

SOLUTION BRIEF

Practical Approaches for Supply Chain Teams to Navigate Tariffs

Empower cross-functional supply chain teams to act faster with automated, adaptable, and agile analytics

Faster, Smarter Supply Chain Responses

Alteryx supply chain customers have achieved the following ROI

- 40% improvement in inventory forecast accuracy using predictive analytics ([SaskTel](#))
- 50% faster visibility into product availability for sourcing and planning ([Armor Express](#))

Navigating tariffs and optimizing supply chains requires constant coordination across planning, sourcing, logistics, and compliance. Fluctuating tariffs, fragmented systems, and unpredictable demand make it difficult to maintain margin, avoid delays, or remain compliant. Spreadsheets and legacy tools can't adapt fast enough to changing trade laws or global disruptions, leaving companies exposed to cost overruns, stockouts, or regulatory penalties.

ERP and supply chain planning (SCP) platforms are built for structure, not speed. When teams need to explore tariff impacts or model sourcing shifts quickly, these systems are too rigid for ad hoc analysis or agile decision-making. Alteryx solves this gap. It empowers teams to prep and connect data across systems, model multiple what-if scenarios in minutes, and collaborate across departments. Whether it's adjusting inventory strategies or scoring suppliers by compliance risk, Alteryx gives every function the visibility and flexibility to respond—fast.

[How Amway optimized its Safety Stock with Alteryx ▶](#)

Common Challenges

Alteryx solves the following common tariff challenges

- ERP and planning tools are too rigid for fast, ad hoc scenario modeling
- Supply, demand, and tariff data live in disconnected systems across departments
- Manual compliance reporting introduces delays and increases regulatory risk
- Limited visibility across functions delays response to sourcing and tariff shocks

4 Myths About Tariffs in Supply Chain

1. Planning tools already handle tariffs and regulatory changes automatically
2. Supplier performance has little influence on tariff-driven disruptions
3. Inventory decisions can be made in isolation from global trade dynamics
4. Trade compliance reporting is standardized and doesn't require customization

5 Practical, Efficient Approaches for Managing Tariff Impacts on Supply Chains

Accelerates Demand Planning With Adaptable Workflows:

Rigid planning tools can't adapt to shifting conditions. Alteryx enables planners to blend historical data, sales orders, lead times, and market inputs into flexible models. Workflows are easily adjusted to test new assumptions or scenarios. Teams can react faster to disruptions, align supply with demand, and plan with greater agility—no code or IT support required.

Unifies Disparate Inventory Data for Faster Insights:

Inventory data lives across ERPs, freight systems, customs platforms, and spreadsheets. Alteryx automates the prep, blending, and standardization of this data, creating a single, up-to-date view. Teams can quickly align on sourcing, inventory, and compliance decisions without chasing down fragmented inputs. This visibility speeds up analysis, supports collaboration, and ensures better decisions across departments.

Enables Automated Supplier Scorecards Across Metrics and Regions:

Alteryx automates supplier scorecards using data on delivery accuracy, costs, lead times, and tariff exposure. Dashboards refresh automatically, highlighting underperformance or emerging risks. Procurement teams gain instant insights to prioritize vendors, shift spend, or mitigate supply risk. Custom logic lets users tailor scoring models to reflect business priorities and regional variations.

Connects Planning, Sourcing, and Logistics Teams With Shared Models:

Alteryx breaks down silos by enabling shared workflows that combine data from planning, logistics, sourcing, and compliance. Teams can model sourcing shifts, routing changes, or tariff impacts—then align quickly on responses. These connected models promote cross-functional agility, helping departments act as one, not in isolation.

Streamlines Tariff Impact and Compliance Reporting:

Manually managing tariffs is error-prone. Alteryx automates classification, rate application, and landed cost estimation by product and region. Compliance teams can generate audit-ready reports and flag issues before they escalate. These workflows reduce reporting delays, improve accuracy, and ensure organizations stay current with evolving trade rules.

