CASE STUDY:

The Department of Defense leverages data for operational advantage and increased efficiency at speed and scale

Overview

Data is a critical success factor for the Department of Defense (DOD), and real-time analytics are in high demand due to dynamic geopolitical circumstances and disrupted supply chains. To meet these needs, eliminating data integration friction while maintaining control and insulating data pipelines from unexpected shifts is necessary. StreamSets' data integration platform helps teams bridge the gap between new and legacy environments securely and easily, ensuring resilient and repeatable pipelines for all skill levels.

ADVANA is a DOD analytics platform that has been using StreamSets since 2018, connecting over 800 systems via 5,000 data pipelines for real-time financial and budgeting insights. The DRCED, led by the OUSD CFO's BIO, is a cloud-based project managing data from 800+ sources across DOD resources. It supports various uses such as efficient audit fulfillment and performance dashboard creation. In 2018, the DOD Comptroller audited $2.8T in assets, comprising 70% of the US Government's assets. The Comptroller's office upgraded twice to newer cloud tech with DataOps' extensibility, aiming for cost savings and improving mission outcomes while maintaining and improving operations.

Common Use Cases

Agile Reporting
Leverage core enterprise data to improve consistency, accuracy, and depth of reporting. Easily incorporate files through a wealth of legacy data source connectors.

Advanced Analytics
Integrate enterprise and legacy analytic data stores with cloud data platforms for deeper analytics and better decision-making.

Operational Analytics
Process data "en route" from OLTP sources to cloud data warehouses, providing analytics ready data that teams rely on for day to day operations.

Program Highlights

Demand for Data is Outstripping Supply
Real-time data analytics fueled by accurate and timely data are critical across the DOD.

Data Chaos Impacts the Mission
StreamSets simplifies the process of integrating data and reduces complexity boosting flexibility and enables digital transformation.

Beyond Friction: Fix Cracks in the Pipelines
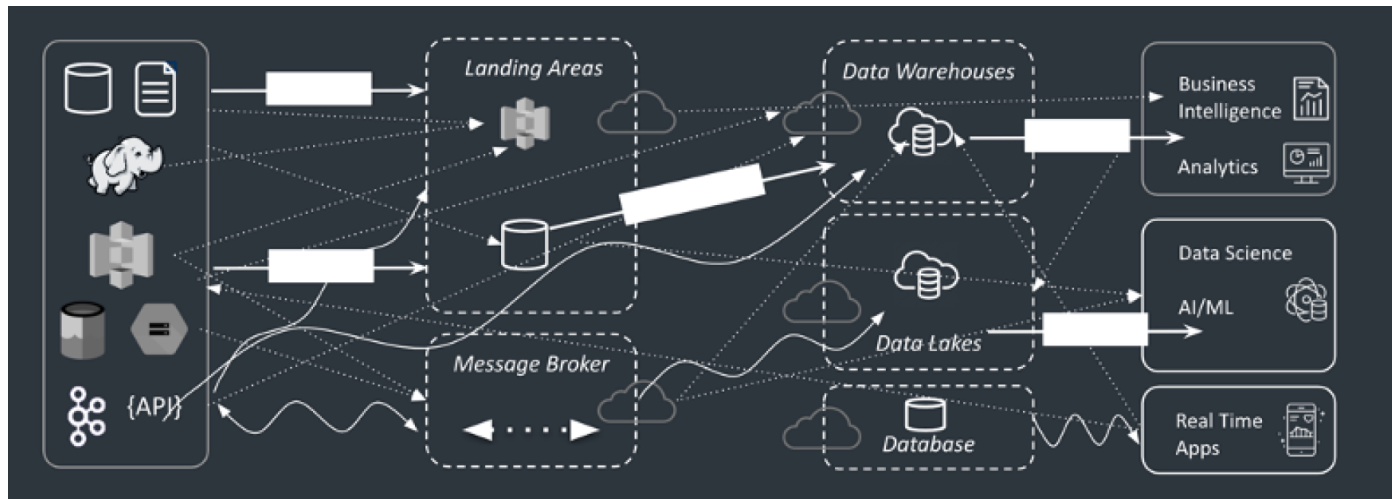StreamSets helps prevent pipeline breakage by increasing resilience to changes in the environment.

