

Splunk to the Rescue!!

Supply Chain Control Tower Powered
by Splunk



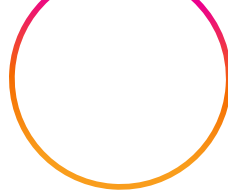
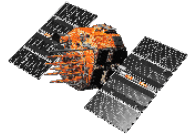
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Agenda

- 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



40

Industries
Served



185+

Powerful alliance
network of market
leaders and innovators



200+

Locations across 51 countries
serving clients in 120+ countries



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

Ecosystem Strategic Partnership

accenture | splunk>

UNTRAP NEW INTELLIGENCE

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



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**

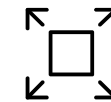
48%

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

Additional Challenges



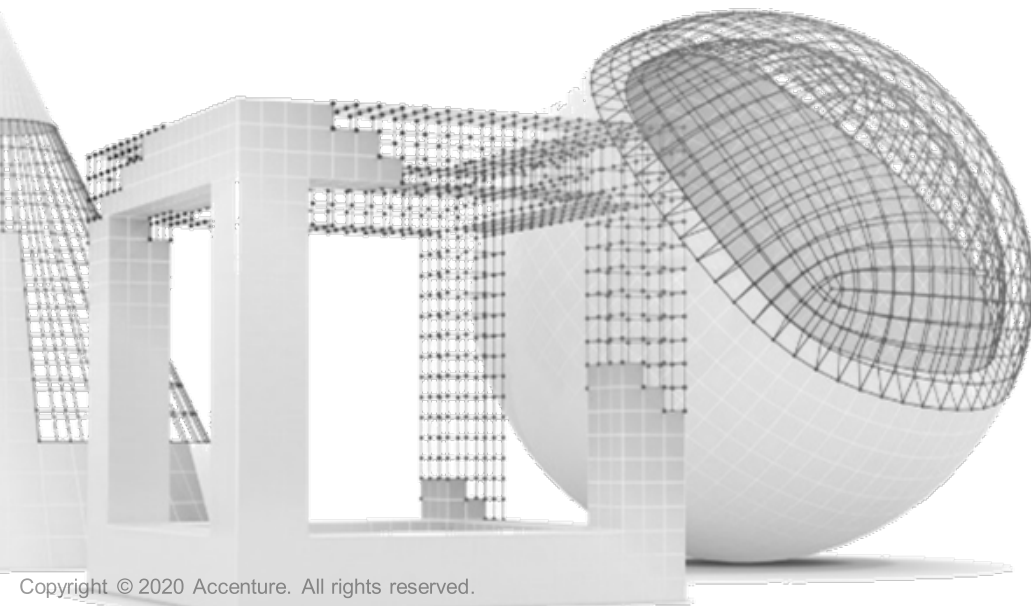
Utilizing data efficiently to deliverable **actionable insights**



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

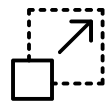
Legacy Systems

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

Up to **7x**

Faster (Increased Performance)

