

Turn Supply Chain Data into Insights with Splunk and Accenture

As organizations move forward on their digital transformation journeys, they often stumble when it comes to supply chain management. Increased globalization, growing disruption, and multiplying channels have transformed linear supply chains into a complex web of relationships that generates mountains of disconnected and disparate data. Flawed attempts to tame this chaos by weaving together systems, platforms, and tools can result in complexity and inefficiency, addressing specific issues but doing little to remedy the collective problem and bridge supply chain functions. How can organizations gain the visibility they need to optimize their supply chain?

Expertise by Accenture, powered by Splunk

Accenture has leveraged Splunk technology to create a supply chain visibility solution that improves the data-to-insights cycle at its foundation. The Accenture Supply Chain Control Tower helps organizations reduce their supply chain TCO, improve customer service levels, and minimize business disruption.

The ability to ingest, munge, and harmonize data from multiple sources is a critical first step to unlocking the value held in business transactions. The same core capabilities that make Splunk the ideal choice for turning IT data into insights also apply to the business transaction data of a supply chain. And just as the concept of observability has extended from security to IT, it has extended again to supply chains.

Addressing the challenges of a modern supply chain

Whether your goals include faster shipping, improved resilience and scalability, better communication with customers, uncovering shipping inefficiencies, discovering new market opportunities, or all of the above, the Accenture Supply Chain Control Tower powered by Splunk offers these benefits:

- Achieve end-to-end visibility across transactional systems
- Rapidly ingest and correlate data from multiple sources, both internal and external
- Monitor infrastructure, including equipment status and performance and cargo conditions such as temperature and humidity
- Receive alerts with outlier event detection
- Predict and respond to issues as they arise
- Utilize plug & play solutions, such as pre-built supply chain assets, as well Splunk's native capabilities, such as Outlier Detection and Machine Learning Toolkit

How it works

The Accenture Supply Chain Control Tower consists of several interoperable components that leverage Splunk's Data Fabric technology. A Data Fabric is a methodology for data integration that bridges data silos by weaving together fragmented data stored across disparate sources to make an organization's data available to users as quickly as possible to help them discover insights and initiate actions. The Data Fabric eliminates the need to centralize data storage—in a data lake, for example—which is a Herculean task that can eclipse the real work of tackling business challenges. Data Fabric focuses instead on connecting data to form observations and insights for the business.

By leveraging the **Splunk Enterprise platform**, the **Accenture Supply Chain Control Tower** provides end-to-end visibility and analytics to manage and optimize your supply chain network. The control tower framework includes robust data ingestion, harmonization, and integrity across various data streams, elevating the analytics while providing intelligent rapid response and automation. Ultimately, this allows an organization to thrive within its operational landscape by driving decisions that complement functions across the supply chain. A few examples of different functional supply chain assets include:

- **Fresh Forecasting and Replenishment**, which enhances and automates inventory tracking, demand forecasting, and replenishment planning processes for fresh foods.
- **Jarvis AI Enabled Supply Planning**, which provides real-time insights, recommendations, and predictions for supply and inventory management using advanced AI and ML.
- **Clearti Order Fulfillment**, which optimizes multi-echelon supply chains by predicting order cycle time based on internal and external data and providing substitution management.

The Accenture Supply Chain Control Tower can address the full breadth of the supply chain functional areas below:

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| <ul style="list-style-type: none"> • Demand forecasting • Storage and distribution • Inbound logistics • Order fulfillment • Supply planning • Inventory management | <ul style="list-style-type: none"> • Production • Network optimization • Replenishment planning • Outbound logistics • Sourcing and procurement |
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Want to learn more about the ways that Accenture customers are modernizing their supply chains with Splunk? Download the Splunk eBook, [Strengthen Your Supply Chain with Data Innovation](#).

Ready for the next step? Ask your Splunk representative to introduce you to the Accenture Supply Chain team.



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