What You Will Need

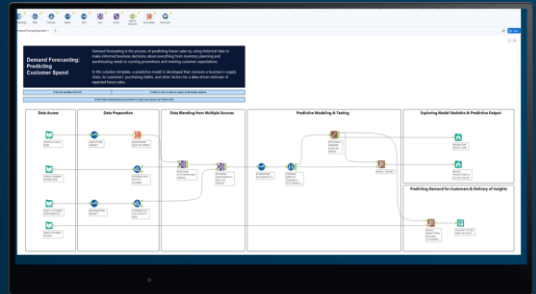
- ERP, logistics, and warehouse data connected, even if stored across separate systems
- Product-level tariff classifications and trade compliance policies for each supplier region
- Supplier performance records including on-time rates, shipment data, and quality issues
- Flexibility to incorporate external economic or trade law data into planning models

What Alteryx Provides

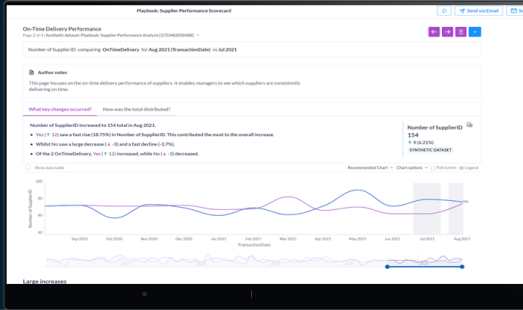
1. Connects internal and external data across planning, sourcing, logistics, and compliance teams
2. Automates tariff mapping, landed cost tracking, and compliance reporting workflows
3. Uses ML and AI infused tools to predict demand shifts and optimize inventory
4. Empowers supplier risk visibility and sourcing decision support
5. Supports dynamic scenario modeling to simulate trade, cost, or sourcing changes

Alteryx for Supply Chain: Navigating Tariffs

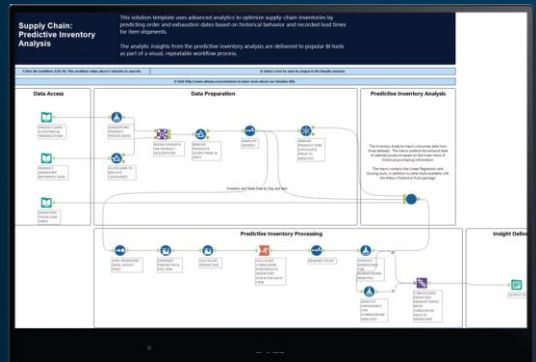
Demand Planning



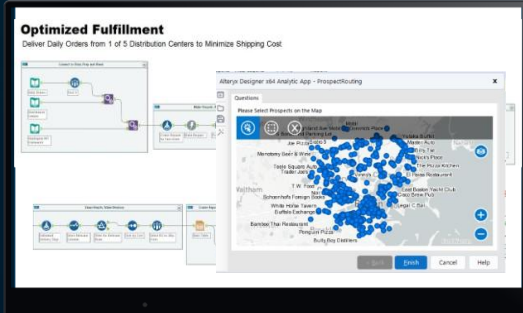
Supplier Scorecards



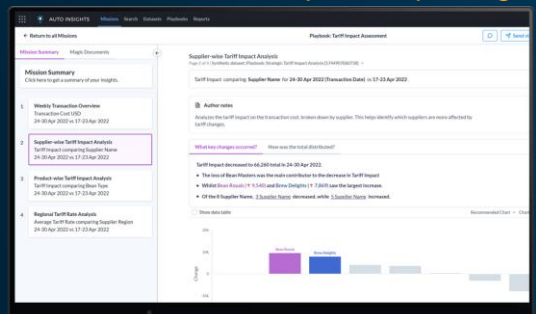
Inventory Management



Logistics



Automated Tariff Impact Reporting



For a complete list of system requirements and supported data sources, visit <https://www.alteryx.com/products/alteryx-platform>

About Alteryx

Alteryx offers an end-to-end, analytics platform which empowers people to break data barriers, deliver insights, and experience the thrill of getting to the answer faster. Business analysts and data scientists alike can discover, share and prep data, perform analysis, and deploy and manage analytic models. Enterprises all over the world rely on Alteryx to deliver actionable insights daily.

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