Up to **65%**

Savings in Implementation Cost

Up to **60%**

Run Labor Cost Reduction

Up to **30%**

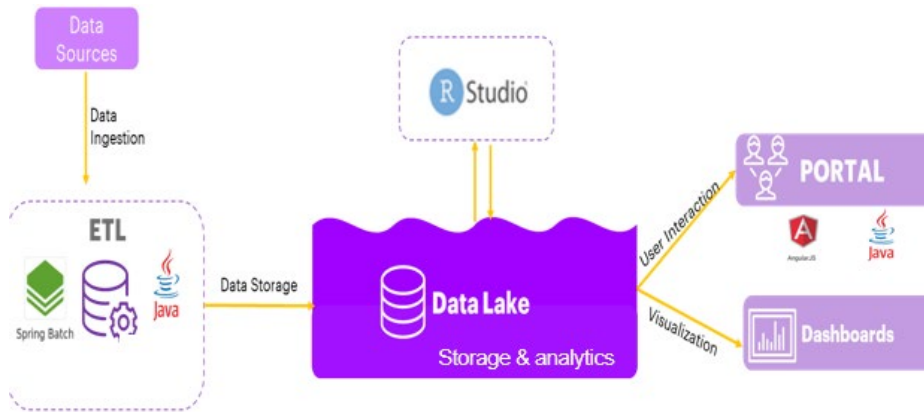
License Cost Reduction

Scale @ **50%**

Of Infrastructure Cost

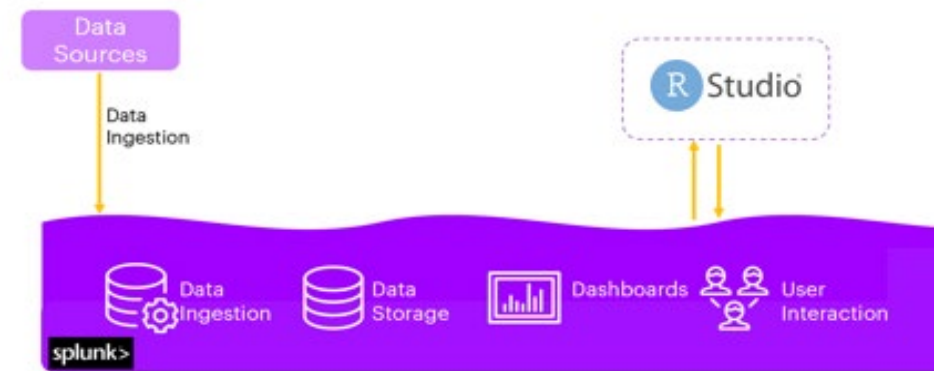
Architecture Transformation

Complex Composite Platform



As data moves through different parts of decoupled architecture, it adds cost and time.

Streamlined Platform



Integrated solution components reduce total cost of ownership and time to value.

