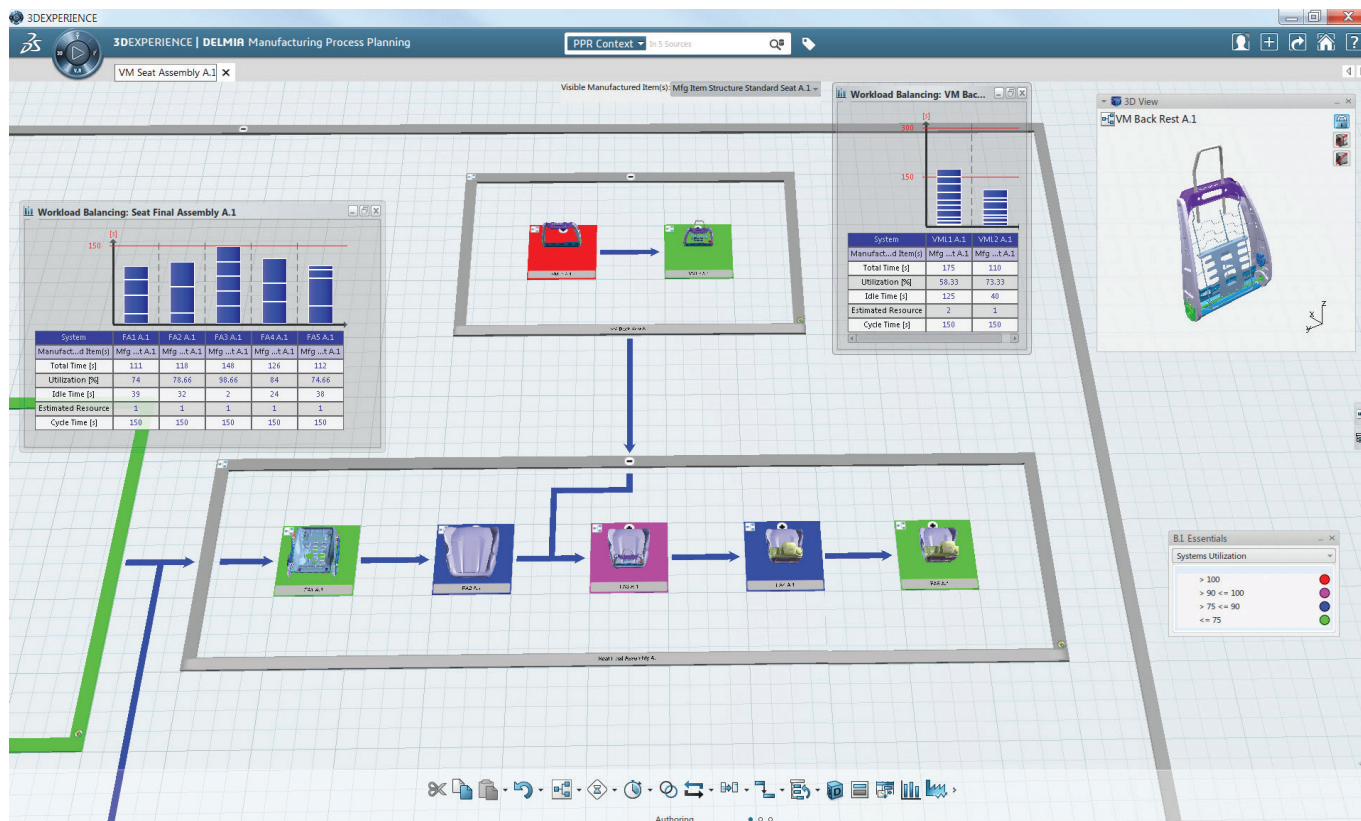
*DELMIA's Process Planning for the
Transportation & Mobility industry
provides a 3D process and layout
planning environment for suppliers.*

DELMIA's Transportation & Mobility Process Planning solution enables process planners working in the **3DEXPERIENCE®** environment to review processes in the context of the assembly line – even if the line or factory does not yet exist. Process plans can be modified at any time while lines for multiple product variants can be easily optimized. Worldwide access from any engineering or production site provides planners with a clear understanding of the time and effort involved with each operation and the impact of planning changes.



End-to-end process and layout planning for all manufacturing plants





Increase planning transparency to avoid contract penalties

INDUSTRY CHALLENGES

- How to avoid rework and increase quality for all production sites worldwide?
- How to monitor and increase planning quality and transparency to avoid contract penalties?
- How to manage and increase the product portfolio and number of variants to support more OEMs?

SOLUTION HIGHLIGHTS

- 3D assembly graph definition to visualize and validate the assembly steps
- Process plan definition to distribute operations with associated time analysis and assembly sequence
- Line balancing to optimize resource and worker utilization
- Layout planning with easy-to-understand overview of the assembly lines
- Engineering change management and impact analysis
- Assembly validation in resource context

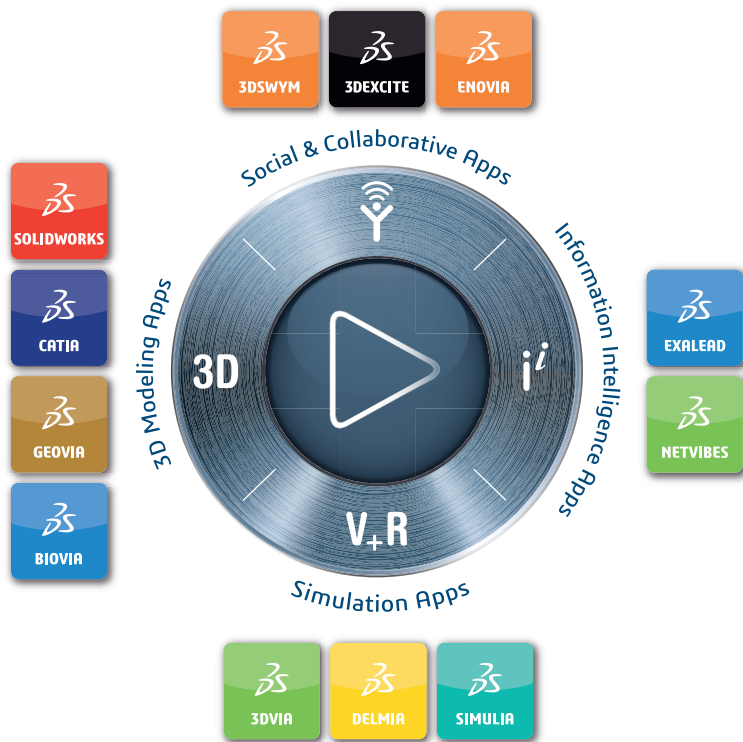
SOLUTION VALUES

- Increase manufacturing flexibility for order fulfillment
- Capture, standardize and re-use proven manufacturing practices and business know-how
- End-to-end process traceability to manage engineering change impacts, cost and delays
- Efficient planning through integration of manufacturing domains and data in one single repository and environment
- Global manufacturing plan with local variations
- Easy-to-learn and innovative 3D user interface
- Full visibility of planning maturity and KPIs

USERS

- Project Manager
- Process Planner

For more information, please visit www.3ds.com/DELMIA



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 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

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