SMART FACTORY
MANUFACTURING OPERATIONS MANAGEMENT (MOM)
FOR CONSUMER PACKAGED GOODS INDUSTRY
HOW LEADING CPG MANUFACTURERS ARE MANAGING CHANGE IN A HIGHLY VOLATILE AND DYNAMIC INDUSTRY TO DELIVER INNOVATION FASTER, CHEAPER, AND SMARTER
WHAT SMART FACTORY LOOKS LIKE

PLAN
Perfect launches are planned with real-time visibility to manufacturing data across the enterprise

EXECUTE
Operational excellence is executed by synchronizing plant operations

OPTIMIZE
Continuous improvement is optimized with global manufacturing operations management and quality process standardization
SMART FACTORY PERFECTLY LAUNCHES PRODUCTS UP TO 20% FASTER

PERFECT LAUNCH, ENABLED BY:

• Digital continuity of data across the value chain
• Product design and manufacturing systems are digitally integrated (V+R)
• Simulation based decision support based on multi-scale global production model
SMART FACTORY REQUIRES OPERATIONAL EXCELLENCE

OPERATIONAL EXCELLENCE, ENABLED BY:

- Vertically integrated and networked manufacturing systems
- Dynamic production, warehouse, quality, and maintenance processes
- Synchronized material flows to production, fulfilling demand-oriented production
SMART FACTORY REQUIRES CONTINUOUS IMPROVEMENT

CONTINUOUS IMPROVEMENT, ENABLED BY:

- Real-time visibility, delivered across global, horizontally integrated value chain
- Global process consistency, while accommodating local variances
- A global approach to traceability and containment
PERFECT PRODUCTION INDUSTRY SOLUTION EXPERIENCE

- New product introductions delivered up to 20% faster
- Lower Cost-of-Goods Sold by up to 27%
- Reject rate close to zero
- Throughput increase without additional resources
- Transparency across production sites
L’ORÉAL PARIS

GENERATING VALUE

- Brand integrity with interlocking traceability, including suppliers
- Enforce best practices across evolving supply chain
- FDA compliant Batch Records (eBR), adherence to ISO 14001
- Solution facilitates >80 ECO /week under validated environment
- Visibility and control over 30 sites, globally coordinating NPI

L’ORÉAL DEPLOYS MONTHLY PROCESS IMPROVEMENTS TO OVER 30 SITES ACROSS THE GLOBE

> CLICK TO ACCESS VIDEO
SÜDZUCKER

GENERATING VALUE

• Enterprise warehouse, quality & production solution

• 3 to 6 Million Euro cost savings

• Line efficiency, material usage, overfilling and storage costs

• Visibility, synchronization, control of mfg. assets for analysis & continuous improvements

• KPI’s to drive reductions in QA/QC cycles

SÜDZUCKER CENTRALIZES AND ANALYZES DATA TO IDENTIFY AND REPlicate BEST PRACTICES ACROSS HUNDREDS OF PRODUCTS AND THOUSANDS OF BARCODES

> CLICK TO ACCESS VIDEO
SMART FACTORY

**PLAN**
End-to-end digital integration of data across value chain to increase the **agility** of the organization

**EXECUTE**
Optimize resource allocation and increase **efficiency** in the plants to drive revenue

**OPTIMIZE**
Optimize the global supply chain with smart and simplified processes to **accelerate innovation** and manage quality

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