

Automate Lead Time Optimization

Elementum helps organizations eliminate unnecessary inventory, avoid stockouts, reduce holding costs, and more.

Predicting shipment lead times with consistency and accuracy is a complex task. As a result, over a third of planned lead times are inaccurate by more than 25%.

While accurately planned lead times can generate a sustained competitive advantage, inaccurate lead times can have major financial consequences, tying up cash and reducing profits. They arise from two common scenarios.

Scenarios:	Lead Times Are Too LONG	Lead Times Are Too SHORT
Result:	Too much inventory is ordered	Too little inventory is ordered
Financial Impacts:	<ul style="list-style-type: none">• Cash is tied up in excess inventory• Costs go up (e.g. handling, storage)• Obsolete inventory goes up	<ul style="list-style-type: none">• Lost revenue from stockouts• Lost market share to competitors• Lower customer satisfaction

Lead Time Optimization is a Multifaceted Challenge



Multiple Stakeholders

Supply chain management involves multiple players (e.g. suppliers or manufacturers) who can experience disruptions or delays that can affect shipment lead time.



Obscured Supply

The dynamic interplay between manufacturing, carriers, and warehousing makes it impossible to get a clear, consistent picture of true supply levels at any given time



Data Overload

The sheer volume of data – hundreds of thousands of shipments across tens of thousands of lanes – makes manual analysis for LTO a daunting, if not impossible, task

Lead time management is a broken process that most companies aren't even aware of, wasting tens-of-millions of dollars in cash annually."

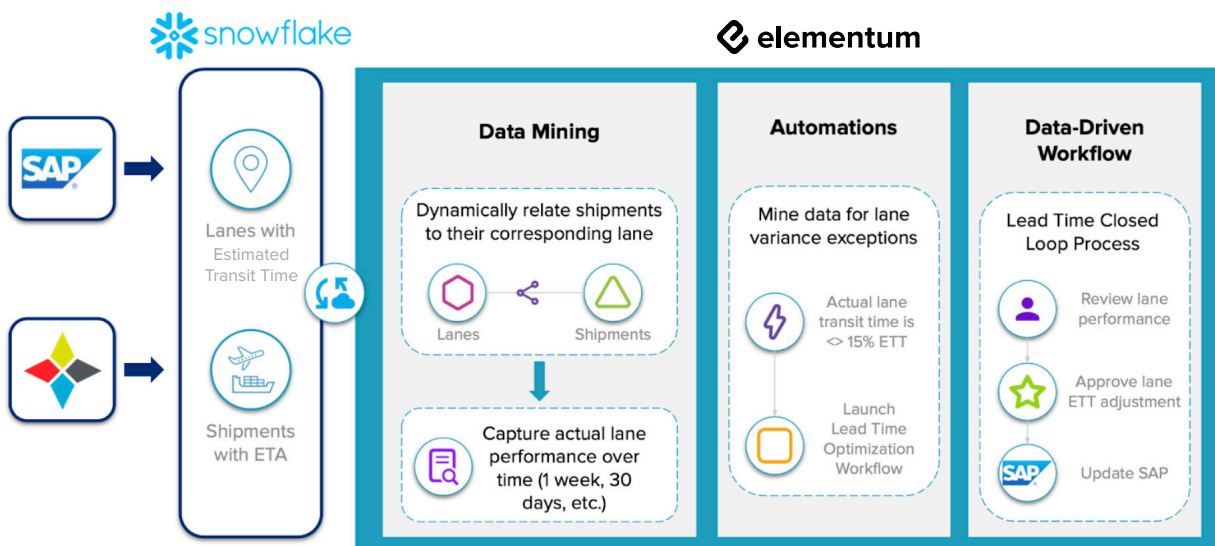
- Katherine Ross, Supply Chain Executive, Life Sciences

Given the increasingly complex and dynamic nature of optimizing in-transit lead times, sticking to the status quo is an expensive oversight – **every day, millions of dollars are lost** because the problem is either ignored or due to reliance on solutions ill-equipped for managing large global supply chains.

Fortunately, a modern, pressure-tested solution exists that can tackle any emerging challenges head-on.

Eliminate Wasted Cash and Lost Revenue with Data Driven Workflows

Elementum's Data Driven Workflows leverage real-time logistics data in your cloud data lake to automate and enhance lead time optimization. Through rule and ML-based mining, the system identifies patterns and anomalies, triggering proactive actions to accommodate emerging business conditions. These workflows autonomously recommend, approve, and update lead times in ERP, TMS, or WMS systems, and adjust purchase orders accordingly, eliminating manual intervention.



The result is a scalable, self-improving system that delivers efficiency and accuracy swiftly across all shipments, without wasting time on manual processes.

Automating lead times with data driven workflows should be a top priority for any supply chain leader looking for clear, significant ROI."

- Katherine Ross, Supply Chain Executive, Life Sciences

Transforming Lead Times: How Elementum Helped a Fortune 20 Organization Save \$20+ Million

The Problem:

Managing \$2B inventory across 5k lanes

- Free up cash by reducing NWC
- Reduce high overhead costs
- Sustain 100 Days of Supply

The Solution:

Elementum's Data-Driven Workflows

- 35% of lanes qualified for reduction
- 3-day avg. inventory reduction / lane

The Results:

More free cash and less opex

- \$21M reduction in inventory
- \$5.3M less annual holding costs

Increase Profits, Free-up Cash, and Eliminate Waste

Elementum is more than just a workflow platform; it is a transformative solution for supply chain management. By automating and optimizing lead time processes, Elementum improves operational efficiencies and significantly impacts the bottom line.

Ready to embrace the power of Data Driven Workflows in your business?

Contact us at info@elementum.com or visit www.elementum.com to schedule a demo today.