



CONSUMER PACKAGED GOODS & RETAIL **PERFECT PRODUCTION**

End-to-End Planning and Execution for Manufacturing
Operational Excellence



HOW DO YOU ACCELERATE CONTINUOUS IMPROVEMENT IN YOUR GLOBAL MANUFACTURING OPERATIONS?

Growing SKU counts, short innovation cycles, and increasing regulatory pressures are the new normal. In this environment, the need has never been higher for manufacturing operations to deliver on-time, below cost, and with consistent quality.

Improving efficiency means implementing best practices across a broad manufacturing portfolio, and driving out common errors in production that lead to rework, scrap, and quality issues. Dassault Systèmes **Perfect Production** Industry Solution Experience, available from the **3DEXPERIENCE**® platform, provides a global manufacturing network with visibility into, control over, and synchronization across manufacturing operations, resulting in a leaner, faster, and continuously improving enterprise that drives more value than ever before.

INTRODUCING PERFECT PRODUCTION

A new standard in production excellence

With real pressure to grow operating margins, companies are challenging manufacturing operations to deliver more value. This is no easy task, as it requires coordinating all the complexity of different plants, operations, and suppliers to deliver the best asset utilization.

Through **Perfect Production*** Industry Solution Experience, your enterprise can have maximum visibility across the network of manufacturing facilities to have control, while continually driving adherence to standard operating procedure (SOP), regulations, and operational excellence. The result is a new standard in production excellence.

Reduce inventory and increase production throughput

Matching product volume and mix with actual manufacturing capacity helps drive increased asset performance and utilization, and helps lower inventory levels and costs.

You can synchronize enterprise-wide Manufacturing Master Data to specific plants in order to increase flexibility and responsiveness to order changes and shifts in market demand. **Perfect Production** is highly versatile and supports multiple material replenishment models and inventory management techniques to eliminate obsolete inventory.

Accelerate new product introductions by up to 20 percent

Perfect Production can coordinate and manage the exchange of electronic documents (including local market specifications and quality testing/inspections) for new product introductions across a dynamic operation involving multiple manufacturing sites. With rapid, incremental process updates and best practice processes consistently utilized across all manufacturing operations, time-to-volume can be reduced.

Lower the cost of quality

Quickly institutionalize best practice processes using **Perfect Production** to ensure the quality and consistency of the consumer experience regardless of the plant of origin or geography. Companies can consistently apply and enforce quality processes and give employees real-time visibility from the plant floor to the executive office. Having up-to-the-minute information from any plant within the enterprise helps reduce rework and scrap, and real-time error proofing for printing, packaging, and labelling helps keep production on schedule.

Global manufacturing visibility and intelligence

Perfect Production provides real-time visibility and dashboards of operations, work in progress (WIP), inventory location, quality issues, and demand to form a unique 'single source of truth' to focus on manufacturing efficiency. The single, integrated platform enables manufacturing to respond faster with a simplified IT structure that helps reduce cost.

Having access to insightful, real-time manufacturing intelligence allows for faster decision-making at the appropriate operational levels.

KEY BENEFITS

- Lower cost of goods sold (COGS) by up to 27 percent
- Accelerate new product introductions by up to 20 percent
- Reduce defect rates regardless of plant or geographical location
- Reduce inventory carrying costs while increasing production throughput
- Institute a global approach to traceability and containment
- Simplify IT and reduce total cost of ownership with a single global platform

Download more Perfect Production information at www.3ds.com/cpg

**Perfect Production is an industry solution experience available from the app(s) represented on the Dassault Systèmes 3DEXPERIENCE platform: DELMIA®*

Our 3DEXPERIENCE® platform powers our brand applications, serving 11 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.

