

# Commercial Supply Planning for Biotech application

Scale confidently, optimize patient supply, and maximize return on investment



Biotech companies are at an inflection point, driven by unprecedented acceleration in science and speed to market. But they also face intense headwinds — diverging global regulations and complex compliance demands — that make scaling production and achieving a return on investment more challenging than ever.

The complexity of biotech supply chains is outpacing many organizations' planning ecosystems, resulting in limited visibility, bottlenecks, and data integrity gaps. Siloed expertise and a lack of mature, scalable processes lead to reactive firefighting and an inability to connect strategic goals with operational realities, putting patient supply and financial targets at risk. The industry faces challenges such as complex CMO network orchestration and risks of manual planning, volatility, and regulatory constraints.

## Connect your end-to-end supply network

The Commercial Supply Planning for Biotech application, built by Bluecrux, helps you connect your complex supply network from end to end. Powered by an embedded optimization engine and tailored for the unique constraints of your industry, this solution aligns production, distribution, and inventory with visibility across the entire network — from drug substance to finished product.

Unlike disconnected spreadsheets and point solutions that isolate planning from execution, Anaplan delivers a unified, agile platform that empowers you to drive long-term success. By enabling data-driven scenario planning and unifying critical planning processes, the application ensures you can navigate volatility and scale with confidence.

## Key benefits



Protect patient trust and revenue by optimizing supply from launch through the full product life cycle.



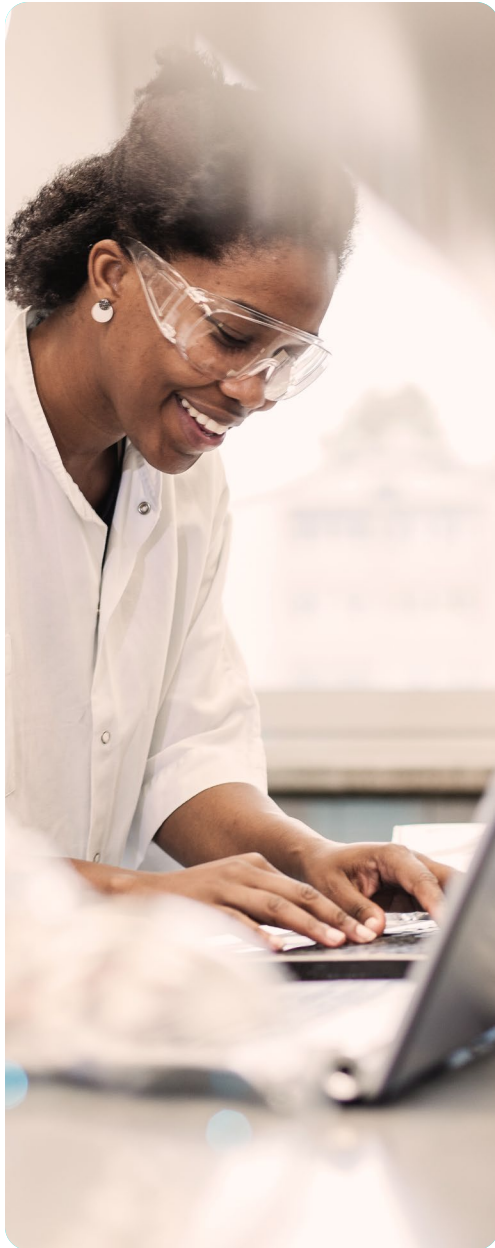
Drive operational excellence with end-to-end visibility and control over internal and external manufacturing.



Build long-term resilience by leveraging scenario modeling to respond decisively to dynamic regulation and compliance and supply disruptions.



Enhance patient care, cost-to-serve, and capacity utilization across the network while maximizing profitability.



## Key features

The Commercial Supply Planning for Biotech application offers:

### Supply and inventory planning

Achieve end-to-end visibility from drug substance to finished product. The application features shelf-life planning with automated constraint checks.

### Product and stage planning

Benefit from integrated planning across drug substance, drug product, and finished product stages, complete with dependency logic. The solution includes robust batch management (size, yield, lead time) and allocation optimization to handle challenges like yield loss or regulatory shifts.

### Compliance and regulatory matrix

Navigate complex global regulations with a country-specific, version-controlled compliance matrix. Regulatory release sequencing and QA timelines are integrated directly into the planning logic, which also supports market-specific formulations and country-of-origin labeling rules.

### Capacity and external network management

Effectively manage your external manufacturing network by modeling supplier and CMO capacity constraints.

### End-to-end supply network optimization

Leverage an embedded optimizer to align production plans for internal and external operations and inventory across your entire internal and external supply chain. This is crucial for managing a highly regulated and fast-changing environment, ensuring you can balance patient care, cost-to-serve, and capacity.

## The Anaplan platform offers

- **Application framework:** Rapidly deployable best practices, configurable to customer requirement, upgradeable with future releases, and extensible to other use cases through core platform capabilities.
- **Dashboards, reports, and analytics:** Visualize key supply chain data in real time through a single source of truth.
- **“What-if” scenario and multi-dimensional modeling:** Run ultra-fast calculations at scale using Anaplan’s high-performance calculation engine.
- **Collaborative and agile planning:** Plan across corporate and business units, and across functions like HR, finance, sales, marketing, and supply chain.
- **Best-in-class security and data privacy:** Includes role-based access control, SAML 2.0 SSO support, user management, and data encryption.
- **A highly extensible ecosystem:** Connect data and tools with APIs, ETL connectors, and native integrations across HR, finance, operations, data warehouses, and other systems of record.



## About Anaplan

Anaplan is a leading AI-driven scenario planning and analysis platform designed to optimize decision-making in today’s complex business environment so that enterprises can outpace their competition and the market. By building connections and collaboration across organizational silos, our platform intelligently surfaces key insights — so businesses can make the right decisions, right now.

More than 2,600 global brands plan with Anaplan.

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