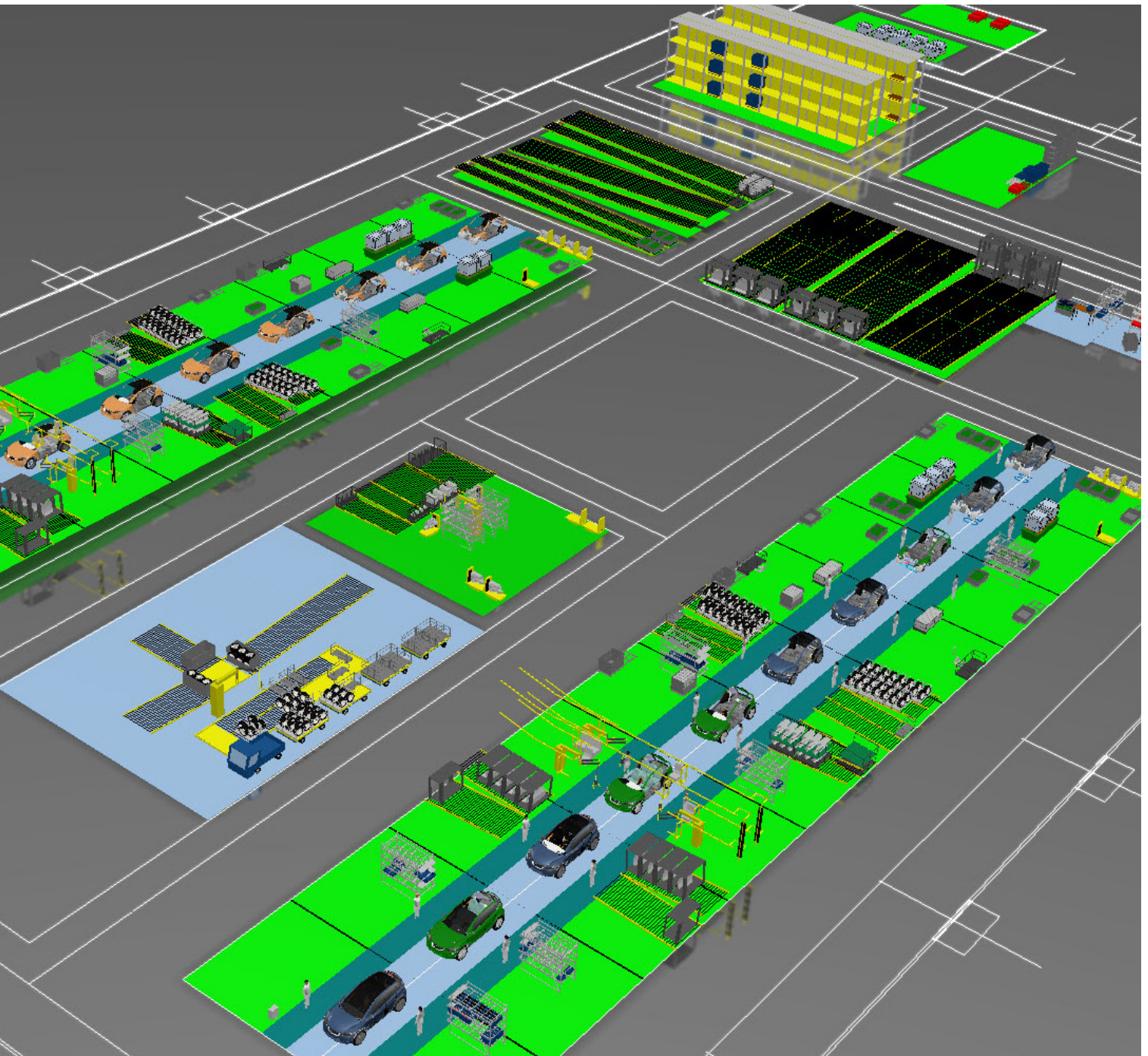


FINAL ASSEMBLY PLANNING

TRANSPORTATION & MOBILITY



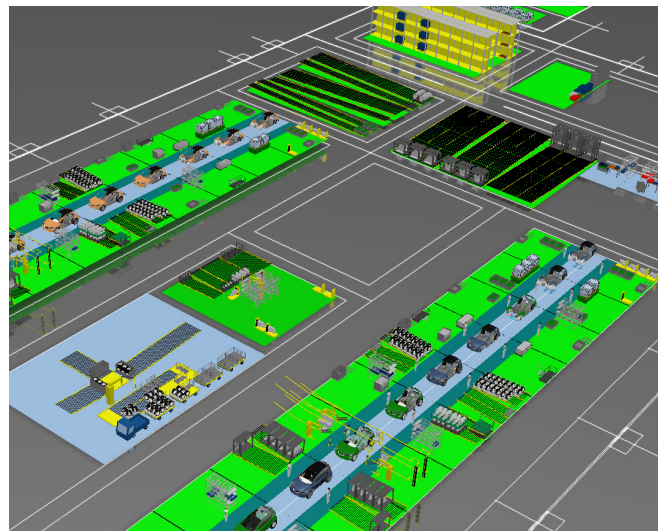
Increase Global Planning Consistency and Manufacturing Planning Efficiency

