



QAD DYNASYS IN

CONSUMER PRODUCTS





CONSUMER PRODUCTS



QAD DYNASYS DSCP IS BUILT FOR CONSUMER PRODUCTS COMPANIES, BUILT FOR YOU

Every consumer products company wants to meet the goal of delivering the right product to the right place at the right time in the right quantity, while managing margins and optimizing the supply chain. Given, however, volatile consumer demand, pressure to innovate new products, intricacies of brand management, complex supply chains and aggressive competition, meeting the goal is highly challenging.

Many successful consumer products companies, in a wide range of segments, for example cosmetics, household products, luxury goods, apparel and tableware, use QAD DynaSys DSCP (demand and supply chain planning). DSCP helps consumer products companies meet their goals for brand development, demand management and new product introduction, while optimizing global supply chains and achieving best in class customer service levels. It enables you to effectively optimize, analyze, simulate, collaborate, understand and ultimately plan all

supply chain activities, making it easier to deliver the right product to the right place at the right time in the right quantity.

VALUE & BENEFITS

Using DSCP results in several business benefits for consumer products companies, including:

- Improves demand visibility and forecasts in order to better respond to market fluctuations – across customers, products and geographies
- Optimizes your use of material and human assets spread throughout the supply chain
- Streamlines customer fulfillment to reduce lead times and inventories while improving service levels
- Improves the profitability of your customers and of your orders
- Improves sales forecast accuracy
- Better manages product life cycles to improve global competitiveness
- Better manage sales and marketing promotional activities by analyzing at the optimal level of detail
- Minimizes inventory costs including reducing costly inventory re-deployment
- Streamlines the Sales and Operations Planning (S&OP) process

- Reduces supply chain costs by improving collaboration with customers and suppliers
- Reduces production and capacity bottlenecks by simulating alternatives
- Optimizes procurements plans for critical components and end items, improving service levels and reducing logistic costs

BUILT ON A STRONG FOUNDATION

QAD DynaSys has been helping consumer products companies improve productivity and profitability through better supply chain decision-making since 1985. QAD DynaSys invests heavily in research and development to ensure solutions are highly customizable to match each company's unique needs and are powerful, functional and ergonomic.



BUILT WITH A CLEAR FOCUS

Focus on Demand Planning

Demand Planning offers a collaborative solution for developing demand forecasts, the starting point of supply chain decision-making for consumer products companies. You develop sales forecasts based on sales history and other data sources such as marketing programs and promotions. You further tune demand forecast through collaborative processes that tap into the market knowledge of key business users.

Demand Planning carries out forecast calculations on multiple levels, uses a sophisticated statistical engine, and includes product life cycle and promotional data. It supports decision-making through numerous metrics and indicators, including statistics on forecast accuracy, ABC classification, comparison of actual sales to budget and safety stock dimensioning.

Focus on Supply Chain Planning

DSCP includes complete features for distribution, production and procurement planning, and network and inventory optimization.

Distribution Planning coordinates the product flow across the entire logistics network. It enables users to model distribution networks, calculates distribution requirements across the network and provides graphical visualization of product flows. It includes a stock deployment algorithm reflecting stock management strategies such as push flows,

pull flows, priority and fair share. It simulates product flow scenarios by observing stock and customer service-rate projections.

Production Planning provides finite capacity planning for manufacturing, capacity and inventory optimization. It optimizes Master Production Scheduling (MPS) and/or Sales and Operations Planning (S&OP) according to demand, inventory policies and production constraints. Multiple algorithms enable planners to perform capacity smoothing while monitoring stock to better tune

capacity utilization, optimize resources and synchronize different levels of production. The solution includes advanced controls such as Available to Promise and Capable to Promise, use-by dates or cost-based optimization.

Procurement Planning optimizes the master procurement plan and calculates the order and delivery plan for all purchased items including raw materials, packaging, finished goods and products linked to trade. Procurement Planning allows you to optimize an order plan according to your requirements, logistics constraints and inventory policies. It also supports merge orders to attain carriage-paid or full containers, and makes it simple to propose alternative suppliers when required.

Network and Inventory Optimization offers strategic network flow management that economically optimizes the supply chain while facilitating the monitoring and management of budgetary activity. The optimization takes into account a large variety of costs including production, storage, transport and fixed site, and includes production or storage capacity constraints. This ensures manufacturers define optimal routes within their supply network.

Focus on S&OP

Sales & Operations Planning facilitates communication and decision-making to balance supply and demand. It provides deep insight into the company's strategic objectives and operations to achieve optimal service levels and product mix.

DEMAND & SUPPLY CHAIN PLANNING FOR CONSUMER PRODUCTS

COLLABORATE | REDUCE
EFFECTIVELY | COSTS

IMPROVE
PROFITABILITY | IMPROVE TURNOVER
& PRODUCT MARGIN
ANTICIPATE
PRODUCTION & PROCUREMENT
REQUIREMENTS

PLAN, SIMULATE, OPTIMISE
YOUR GLOBAL SUPPLY CHAIN

FUTURE PROOF TECHNOLOGY

QAD DynaSys cloud – safe, secure and available. DSCP is available in the QAD Cloud. QAD Cloud services are ISO certified and carry SSAE15 SOC 1 Type II certification. Business continuity is assured with comprehensive disaster recovery planning.

Mobility. DSCP user experience supports Web, mobile and touch screen user interfaces.

Analytics. As the IoT and machine learning deliver a greater number of data points, supply chain solutions must have a best-in-class capability to translate data into trends and decision grade analytics. DSCP seamlessly embeds capability from Qlik, a leading business analytics provider. This provides a beautiful and pleasant to use data experience supporting responsive and accurate decision making.

In-Memory. DSCP uses a highly scalable, rapid in-memory data model enabling real time simulation planning and effective decision support.

Integration. QAD DynaSys supports integration with QAD, SAP, Sage, JDE, Oracle, Infor, Microsoft and many other ERP and enterprise applications. It uses a data hub approach to exchange supply chain information across the organization and includes tool for building custom integrations.



QAD DynaSys Headquarters

Espace Européen de l'Entreprise
Immeuble Le Skansen 3 Allée de
Stockholm F - 67300
Schiltigheim
France
Tel: +33 (0) 3 88 19 14 14

QAD DynaSys UK

Sir Stanley Clarke House Quinton
Business Park,
Birmingham, B32 1AF
United Kingdom
Tel: +44 (0) 121 506 6500

QAD DynaSys USA

2651 Warrenville Rd
Suite 580
Downers Grove, IL 60615
USA
Tel: +1 (805) 566-4500

E-mail: contact@dys.com