Data Across the Enterprise
Drive digital transformation, experimentation and prototyping, and real-time analytics.
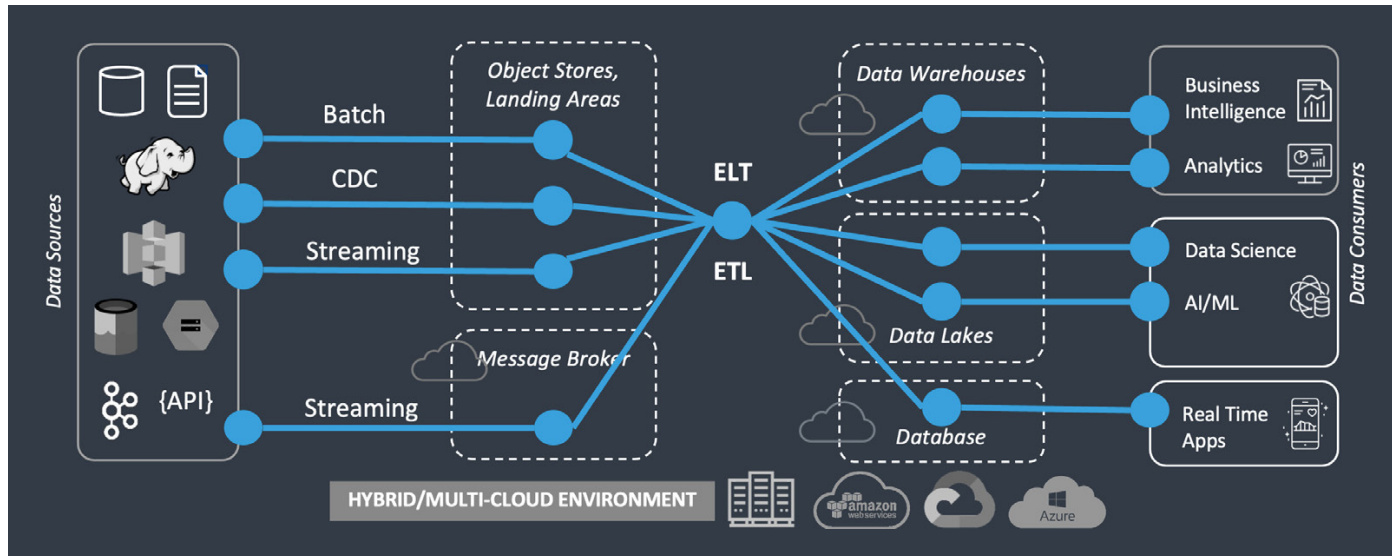
Access to Legacy Technologies
Access to mainframes or on-premises databases.