DELMIA's Final Assembly Planning for the Transportation & Mobility Industry enables OEMs and Tier 1 Suppliers to optimize production of car models and multiple variants on the same assembly line.

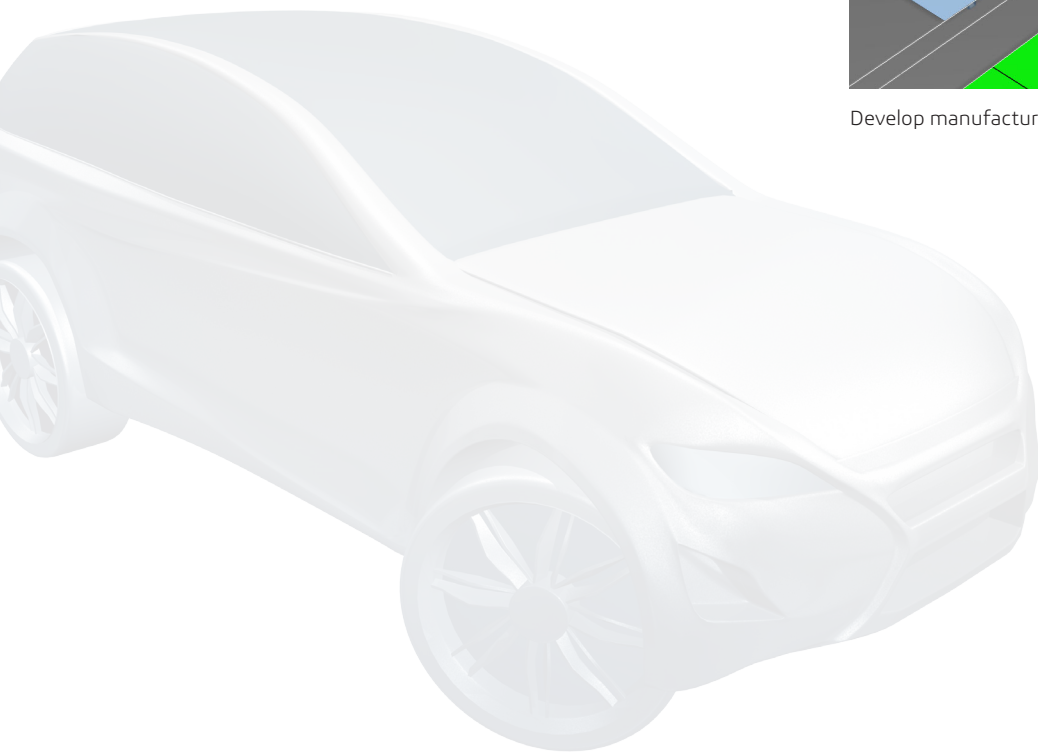
DELMIA's Transportation & Mobility Final Assembly Planning solution provides a revolutionary 3D process planning and line balancing environment for automotive manufacturing.

