

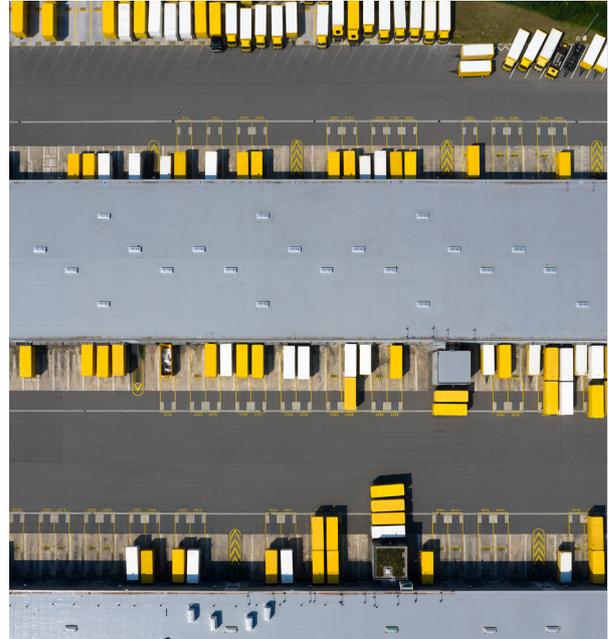
# Supply chain network design

**Körber's supply chain network design solutions help you understand and improve the profitability of your whole supply chain.**

## **Adding clarity to your costs**

Maintaining efficiency and productivity in the supply chain is a constant challenge:

- High supply chain costs associated with inefficient processes
- Lack of visibility on procurement costs and cost-to-serve
- Inability to quantify the cost of change
- Difficulty managing demand peaks and troughs
- Challenge of merging or consolidating supply chains post-acquisition



## **Key benefits**

### **Cost savings**

Identify the most efficient means of servicing demand within your network constraints, devise competitive distribution strategies and unlock hidden profits.

### **Procurement visibility**

Easily compare different sources and procurement options, helping you optimize product storage locations based on geographic demand.

### **Service efficiencies**

Save hours of manual spreadsheet work and streamline your supply chain, cutting costs while enhancing your customers' experience.

### **Reduce risk**

Test different scenarios, plan ahead and build supply chain resilience, all without affecting your current operations.

### **Assess change**

Assess the impact of change in:

- Demand
- Product availability
- Depot numbers
- Locations on cost-to-serve

All of this will help you calibrate your network capacity to meet demand.

### **Simplify complexity**

The system works with complex logistics interdependencies, well beyond the scope of conventional software.



### End-to-end control of your supply chain

Whatever the level of network complexity, Körber's network design solutions means you can control costs and establish competitive, resilient end-to-end supply chains.

Equipped with its own maps and route information, it enables you to review the number, location and capacities of depots. This is key to forecasting demand and identifying the impact of supply chain changes on margins and service levels.

Using powerful algorithms, it can determine the optimal routes, mode of distribution, demand points of depots, resource requirements and cost-to-serve model for each customer, suggesting alternatives for review.

The system can also indicate additional costs. For example, those that may be incurred by serving a demand point from the "next best" depot, etc. Where product sourcing exchange agreements exist, managers can analyze their cost-effectiveness and structure, empowering the contract negotiation process.

The results are easy to interpret, using a combination of graphs, maps and tables. Implementing the system is simple too, since it does not require IT integration. The data can be exchanged using simple drag and drop between spreadsheets.

**“Payback has been rapid, and while it is early days yet, I believe we will go on to achieve some 5% reduction in our total distribution costs as a result of undertaking this first project.”**

**James Rudman**

Business Development Director – Flogas

### The Körber difference

With over 20 years of supply chain experience, Körber's network design team are skilled in identifying business efficiencies and opportunities. This expertise is key to helping you maximize your business returns, now and well into the future.

**“Körber has enabled us to gain an unparalleled picture of the entire supply chain so that all the components are optimised. Its graphics are excellent, stimulating buy-in from all team members, and new data assessments can be delivered in less than 20 seconds.”**

**Heiko Buechler**

Manger Supply and Exchange  
ConocoPhillips Germany

## Network design solutions in practice



### Phillips 66

One of the world's largest oil refiners, Phillips 66, uses Körber's network design solution during the annual renegotiation of its exchange agreements, helping the company quickly evaluate each potential agreement in order to reach the most cost-effective deal.



### Syngenta

World-leading agribusiness Syngenta invested in Körber's network design solution to help them understand the mix and interactions of their logistics costs in greater depth. By separating all the primary and secondary distribution costs, Syngenta realized a 5% difference in their reported costs.

