



3DEXPERIENCE®

CLEAR TO BUILD

HIGH TECH



Reduce working capital and shortage by synchronizing supply inventory with demand through detail and real-time operations visibility

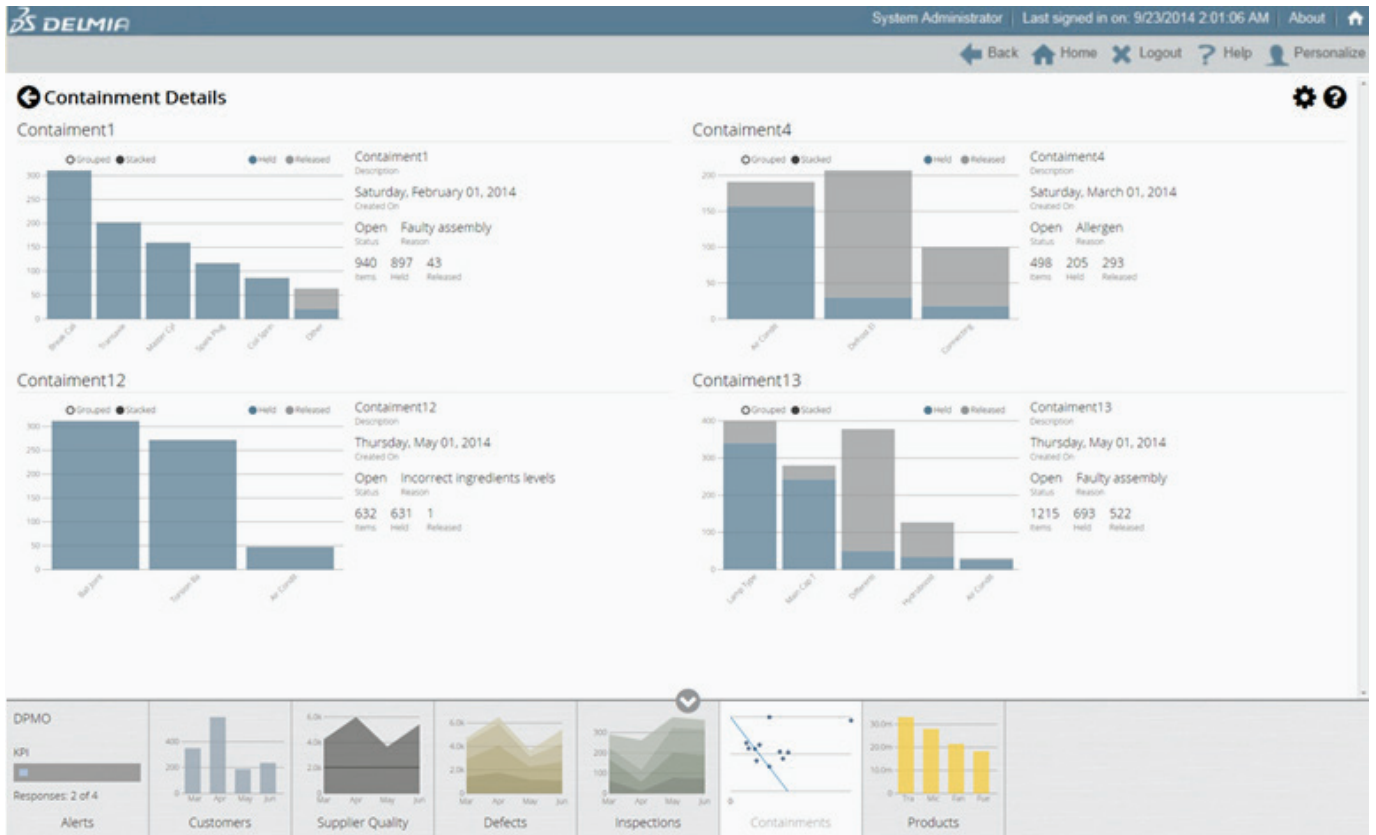
DELMIA's Clear to Build solution for the High Tech industry enables manufacturers to achieve real-time integration between the product supply network, production processes as well as picking and shipping events across the global supply network of both in-house and external warehouses and plants.