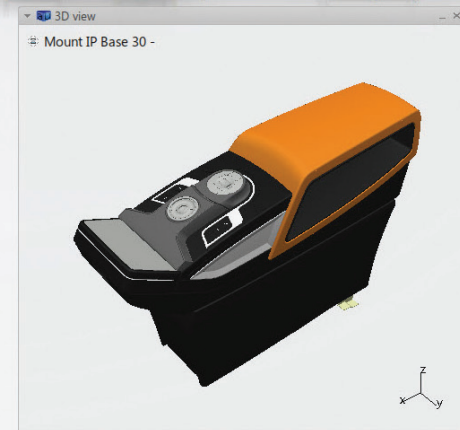
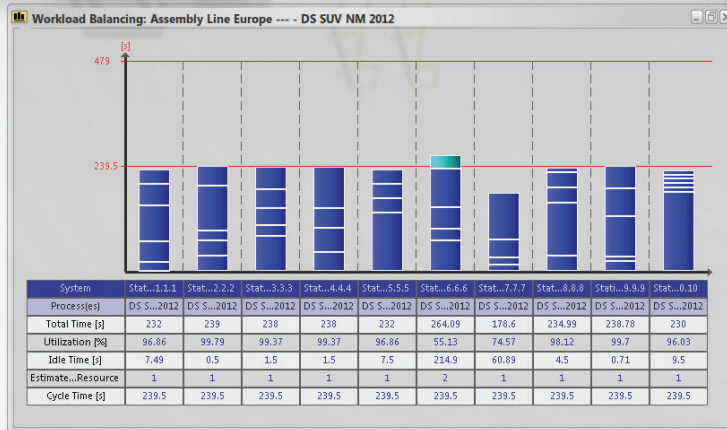
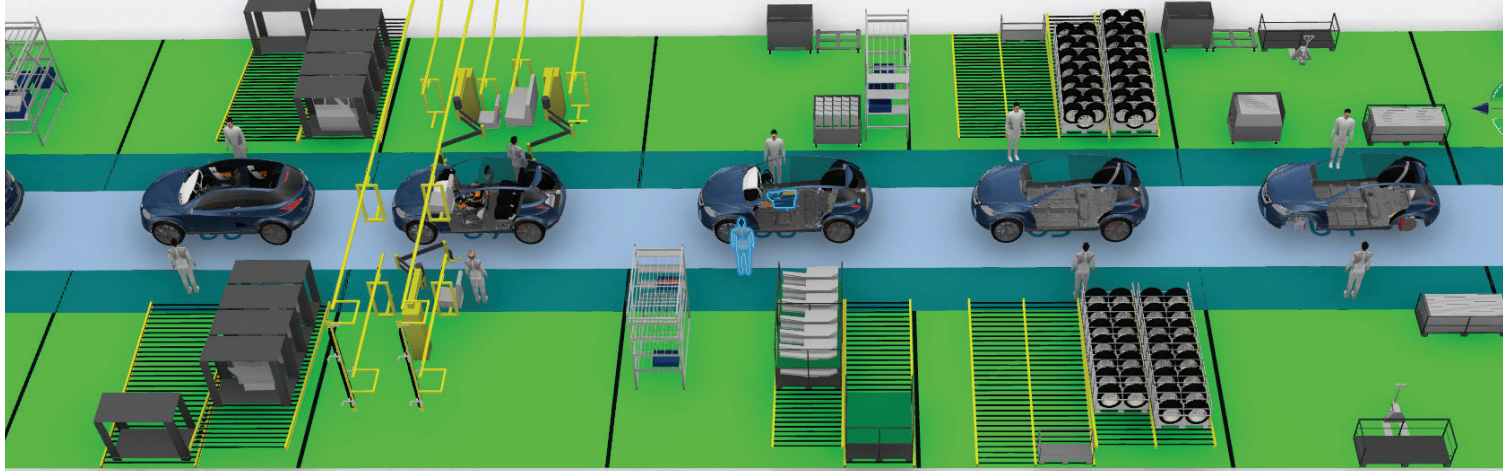
Process planners can develop manufacturing processes in the context of the assembly line – even if the line or the factory doesn't exist yet. Final assembly lines and work places for multiple car models and variants can be easily optimized. Working on the **3DEXPERIENCE** Platform, planners get a precise understanding of the time and effort involved with each operation and the impact of planning changes.

The DELMIA Final Assembly Planning solution provides worldwide access from any engineering or production site. Integrated engineering change management and impact analysis gives the ability to react quickly to design changes.



Develop manufacturing processes in the context of the assembly line.





Optimize workload balancing across workplaces with dedicated tools.

INDUSTRY CHALLENGES

- How to efficiently plan the increasing number of part variants and car model-mix on an assembly line?
- How to ensure flexible manufacturing and consistent planning for all production sites worldwide?
- How to reduce physical prototypes and costly physical assembly validation?

SOLUTION HIGHLIGHTS

- Capture and reuse local assembly manufacturing best practices
- Understand precise time and effort for each operation
- Validate assembly process plans prior to physical line builds
- 3D Line balancing with product build-up visualization
- Dedicated tools to optimize workload balancing across workplaces

SOLUTION VALUES

- Increase global planning consistency with manufacturing best practices
- Optimize production of multiple variants and car models on the same assembly line
- Improve planning quality with validated assembly processes
- Deliver manufacturing planning efficiency with integrated engineering change management and impact analysis

USERS

- Final Assembly Project Manager
- Final Assembly Process Planner
- Final Assembly Time Specialist



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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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 150,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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Europe/Middle East/Africa

Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific

Dassault Systèmes
Pier City Shibaura Bldg 10F
3-18-1 Kaigan, Minato-Ku
Tokyo 108-002
Japan

Americas

Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA

Visit us at

3DS.COM/DELMIA