www.streamsets.com

Before StreamSets

With StreamSets

BENEFITS

Quickly support diverse lines of business by eliminating data integration friction.
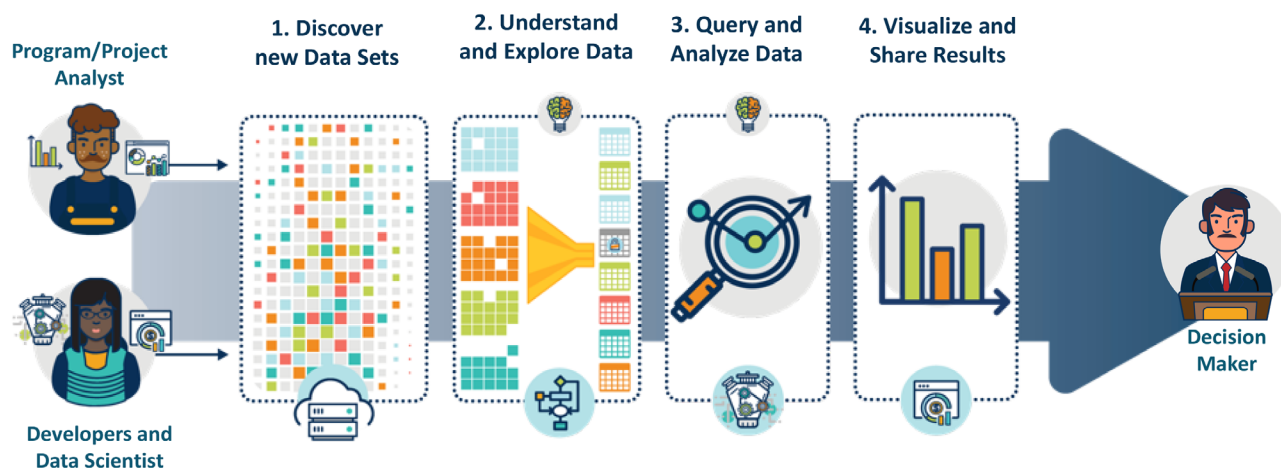
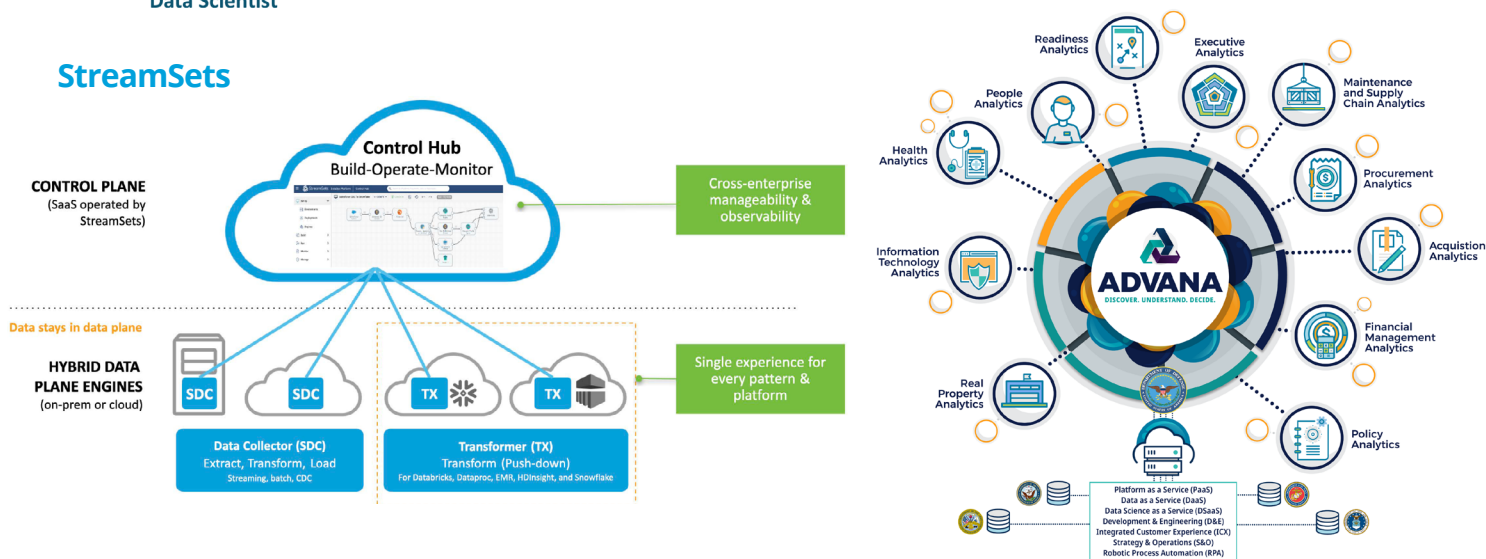**Enable innovation across the enterprise with centralized guardrails.**

Insulate your data pipelines from change and unexpected shifts.

Integrated data experience informs decision makers

Advana provides users with a seamless experience and journey across the platform from discovering the data all the way to getting insights from the data.

About StreamSets

StreamSets, a Software AG company, eliminates data integration friction in complex hybrid and multi-cloud environments to keep pace with need-it-now business data demands. Our platform lets data teams unlock data—without ceding control—to enable a data-driven enterprise. Resilient and repeatable pipelines deliver analytics-ready data that improve real-time decision-making and reduce the costs and risks associated with data flow across an organization. That's why the largest companies in the world trust StreamSets to power millions of data pipelines for modern analytics, smart applications, and hybrid integration.

To learn more, visit www.streamsets.com and follow us on LinkedIn.