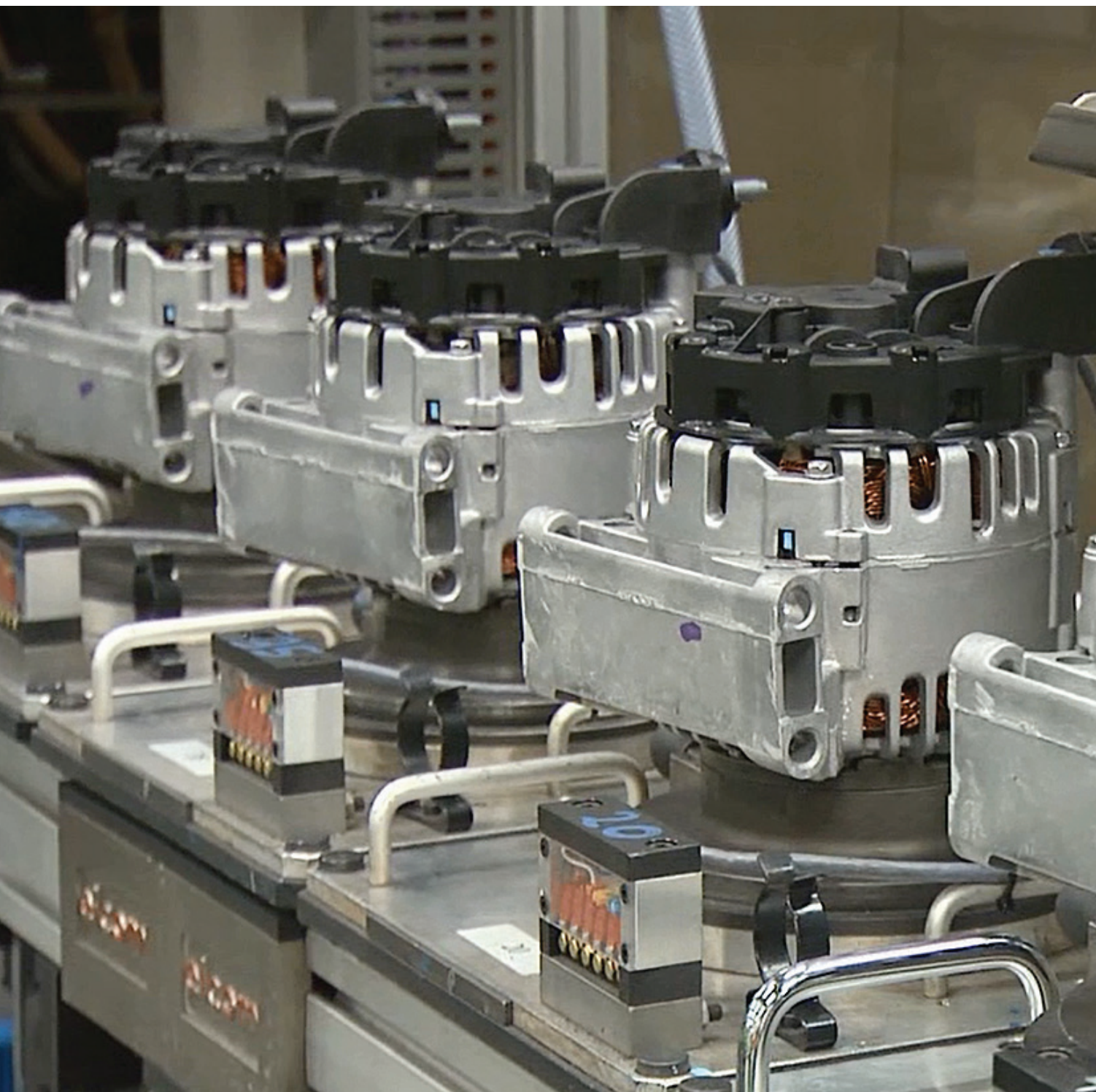




**3DEXPERIENCE®**

# LEAN MATERIAL SYNCH

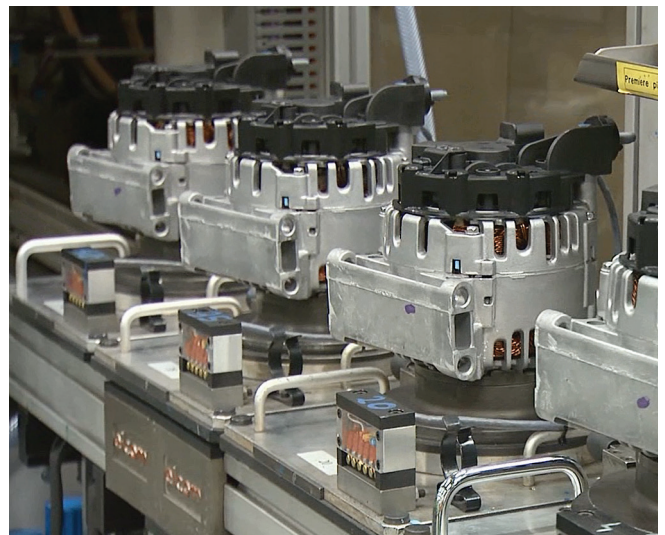
## TRANSPORTATION & MOBILITY



# Reduce Inventory While Increasing Production Throughput

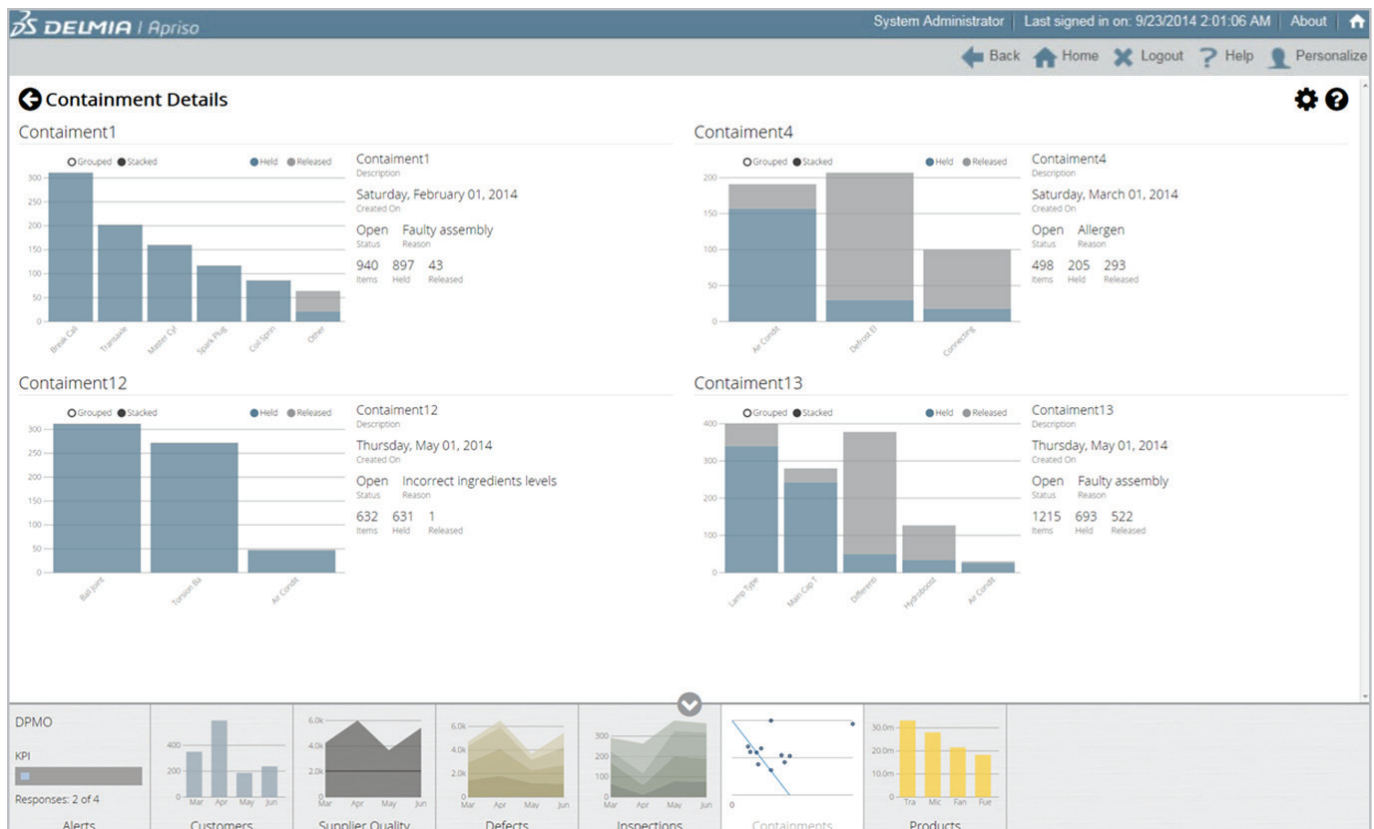
*DELMIA's Lean Material Synch solution for the Transportation & Mobility industry enables manufacturers to achieve real-time integration between the product supply network, production processes, and picking and shipping events within the plant, to remove waste and complexity.*

