Splunk to the Rescue!!

Supply Chain Control Tower Powered by Splunk
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Agenda

1) Accenture & Splunk – A Match Made in Heaven!

2) A Case for Change

3) Case Study: Supply Chain Control Tower – Powered by Splunk

4) Key Takeaways
Accenture

US$43.2B
In Annual Revenues

509,000
Employees

6,000+ CLIENTS
95 of our top 100 clients have been clients for at least 10 years
91 of the Global Fortune 100
75%+ of the Global Fortune 500

185+
Powerful alliance network of market leaders and innovators

200+
Locations across 51 countries serving clients in 120+ countries

40
Industries Served

50+
Delivery Centers across five continents, offering services in 39 languages

GLOBAL CORPORATE RECOGNITION
• Wall St. Journal’s Management Top 250 – Ranked No. 17
• Forbes’ Global 2000 – 16 years running
• FORTUNE’s Global 500 – 18 years running
• FORTUNE’s World’s Most Admired Companies – Ranked No. 34 overall and No. 1 in IT Services; 17th consecutive appearance on the list
…to mention a few

Accenture Strategy & Consulting
Accenture Interactive
Accenture Technology
Accenture Operations

Health and Public Services
Financial Services
Communications, Media & Technology
Products
Resources

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Unlock the value of data by driving more Splunk adoption and insight.

**UNTRAP NEW INTELLIGENCE**

- Discover new opportunities:
  - Expand Splunk to new clients and data to build intelligent solutions in Business Analytics and IoT.

- Create innovative offerings:
  - Develop disruptive digital initiatives to establish a new market and attract clients for products and services revenue.
Case for Change

Data Integration in Supply Chain Value Chain continues to be a huge hurdle to overcome

According to a survey by Accenture, those creating an intelligent supply chain find data integration to be their greatest challenge.

Executive Feedback

59% Of executives indicate data quality or data availability as the greatest challenge.

86% Of leaders think digital platforms will be used to share assets and create an ecosystem.

48% Of leaders believe inadequate skills are a top three challenge to drive value with new IT in supply chain.

Additional Challenges

Utilizing data efficiently to deliverable actionable insights.

Integrating data in an effective way that can be easily leveraged & scaled.

Finding skilled employees who understand data analytics and can create insights.
Retooling the New Norm in Supply Chain

As next-gen tech is adopted, new intelligence functionalities are required to deliver outcomes from data insights and to manage supply chains effectively.

Tech Strategy

- Data Ingest
- Data Storage
- Advanced Analytics
- Visualization
- User Interface

Integrated Problem-Solving Approach

- Data Lake

Value Drivers

- Lower Cost
- Rapid Value

Underserved Supply Chain Aspects

- Custom Development
  Creating a flexible solution to address supply chain use cases

- Packaged Software
  Enhance a supply chain solution for a specific supply chain use case

- Legacy Systems
  Driving consistent and accurate data integration & maintenance to support supply chain functions
Case In Point: Supply Chain Control Tower

Splunk streamlines architecture across all relevant dimensions to provide TCO, flexibility, scale and speed to value

**Challenges:**
- **Scalability:** Unable to extend to additional use cases
- **Run Cost:** Overages
- **System Uptime / Availability:**

**DEMONSTRATED BENEFITS**
- **Faster (Increased Performance):** Up to 7x
- **Savings in Implementation Cost:** Up to 65%
- **Run Labor Cost Reduction:** Up to 60%
- **License Cost Reduction:** Up to 30%
- **Scale @ Infrastructure Cost:** 50%
As data moves through different parts of decoupled architecture, it adds cost and time. Integrated solution components reduce total cost of ownership and time to value.
The Approach

- Identify & Confront the challenges
- Develop a case for change
- Define clear success criteria & expected outcomes

- SOLIDIFY THE OPPORTUNITY
- ETL TRANSFORMATION
- DATA LAKE TRANSFORMATION
- ANALYTICS ENABLEMENT

- Allows for improved scalability to more use cases, maximizing the technology platform across the organization (performance, fit for purpose platforms, etc.)
- Provide a more streamlined & integrated technology footprint, reducing risk and potential failure points
- Provides IT cost savings over the next 3 years by simplifying the current technology footprint
The Approach

- Replace 5 ETL jobs with multiple stages to support transformation
- Leverage Splunk’s SPL capability to apply all required business transformations
The Approach

• Develop topology to replace data storage capabilities
• Develop a framework that will support scalability & expendability to new use cases
The Approach

- Integrate Splunk data with R for executing Machine learning algorithms to estimate time of arrival of shipments
- Eliminate the separate process of loading output to database

SPLUNK-R INTEGRATION

- SOLIDIFY THE OPPORTUNITY
- ETL TRANSFORMATION
- DATA LAKE TRANSFORMATION
- ANALYTICS ENABLEMENT
Key Takeaways

Splunk Beyond IT and Security

Splunk is a data & analytics platform that servers beyond IT and security use cases. Are you thinking outside the box?

It’s a Journey…

Splunk is built for enterprise scale. However, start small and look to expand to enterprise use cases over time

Liberate your data!

Data provides valuable information that can drive efficiency, productivity and visibility for the business, however it is often imprisoned….break the silos and make your data work for you!
Thank You

Please provide feedback via the SESSION SURVEY