

OMP.

FOR LIFE SCIENCES



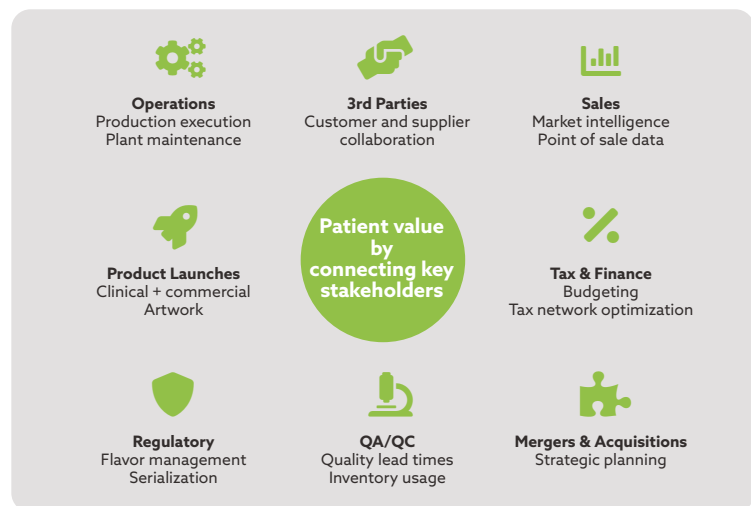
Making your day

For an impeccably responsive and agile organization



Life sciences companies are consistently engaged in delivering the right products in the right way at the right time to patients all over the world. But demand is fragmented and disrupted by regulatory and other shock waves. And biomedical advancements add further complexity, with new products being introduced at a steady rate. Life sciences companies should expect the unexpected. They must turn their supply chain into an impeccably responsive and agile organization. OMP for Life Sciences helps them do just that. This comprehensive planning solution means that the entire value chain can be managed in unison. It gives true end-to-end visibility, stimulating people to work together for total optimization aligning strategy, tactics and operations.

Demand is susceptible to patent cliffs, regulatory changes and the disruptive impact of tenders and parallel trade

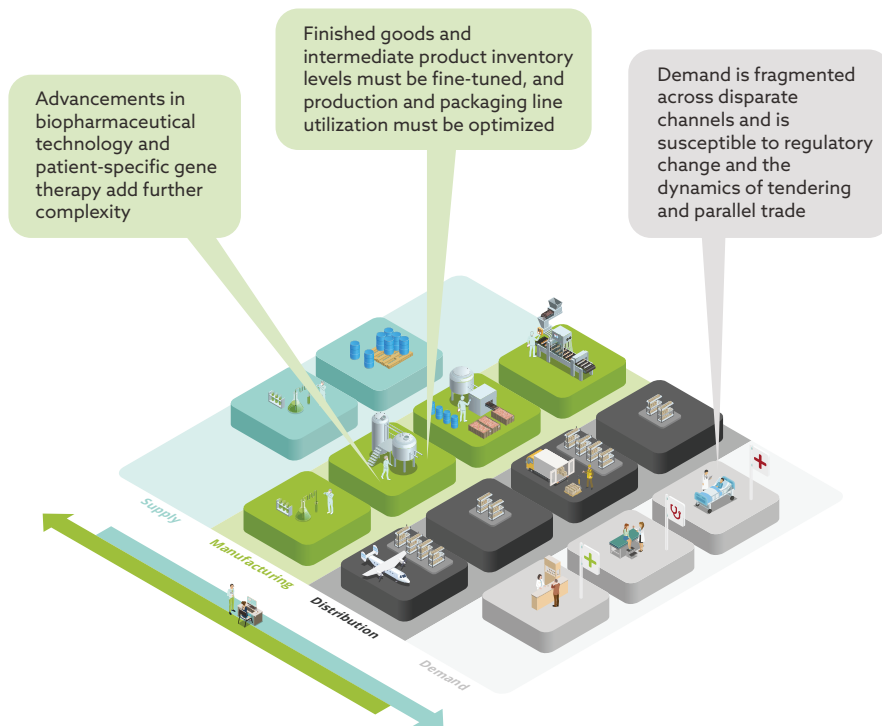


Demand is fragmented and susceptible to disruption

The complexity of the life sciences supply chain mainly springs from fragmented demand across disparate sales channels and its susceptibility to patent cliffs, regulatory changes and the disruptive impact of tenders and parallel trade. These dynamics can make it a particular challenge for life sciences companies to dependably get all the right drugs to patients across the globe, appropriately dosed, packaged and labeled.

Connecting all stakeholders

Companies have to be agile and flexible. They need to make careful adjustments to their networks of distribution centers, constantly optimizing finished goods and intermediate product inventory levels, while optimizing utilization of production and packaging lines. Upstream production assets also need to be optimized, taking into account quality and regulatory constraints as well as CMO, dual sourcing strategies and the financially-driven network strategy. Close collaboration and smart decision-making across the entire supply chain is crucial.