DELMIA's Lean Material Synch solution delivers the ability to achieve highly responsive, adaptive manufacturing by synchronizing raw materials, components and semi-finished goods with production, quality inspection and equipment maintenance processes. As an enterprise solution, manufacturers can define, control and optimize operations across multiple sites and functions, while still accommodating specific plant-level requirements.



Visibility and control of material supply and logistics execution operations





Global approach to traceability and containment that supports today's "single platform, many models" product strategy

## INDUSTRY CHALLENGES

- How to support different supply models across plants using a single solution?
- How to reduce the risk of production downtime?
- How to better synchronize material flows between warehouse and production to remove idle inventories?
- How to increase production capacity within the footprint of existing facilities?
- How to quickly contain defect 'spills' within and across internal plants?

## SOLUTION HIGHLIGHTS

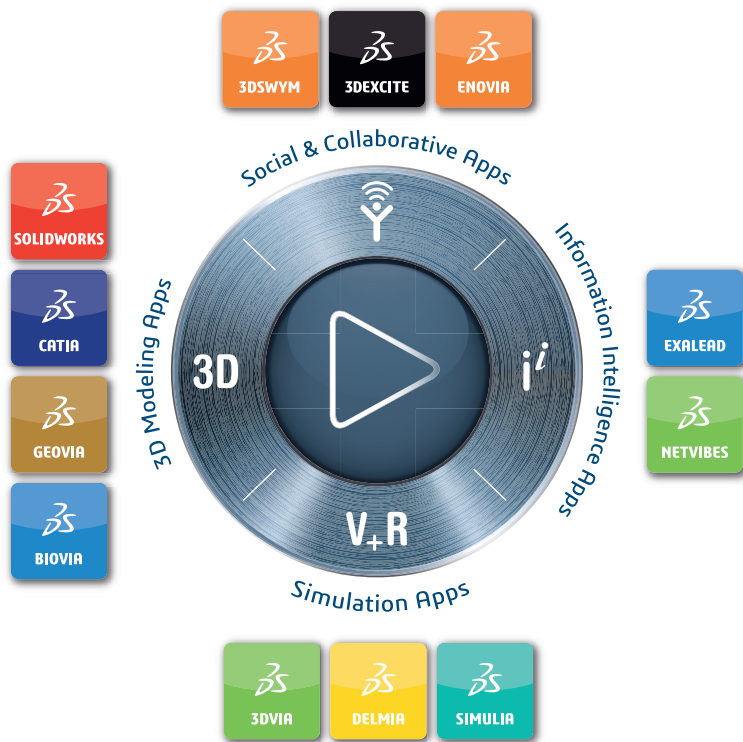
- Supports receiving, put away, picking, line replenishment and FG (Finished Goods) shipping
- Supports complex assembly triggers including concurrent sub-assembly and kitting operations aligned to mainline assembly
- Establishes an enterprise approach to material synchronization based on a business process-centric solution foundation
- Institutionalizes organizational 'best practice' processes that can be routinely enhanced quickly on an enterprise-wide scale
- Deploy a centralized solution foundation built on a unified data model that extends across plants and supports interlocking part and process traceability and containment

## SOLUTION VALUES

- Improves manufacturing efficiency and market responsiveness, while driving agile operations to reduce costs, and improve customer satisfaction
- Increases asset performance and utilization; lowers inventory levels and costs
- Reduces quality variability within and across plants
- Limits risk, lower potential liability and protect brand
- Reduces warranty, recall, labor and inventory costs

For more information, please visit [www.3ds.com/DELMIA](http://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](http://www.3ds.com).

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