sedApta group
smart manufacturing made easy

ENGINEERING

CASE STUDY DISCRETE

# CANDY

## AN ORCHESTRATED DEMAND PROCESS

Candy manufactured the first Italian washing machine in 1945 and went on to invent the modern front loading washing machine in the late 1950's. Candy quickly became synonymous with washing throughout Italy. Candy is an international brand that offers a comprehensive range of practical, high performance, freestanding and built-in appliances; skillfully combining the most advanced technologies with stylish Italian design. Throughout the decades Candy's mission has always remained the same: to meet the needs of consumers with innovative, easy to use products that represent great value for money at affordable prices.

## ABOUT THE PROJECT

Candy has been recently acquired by Haier Group that decided to adopt and integrate the new SCM Information System. The project objective was to replace the current information system in order to get the production, procurement and distribution planning and execution more reliable, consistent and visible. The idea was "Optimize as much as possible & Management by exceptions".

In particular, the main objectives were the following:

- Identify optimal distribution plan from sources to markets
- Move forward the moment in which the shipment order is allocated to the logistic network to postpone containerization
- Create a sales forecast on the logistics network nodes, starting from historical data and using mathematical algorithms
- Propose forecast related to new products, based on logical similarities to existing items
- Build a weekly-based forecast, according to historical curves or heuristic rules
- Manage the user support in interaction with proposed data in forcing activities
- Support the historical data characterization, identifying and managing (manually or automatically) the appropriate outliers
- Manage the collaboration process among functions / users, in order to get the consensus forecast, through a highly configurable collaborative workflow.

## IMPLEMENTED SOLUTION

Candy chose the sedApta suite's **S&OP**, **Demand Management**, **Master planning**, **Distribution Deployment** and **Inventory management**, in order to improve:

- S&OP process management to check high level demand feasibility (medium-long term)
- Sales forecasts generation on the logistic network nodes using mathematical algorithms and orchestrated collaborative workflow
- Target stock generation according to the defined service level goals

**COMPANY**
CANDY HOOVER GROUP

**INDUSTRY SECTOR**
HOUSEHOLD APPLIANCE

**DIMENSION**
47 BRANCHES SPREAD ALL OVER THE WORLD

**TURNOVER**
€ 1,14 MLD (2018)

**SEDAPTA MODULES**
DEMAND MANAGEMENT
MASTER PLANNING
DISTRIBUTION DEPLOYMENT
INVENTORY MANAGEMENT

- Replenishment generation on logistic network nodes at infinite capacity
- Master Production / Purchase Plan generation for finished products at infinite capacity
- Master Production / Purchase Plan generation for finished products at finite capacity (plants / suppliers).

## BENEFITS

- Customer service level improvement
- Networking capital reduction through stock optimization across entire supply chain
- Freight-in cost reduction
- Efficiency of the entire process of Supply Chain Planning and Execution (FTE/sales)
- Multi-user interactivity
- Process orchestration through hierarchical creation and validation with and geographic consolidation
- Multilevel data management
- Generation of multilevel and multi-hierarchical events (article, channel, time)