



QAD DYNASYS IN

FOOD & BEVERAGE





FOOD & BEVERAGE



QAD DYNASYS DSCP IS BUILT FOR FOOD & BEVERAGE MANUFACTURERS, BUILT FOR YOU

QAD DynaSys aim is to support food and beverage manufacturers in achieving their market goals for brand development, demand management and new product introduction, whilst optimizing their global supply chain.

The DCSP solution enables food and beverage companies to optimize inventory, significantly improve collaboration with suppliers and customers and plan promotions that are more effective. The DCSP suite also enables a more efficiently controlled manufacturing environment, improvements in supply chain efficiency and increased control of costs and improvement in margins.

Increased internationalization, mergers, increased competition, the growth in the number of products, shortening in the lifetime of individual products, increase in the number of promotions, make accurate demand management more and

more difficult. Within an industry with heavy and increasingly integrated methods of production, customer requirements are less and less anticipated and organization's need to be more and more pro-active.

On the opposite side, keeping stock is expensive and goes against the key requirement for flexibility and freshness demanded by the market and consumers. The F&B industry is also heavily affected by seasonality and limited availability of certain products through the year. The sector is characterized by complex and intensive distribution networks, reduced margins, which put the logistics organization and its associated costs under pressure.

As a result of this complexity, a critical success factor in delivering Supply Chain reliability is effective collaboration between all supply chain partners both internal and external.

The widespread growth of VMI (Vendor Management Inventory) in the Food & Beverage industries requires an even more acute management of risks and costs.

Other techniques like postponement, network production with exchange of semi-finished products, optimization of complex processes are not possible without Advanced Planning System (APS) tools.

VALUE AND BENEFITS

Becoming a market leader in the food and beverage industry requires the ability to anticipate customer demands, develop close supply chain partnerships, increase customer service levels, control costs and streamline operations. QAD DynaSys understands these needs and offers solutions and services to address them.

Food and beverage manufacturers deal with many different suppliers, sub-contractors, distributors and channels in taking their product to market. The DSCP suite accelerates communication at all levels of the value chain and provides a DSCP solution to manage demand, promotions, production, distribution and procurement planning.



Although the benefits will vary from a client to another, QAD DynaSys customers are able to:

- Improve sales forecast accuracy and therefore better manage Product Life Cycle to be more competitive in the global market
- Improve customer service level whilst reducing inventory
- Reduce inventory and shortages thanks to a better understanding of customer needs in the medium and long term – knowing what to produce and when will reduce the number of unused and wasted products whilst improving capital efficiency
- Reduce Supply Chain costs – as a result of better collaboration with customers and suppliers; by sharing planning or forecasts for example allows lower inventories and better performance. This in turn drives down sourcing costs by optimizing the sourcing according to cost simulation: transportation, storage and production costs
- Improve Supply Chain visibility and collaboration including communication and integration with customers, suppliers and internal/external partners enabling greater flexibility and agility

With a better Real Time Planning solution, food and beverage companies are able to measure and improve the performance of their global supply chain and to gain in agility and responsiveness.

BUILT ON A STRONG FOUNDATION

Since 1985, QAD DynaSys has provided Demand & Supply Chain Planning (DSCP) solutions to food and beverage companies, including global leaders in alcoholic and non-alcoholic beverages, baking, daily fresh production, and full process producers.



BUILT WITH A CLEAR FOCUS

The DSCP suite is natively integrated, flexible and can be customized. They enable food and beverage companies to optimize their global supply chain by:

- Achieving more accurate demand forecasts at all levels (product, customer, market) thanks to a powerful statistical engine
- Enabling effective collaboration between both internal & external supply chain partners
- Taking into account seasonality and external factors for the calculation of sales forecasts (weather, macro-economics)
- Managing sales & marketing promotional activities and setting up any cannibalization impact during and after the promotion
- Planning and optimizing distribution (avoiding obsolescence, management of Used By Dates, CPFR)
- Managing production resources and sub-contractors at finite capacity (labor, production and packaging lines)
- Planning procurement by synchronizing all of the bill of material levels and the lead times
- Managing the launches of new products and optimizing sourcing routes

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