The Approach

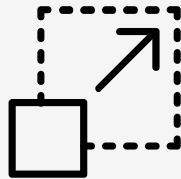
SOLIDIFY THE
OPPORTUNITY

ETL
TRANSFORMATION

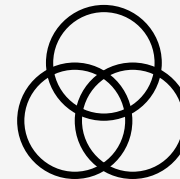
DATA LAKE
TRANSFORMATION

ANALYTICS
ENABLEMENT

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



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

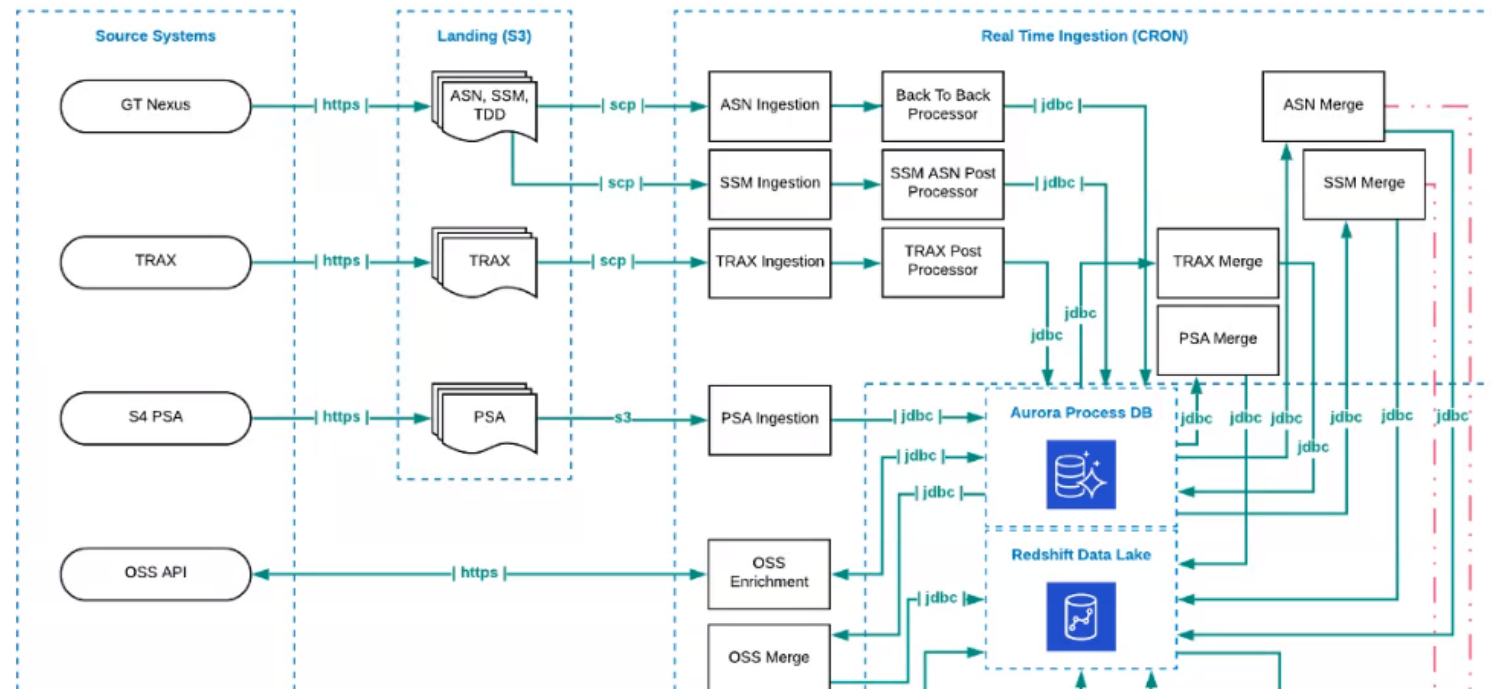
SOLIDIFY THE
OPPORTUNITY

ETL
TRANSFORMATION

DATA LAKE
TRANSFORMATION

ANALYTICS
ENABLEMENT

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



The Approach

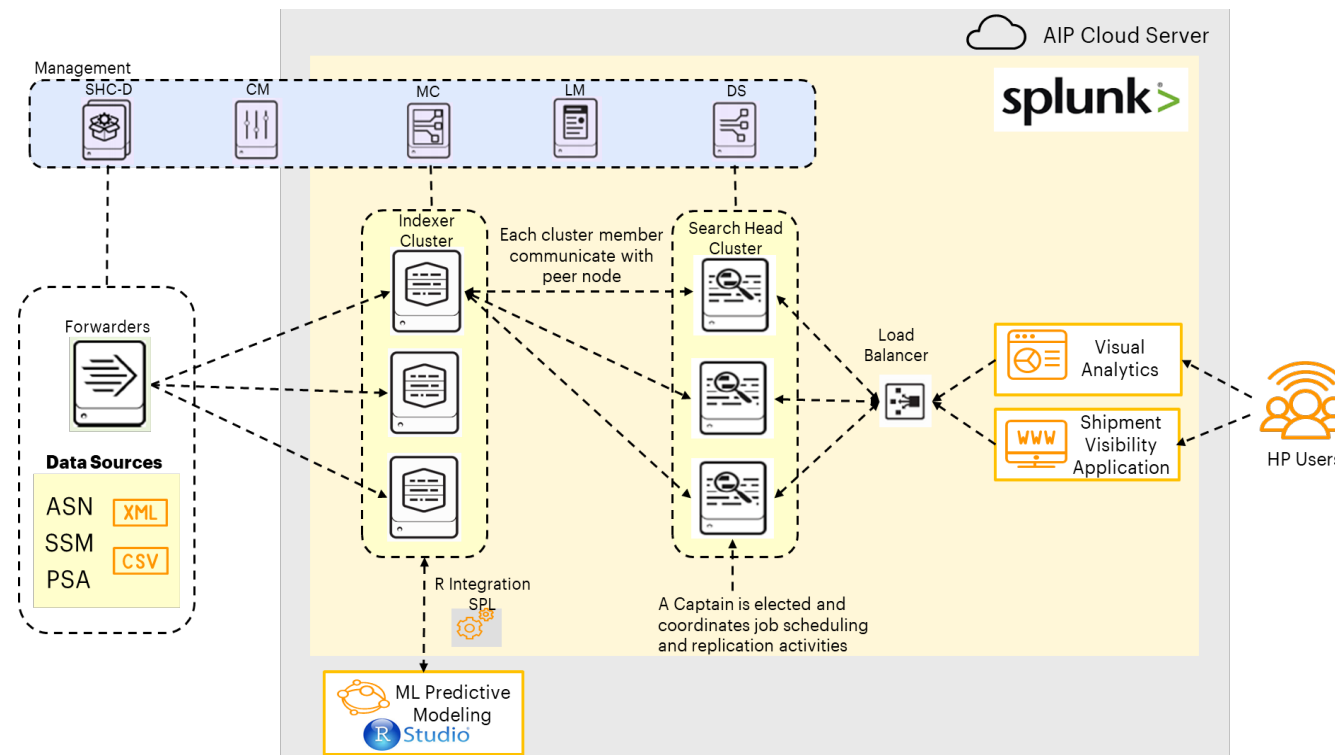
SOLIDIFY THE
