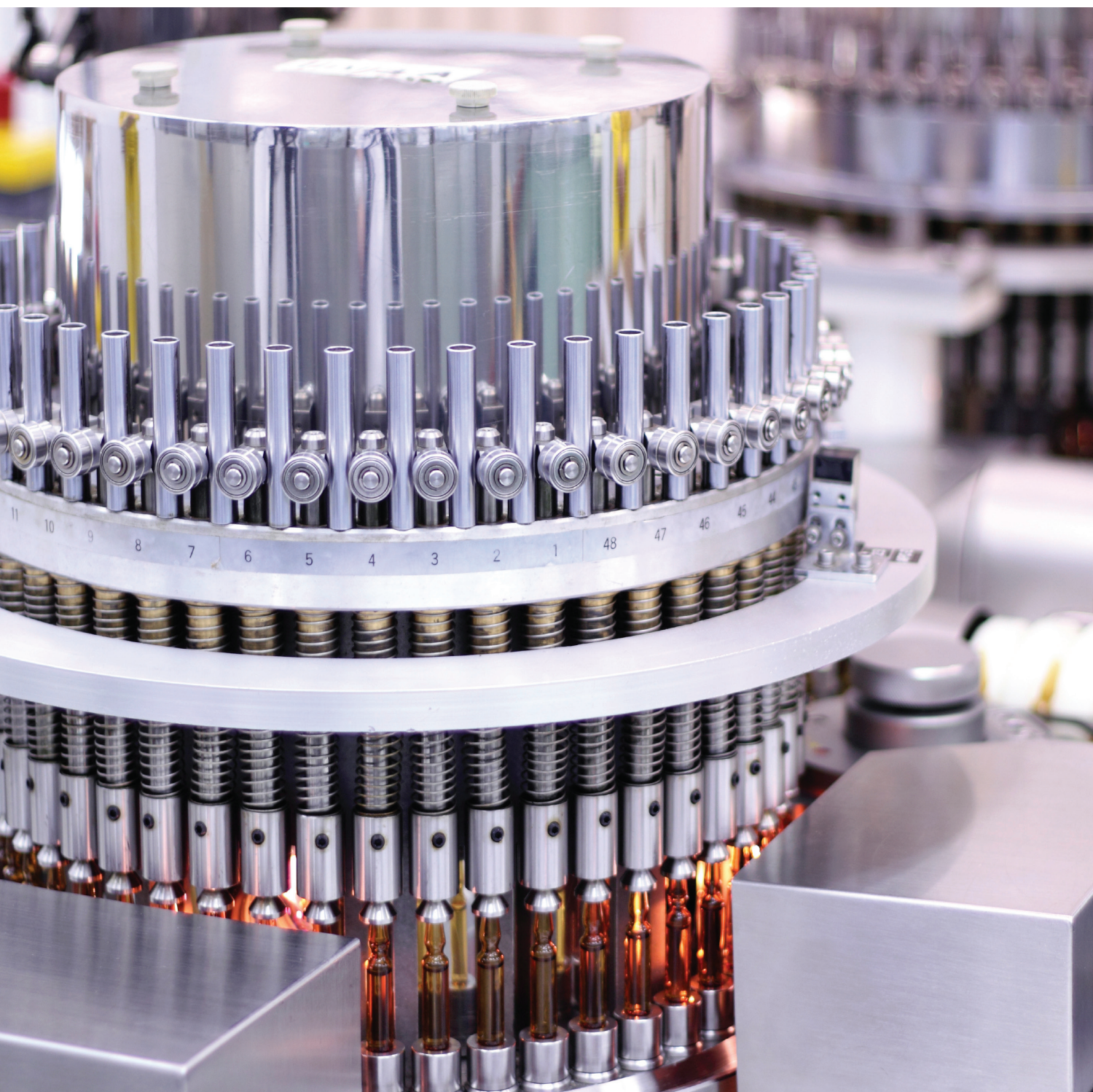3DEXPERIENCE®

PERFECT MANUFACTURING OPERATIONS

CONSUMER PACKAGED GOODS & RETAIL

Manufacturing Execution Precision

DELMIA Perfect Manufacturing Operations for the Consumer Packaged Goods & Retail industry delivers consistent quality, material synchronization, and Manufacturing Operations management.

