KINAXIS®

KNOW SOONER. ACT FASTER.

The Self-Healing Supply Chain

Improve supply chain performance by automatically closing the gap between design and actual results with the Self-Healing Supply Chain™, part of Kinaxis® RapidResponse®.
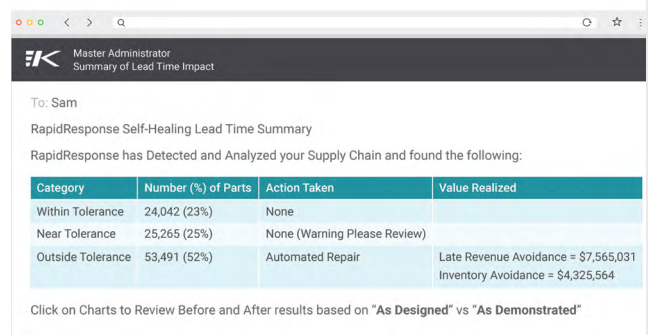
The Self-Healing Supply Chain takes your ability to know sooner and act faster even further by examining supply chain design assumptions, comparing those to actual performance and then closing the gap automatically using machine learning. Spot potential issues sooner. Project future impacts on your business faster. And realize increased profitability with automatic monitoring and adjustments.

Enhance performance

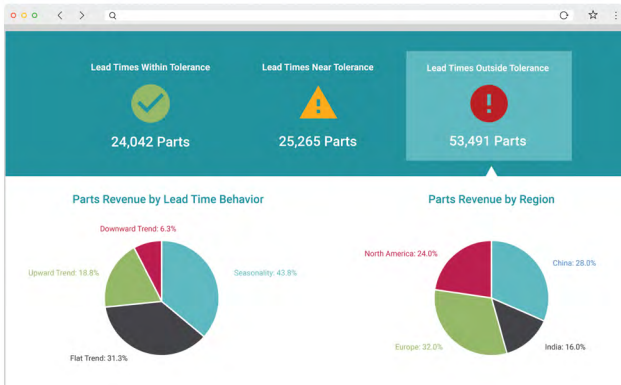Stop performance degradation sooner with automatic correction of inaccurate supply chain design assumptions.

Master Administrator
Summary of Lead Time Impact

To: Sam

RapidResponse Self-Healing Lead Time Summary

RapidResponse has Detected and Analyzed your Supply Chain and found the following:

Category	Number (%) of Parts	Action Taken	Value Realized
Within Tolerance	24,042 (23%)	None	
Near Tolerance	25,265 (25%)	None (Warning Please Review)	
Outside Tolerance	53,491 (52%)	Automated Repair	Late Revenue Avoidance = $7,565,031 Inventory Avoidance = $4,325,564

Click on Charts to Review Before and After results based on "As Designed" vs "As Demonstrated"

Avoid risks

Understand the impact of incorrect design assumptions like lead times on critical business metrics faster.

Inventory Cost

Weeks

○ Original ● Adjusted

Late Revenue

Weeks

○ Original ● Adjusted

Lead Times Within Tolerance
24,042 Parts

Lead Times Near Tolerance
25,265 Parts

Lead Times Outside Tolerance
53,491 Parts

Parts Revenue by Lead Time Behavior

Downward Trend: 6.3%
Upward Trend: 18.8%
Seasonality: 43.8%
Flat Trend: 31.3%

Parts Revenue by Region
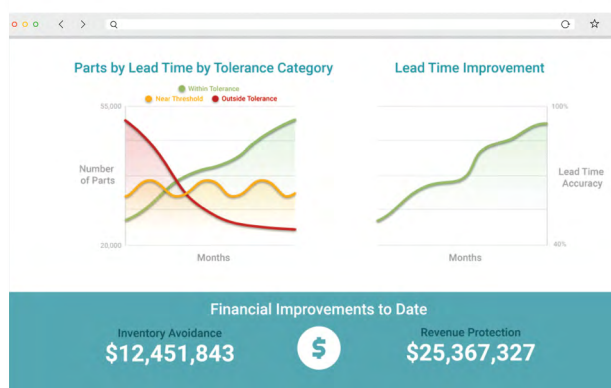
North America: 24.0%
China: 28.0%
Europe: 32.0%
India: 16.0%

Boost productivity

Focus on what matters with alerts on high-impact exceptions between designed and actual supply chain performance.

Parts by Lead Time by Tolerance Category

Within Tolerance
New Threshold Outside Tolerance

Number of Parts
55,000
20,000
Months

Lead Time Improvement

Lead Time Accuracy
100%
40%
Months

Financial Improvements to Date

Inventory Avoidance
$12,451,843

Revenue Protection
$25,367,327

Drive profitability

Increase business growth with automatic, continuous improvements to the accuracy of planning design assumptions.

What can the Self-Healing Supply Chain do?

- Detect inaccurate design assumptions such as lead times using historical data so you know where to focus your attention first

- Alert you when discrepancies are discovered, providing a summary of the findings and recommended actions so you can get moving on next steps

- Analyze and provide a visualization of potential impacts on critical business KPIs so you understand how making corrections can help your success

- Suggest actions for design inconsistencies outside the automatic correction thresholds so you can collaborate with stakeholders and suppliers to quickly address outstanding issues

- Automatically monitor and adjust design inputs based on personalized tolerance thresholds so your supply chain is always in top health, letting you see increasing value over time

How the Self-Healing Supply Chain is different

Built with a practical use case in mind

Advanced algorithms won't benefit you if they aren't performing a function that actually improves your supply chain performance.

Developed with customer input

Academics can only provide so much insight. There's something to be said for hands on testing by peers with similar goals.

Designed to focus on data accuracy first

If the data's wrong, the results will be too. It's as simple as that.

Powered by a trusted planning platform

RapidResponse has been revolutionizing supply chain planning for years. Our unique concurrent planning and versioning capabilities are something you can't get anywhere else.

Ready to start building your own Self-Healing Supply Chain?
Visit www.kinaxis.com to learn how.

Kinaxis World Headquarters
700 Silver Seven Road
Ottawa, Ontario K2V 1C3
Canada
www.kinaxis.com

tel: +1 613.592.5780
toll free: +1 866.236.3249
support: +1 866.463.7877
fax: +1 613.592.0584
email: info@kinaxis.com