Bridging the gaps, making smarter decisions

OMP brings together all the complexities of the life sciences supply chain in one single model, including all the constraints and interdependencies of assets and production and distribution processes. This holistic model helps you manage all your activities in unison, breaking down the barriers between master production planning, detailed scheduling, demand planning, sales & operations planning and strategic planning.

Clinical and commercial supply chains are managed as a whole, including interactions with suppliers, CMOs, and 4PL providers. What-if simulations allow you to evaluate the impact of different scenarios, leading to smarter decision-making.

What-if simulations allow you to evaluate the impact of different scenarios, leading to smarter decision-making

Boosting supply chain performance

By bridging the gaps between planning, quality assurance and control, finance, plant maintenance and the regulatory framework, and by making smarter decisions, you can:

- Shorten reaction times and slash lead times
- Improve overall efficiency
- Lower safety stocks
- Reduce risk related to expiration or regulatory changes
- End-to-end visibility and control

OMP for Life Sciences – key takeaways

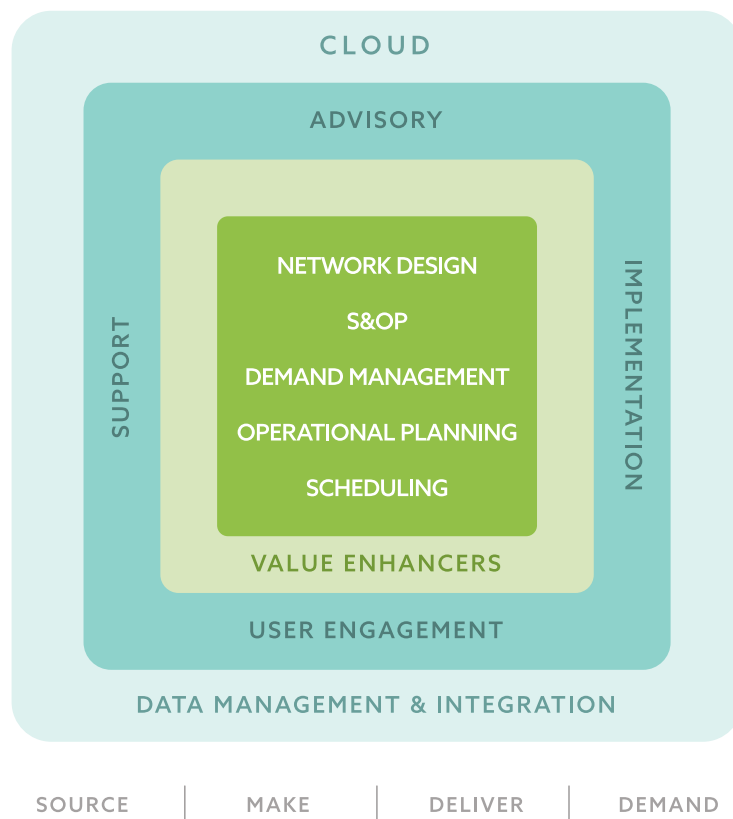
The solution covers every aspect of the life sciences supply chain. Its key takeaways include:

- Accurate planning and scheduling of complex multi-stage and multi-site production, including chemical and biological drug substance campaigns, drug product manufacturing, and packaging and labeling
- Multi-step drug substance manufacturing from working cell bank to purified API, including cell ageing constraints, potency management, and tank scheduling
- Campaign and lot sizing for multi-purpose assets, including multi-level batch balancing
- Variable bills of materials and managing co- and by-products
- CMO and raw material sourcing and collaboration
- Clinical and commercial forecasting and demand planning, including the use of advanced demand sensing based on downstream signals
- Events and phase-in/phase-outs
- Managing regulatory constraints and quotas
- Managing expiration dates and minimum remaining shelf life at every stage
- Quality assurance, conditional release, and rework management
- Contamination and cleaning management
- Multi-echelon inventory optimization across drug substance, drug product and (distributed) finished goods
- Integrated transport planning and optimization
- Seamless integration with ERP systems
- Supply of medical devices, including contract management, sterilization rules, and managing VMI
- Financial modeling and financial KPI management
- Comprehensive what-if functionality for scenario evaluation



OMP's unique Unison PlanningTM is designed to make the life of supply chain managers and planners much easier. It connects up all planners, from demand to delivery, in one intelligent platform. Outstanding tools allow individual plans to be fine-tuned, taking care of all the constraints at every level and optimizing the supply chain as a whole. As a result, everyone in the organization is happy to work in unison.

People make this happen. Your people, our people. That's why Unison PlanningTM involves a combination of software and services. Because with people working as one, we reach beyond today's challenges and achieve planning intelligence fit for tomorrow's world.



Also want to master your supply chain from end to end? **Contact us**

OMP.

Antwerp - Atlanta - Barcelona
 Cologne - Mumbai - Paris
 Rotterdam - São Paulo - Shanghai

info@omp.com
 omp.com

Some of our satisfied customers:

J&J - Coloplast - UCB - Bayer - Lonza - AstraZeneca - Famar - Siegfried - Novo Nordisk
 - Roche -