DELMIA's Perfect Manufacturing Operations enables paperless manufacturing to drive accelerated New Product Introduction (NPI) and lower the cost of quality. Companies can manage coordinated NPI across an evolving supply chain through the synchronized exchange of version-controlled, electronic documents. Defect rates can be reduced and brand integrity intact with real-time error proofing for printing, packaging and labeling of target market orders. Manufacturing execution precision extends across multiple brands and regions. All operational elements can be managed within and across plants to deliver NPI and a consistent consumer experience regardless of location.

Ensure consumer experience with consistent product and packaging quality

Flexible platform adapts quickly to dynamic supply chains, regulatory requirements and continuous improvement initiatives

INDUSTRY CHALLENGES

• How to efficiently manage a growing number of SKU's across a dynamic supply chain?

• How can NPI cycle times be reduced without negatively impacting product quality?

• How to better synchronize material flows between suppliers, warehouse and production to remove idle inventories?

• How to ensure consistent consumer experience and protect the brand?

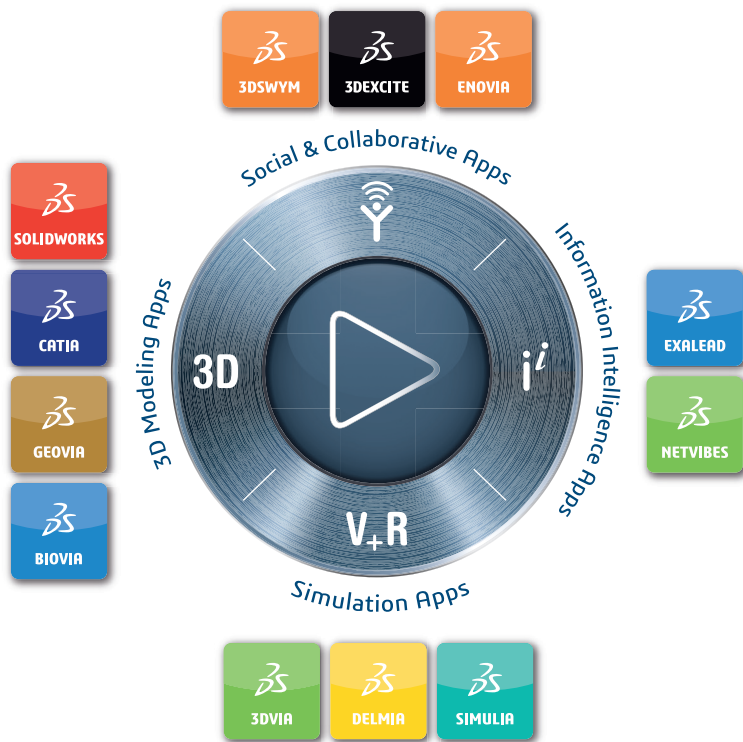• How to seamlessly integrate track and trace mandates into global operations?

SOLUTION HIGHLIGHTS

• Tech transfer teams have the ability to see and analyze non-conformances and deploy process improvements

• Provides directive processes to support receiving, Quality Control, put away, picking, line replenishment and Finished Goods shipping

• Supports logistics for raw and disposition materials and components against order with rapid brand or SKU changes

• Global platform enforces common processes, yet is flexible to adapt to local SKU and regulatory requirements and continuous improvement initiatives

• Shop floor synchronization ensures the right materials and tools are at the right place at the right time for all orders

SOLUTION VALUES

• Collaborative problem-solving across a dynamic supply chain drives faster issue resolution

• Improves manufacturing efficiency, market responsiveness and drives agile operations to reduce costs

• Increased asset performance and utilization, lower inventory levels and costs

• Ensure consistent consumer experience regardless of plant of origin or geography

• Support SKU growth while achieving streamlined inventory flow

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

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3DVIA   **DELMIA**   **SIMULIA**

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Our **3D**EXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3D**EXPERIENCE® 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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