

## Optimize end-to-end production planning from DS to IMP

The N-SIDE Production App gives you unprecedented flexibility to **optimize manufacturing for your clinical projects**, from drug substance (DS) to drug product (DP) to investigational medicinal product (IMP).

Use the Production App to build and maintain an optimal clinical production plan that accounts for your specific constraints, and respond quickly and efficiently to unexpected changes with what-if scenarios.

### OUTCOMES



**10-40%** waste reduction at manufacturing



**100%** trial demand satisfaction



**2-6 months** reduction in time to market

## Accelerate time to market

By maximizing the efficiency of clinical manufacturing, the Production App helps pharma companies get drugs to market faster.



### ALWAYS-OPTIMAL PLANS

**Don't settle for a feasible plan. Develop an optimal one.** With the Production App, you can design, plan, and adapt your manufacturing strategy for optimal results, while minimizing waste and keeping your budget under control.



### SCENARIO PLANNING

The advanced modeling capabilities of the Production App let you **proactively test and model any changes** to clinical operations so you can adapt quickly to whatever scenarios arise.



### IMPROVED COMMUNICATION

The Production App provides a detailed view of clinical manufacturing for each project in your portfolio, enabling **data-driven decision making and enhanced communication** between teams.



## How it works



### Design

Make better strategic design decisions. The Production App will help you decide on network design and whether or not to outsource, vendor selection, lot sizing, and stability strategy in order to maximize manufacturing efficiency.

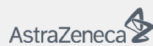
### Plan

When you plan using the Production App, drugs are allocated according to demand, unallocated lots are redistributed, rational and transparent safety buffers are built-in, and waste is reduced — all while protecting against shortages and anticipating unexpected changes.

### Adapt

Using real-time data, the Production App will always adapt your strategy to meet the daily needs of your clinical research. Re-optimize your production plan to adapt to changes like new trials, protocol amendments, updated recruitment speeds, and more.

#### N-SIDE IS TRUSTED BY...



**Galápagos**



**sanofi**

AND MORE

## N-SIDE Professional Services

The N-SIDE Production App is more than a software tool. N-SIDE experts will help your team realize all the benefits of the solution, and can also partner with you to support change management, strategic manufacturing decisions, optimal production plans, and more.

However you need support, N-SIDE experts are with you every step of the way.

**CONTACT US TO LEARN HOW WE CAN HELP**

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