DELMIA's Clear to Build solution delivers the ability to achieve highly responsive, adaptive manufacturing and logistics execution by synchronizing raw materials, components and semi-finished goods with production, quality inspection and material management processes. As an enterprise solution, manufacturers can define, control, and optimize operations across multiple manufacturing and warehouse sites and functions, while still accommodating specific site-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 gain detail visibility of inventory across supply network including consignment, supplier WIP, in-transit inventories with details such as grades, product versions and status?
- How to control the security and locations of all engineering prototypes to protect IP?
- How to better synchronize material flows between warehouse and production to cope with mixed/sequenced production or postponement strategy?
- How to quickly contain quality defects within and across internal plants and suppliers?
- How to reduce material shortage that affects production capacity with existing facilities and avoid significant capital investment in new plants?
- How to track not only material inventory but also containers, pallet, packing materials inventory in the supply network?
- How to complement ERP and other planning capability with accurate, detail and real-time inventory information?

SOLUTION HIGHLIGHTS

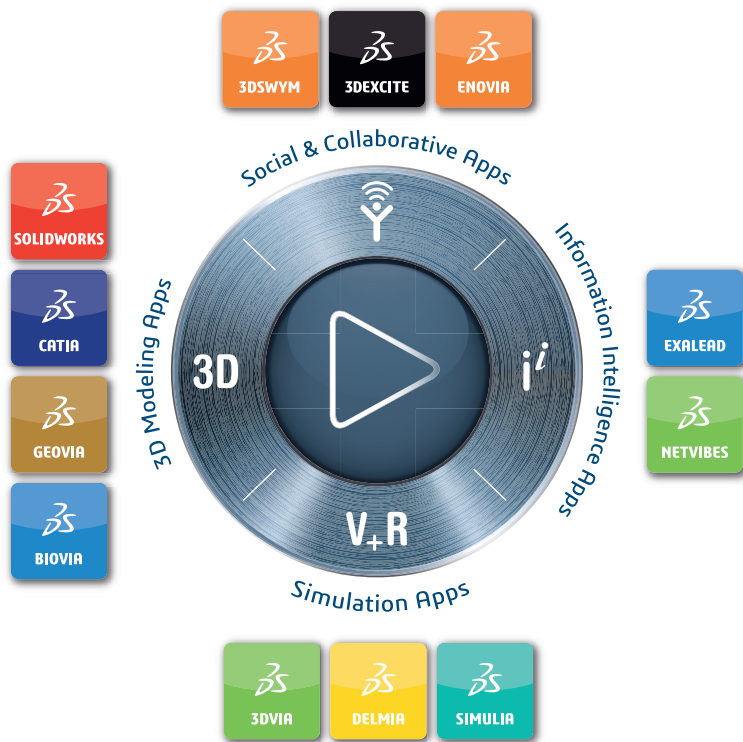
- Support receiving, put away, kitting, picking, Kanban replenishment, labelling and FG (Finished Goods) shipping
- Support manual, semi-automatic, automatic warehouse operations with detail container, license plate, pallet level recording that can be integrated with barcoding or RFID tracking capability

- Complement ERP or any planning software with full integration capability
- Support complex assembly triggers including concurrent sub-assembly and kitting operations aligned to mainline assembly
- Establish an enterprise approach to material synchronization based on a business process-centric solution foundation

SOLUTION VALUES

- Improved manufacturing efficiency and market responsiveness while driving agile operations including mixed product production and postponement capability to reduce costs, improve customer satisfaction
- Improved efficiency of risk-pooling through more real-time, accurate and detail inventory visibility and control
- Reduce working capital through enablement of advanced pull manufacturing and replenishment across the global enterprise
- Increased asset performance and utilization, lowers inventory levels and costs
- Reduce quality variability within and across plants
- Limit risk, lower potential liability and protect brand
- Reduce warranty, recall, labor and inventory costs

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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