OPPORTUNITY

ETL
TRANSFORMATION

DATA LAKE
TRANSFORMATION

ANALYTICS
ENABLEMENT

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



The Approach

SOLIDIFY THE
OPPORTUNITY

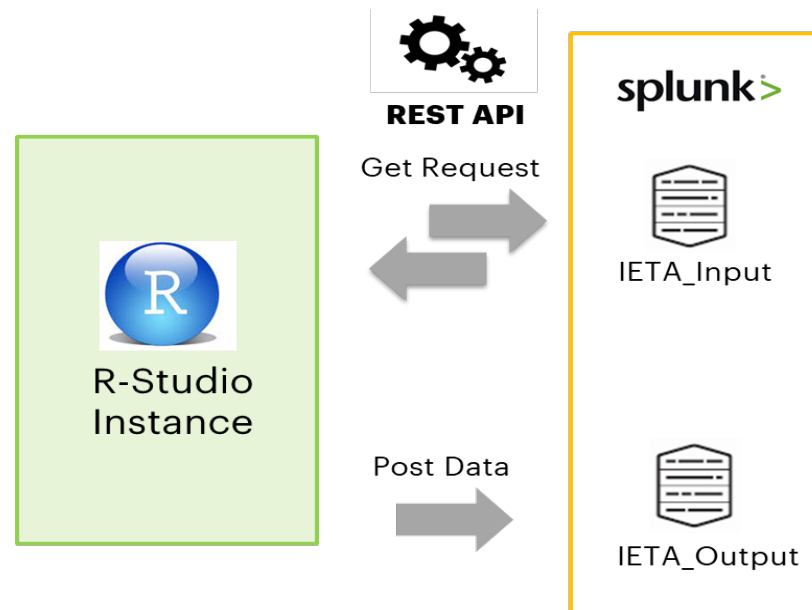
ETL
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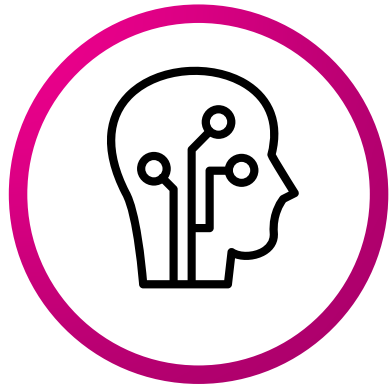
- Integrate Splunk data with R for executing Machine learning algorithms to estimate time of arrival of shipments
- Eliminate the separate process of loading output to database

SPLUNK-R INTEGRATION



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

