

A background image showing a group of business professionals in a meeting, leaning over a table and reviewing documents. The image is dimmed and serves as a backdrop for the title.

Production Planning

Striking the right balance between your inventory and production capacity has never been easier. The Kinaxis® Production Planning application gives you the power to create feasible production plans that optimize sequencing while minimizing costs to help meet your changing demand. Further align production capacity with inventory while controlling costs, time and impact to customers.

Powerful capabilities drive impressive results

- Automate and streamline all production planning processes to reduce human intervention in routine activities
- Efficiently sequence production to minimize changeover costs using our production wheel
- Reduce downtime and maximize plan feasibility by synchronizing production planning with scheduling
- Improve visibility during the production process and easily update plans to meet changes in global demand more efficiently
- Simulate the impact of various production planning strategies on inventory, capacity and customer service
- Leverage different product segmentation strategies to align product recurrences and further fine tune capacity utilization
- Reduce setup time and cleanup activities by grouping products together and predefining production sequencing

Production planning done differently

So here's the thing. The way we handle production planning within RapidResponse is different – really different. But don't be scared. Since it's way less complicated and time-consuming thanks to the power of concurrent planning, after seeing how easy it is to optimize sequencing and create feasible plans, you'll be wondering how you did it the old-fashioned way.

1 Do a reality check

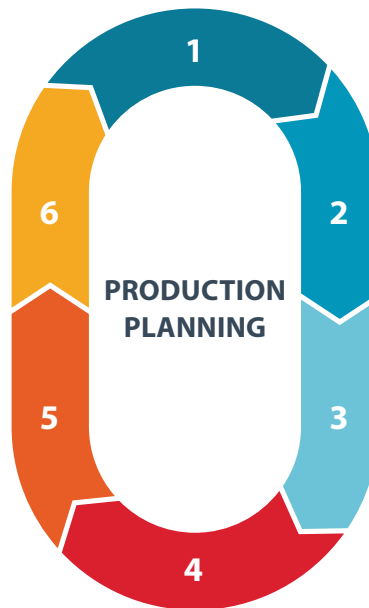
Check production plans to see if life's thrown any curveballs your company's way.

6 Sit back, relax and wait for life's next curveball

Rest easy knowing no matter how fast or frequent things change across your supply chain, you've got the agility to respond quickly and confidently.

5 Put your plan into action

Secure signoff push the chosen scenario live with a single click and head down the path to execution glory.



2 Adjust plans to reflect real life

Make any needed changes to your plans – demand, inventory, capacity, production.

3 Watch the magic of concurrent planning happen

Blink and you'll miss it! Your entire supply chain automatically rebalances in seconds, alerting you to any exceptions that need your attention.

4 Weigh your options

Spin up any number of scenarios in real time to evaluate and compare trade-offs, comparing them all to each other, the current plan and critical KPIs.

With RapidResponse, rebalancing your entire supply chain happens automatically in seconds—any time anyone makes a change. A demand planner drops in a new order? No problem. A critical machine goes down unexpectedly. You've got this. Fast, confident decision-making is at your fingertips.

Cross-functional collaboration

Responsibility-based, context-driven and completely mobile, smart collaboration in RapidResponse automatically shows you who to work with and delivers the details you need to make decisions right at your fingertips. While our Live Lens capabilities let anyone see a real-time view of supply chain health and key business and supply chain metrics.



Production planner

Delivers coordinated short- and long-range production plans throughout the network to ensure product availability to meet demand while achieving corporate financial objectives.



Production scheduler

Manages the detailed resource schedules to synchronize material flow through the factory, maximizing customer satisfaction, optimizing manufacturing efficiency and increasing profit margins.



Inventory planner

Evaluates and maintains the optimal inventory target based on customer service objectives.



Demand planner

Generates a feasible consensus demand plan that represents inputs from various parties (finance, sales, marketing, operations).



Material planner

Coordinates the purchase of material to support the production schedule and expedites materials needed to ensure on-time order completion.



Shop floor personnel

Execute the production schedule and provide feedback on work completions, setups, run rates and downtimes.

Not your grandfather's planning and scheduling platform

Take your integrated business planning and digital supply chain into the future with the only platform capable of powering true concurrent planning. Eliminate silos, banish disconnected processes, and say goodbye to outdated, static data with Kinaxis RapidResponse. With decades of in-depth supply chain expertise, our cloud-based platform and purpose-built planning apps use patented database, visualization and analytics technology you won't get anywhere else.

Use RapidResponse to run one or more of our easily configured supply chain planning applications. Or build your own custom apps and algorithms right in the platform. Get the flexibility you want to create the digital supply chain you need.

What's next on your supply chain journey?

Choose the path that's right for your organization. S&OP/IBP, demand, supply, inventory – start from anywhere and grow the way you want with optional industry-specific packages or enhanced planning add-ons. RapidResponse is easily scalable and delivers the capabilities you need to grow and succeed. We'll help you mature your planning processes wherever you happen to be in your supply chain journey.

RapidResponse: One platform, endless possibilities

Concurrent planning foundations	Optional add-ons	
	Foundation options	Industry packages
S&OP	<i>All S&OP/IBP functionality included in S&OP foundation</i>	<ul style="list-style-type: none"> • Aerospace & defense • Automotive • Consumer products • High-tech and electronics • Industrial • Life sciences
Demand	<ul style="list-style-type: none"> • Advanced statistical forecasting • Order fulfillment 	
Supply	<ul style="list-style-type: none"> • Added algorithms • Production planning • Capacity planning (CRP) 	
Inventory	<ul style="list-style-type: none"> • Inventory optimization • Distribution requirements planning (DRP) 	
Control tower	<ul style="list-style-type: none"> • Supplier collaboration • The Self-Healing Supply Chain™ • Real-time integration layer 	



Revolutionize your planning with Kinaxis RapidResponse

Everyday volatility and uncertainty demand quick action. Kinaxis® delivers the agility to make fast, confident decisions across integrated business planning and the digital supply chain. People can plan better, live better and change the world. Trusted by innovative brands, we combine human intelligence with AI and concurrent planning to help companies plan for any future, monitor risks and opportunities and respond at the pace of change. Powered by an extensible, cloud-based platform, Kinaxis delivers industry-proven applications so everyone can know sooner, act faster and remove waste. Don't believe us? Ask us to prove it. Learn more at [Kinaxis.com](https://www.kinaxis.com).



This publication is accurate as of the date published and may be updated by Kinaxis from time to time at its discretion. Copyright © 2021 Kinaxis Inc. All rights reserved. Kinaxis, the Kinaxis logo and RapidResponse are registered trademarks of Kinaxis Inc and its affiliates. All other brands and product names are trademarks or registered trademarks of their respective holders, and use of them does not imply any affiliation with or endorsement by them. 04.21