Enterprise Logistics Platform (ELP)

In a fast-paced, data-driven world, our customers are bombarded by overwhelming amounts of unprocessed and uncorrelated information. Further compounding this issue is the reliance on a chosen Logistics Information Systems (LIS) and time-consuming and error-prone reporting tools, which hinders the stakeholder's ability to efficiently and securely make program decisions.
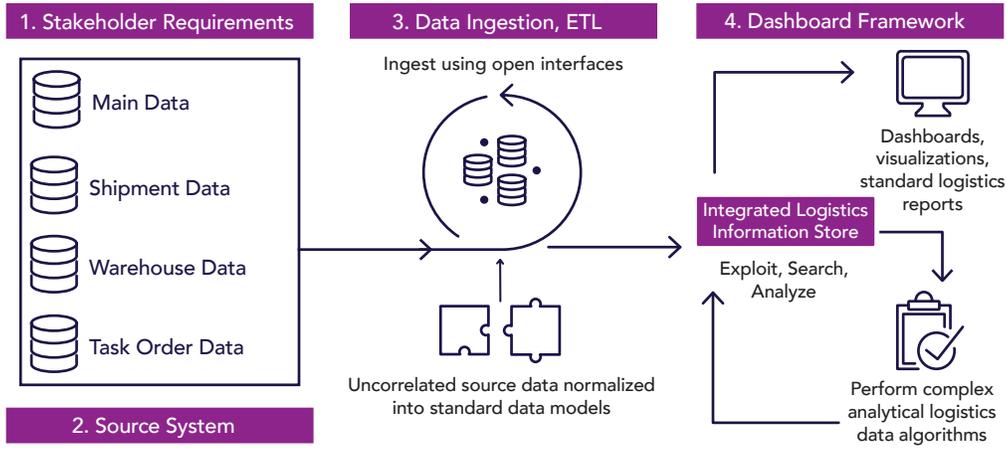
The Leidos Enterprise Logistics Platform (ELP) solves these problems by providing highly-effective and efficient technologies that enable business intelligence and analysis on a near-real-time basis with around-the-clock availability. ELP provides customers with insights into their logistics performance that reside outside the existing standard LIS and enterprise resource planning (ERP) systems.

OUR APPROACH

Leidos ELP is a business intelligence and data visualization and analysis platform that delivers better visibility, insight, and collaboration of a program's logistics enterprise. Leveraging commercial-off-the-shelf (COTS) software solutions, ELP provides an adaptable, secure architecture designed for the collection of data from diverse sources to enable better data analytics and produce integrated dashboards.

The ELP solution empowers users to easily and securely create rich visualizations and dashboards with an intuitive, drag-and-drop interface. Users have the flexibility to view and analyze the data from many different perspectives, and can go beyond this simple environment to create custom, complex calculations. ELP can be hosted by Leidos Cloud and Hosting Services or Amazon Web Services (AWS).

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People, Process, Technology

ELP is a highly effective and efficient toolset to achieve business intelligence and analysis, providing greater insight into program performance

FEATURE	BENEFIT
Data: ingestion, mapping, aggregation, formatting, enriching, and merging	Improves accuracy – data is processed and normalized before visualization creation Saves time – visualizations are automatically established and repeatable
Live database connections	Improves decision-making – data is in motion and displayed in near-real time
Interactive dashboards	Provides additional insight about the operational mission – customers can interact with filters
Alerts	Increases situational awareness – customers can set up e-mail notifications on visualizations when data is changed
Downloadable visualizations	Enhances collaboration – customers can download dashboard visualization to common file types (MS Excel, PDF, images)
24/7/365 access	Allows constant visibility any day, any time

WHY PARTNER WITH LEIDOS?

Many organizations need efficient and secure business intelligence and analysis tools to provide better program performance insight. Leidos' ELP is a robust data integration and visualization platform that can provide ERP-like reporting visibility using disparate data sources. Leidos can pull data from a variety of Government and commercial sources, integrate it, enrich it, and display it in dashboards that convey meaningful and actionable information to our customers. Our scalable, adaptable, easy to implement solution facilitates rapid analysis necessary to drive innovation and deliver cost savings over the total life cycle of a program. This robust, scalable platform can be implemented quickly and cost-effectively.

NEXT STEP

Having immediate and accurate insight into your logistics enterprise is critical to a program's success. Contact our Leidos Enterprise Logistics Platform team to determine if ELP is the right solution for your business challenge.

OUR CAPABILITIES

ELP is designed to work with (not replace) source systems of record. ELP offers ERP-like data visualization without high ERP costs, complexity, time consumption, and risk. It supports stakeholders dealing with high-volume, high-velocity, and high-variety data that need near-real-time situational awareness.

Stakeholder Requirements: Customers and the Leidos team collaborate to determine performance visibility requirements and define what levels and type of stakeholders are target users of ELP. This is an opportunity to identify Contract Data Requirements List (CDRL) metrics or performance indicators that require reporting, and additional data points, visualizations, or reports that are not required but desired.

Source Systems: Customers and the Leidos team identify the data sources to produce the defined visualizations. The customer may have one to multiple "transactional" source systems data. The determination is also made as to which data exchange method (e.g., WebService or sFTP) is selected for each source system.

Data Ingestion and Extract, Transform, and Load (ETL): The Leidos team performs data ingestion and ETL processes. The data from the source systems are cleansed, normalized, and processed in preparation for creating the visualizations.

Dashboard Framework: Processed data is stored within an Integrated Logistics Information Store (Data Store) and is ready for dashboard creation. The Leidos team creates the initial set of required visualizations, metrics, and key performance indicators to meet both CDRL and desired requirements.

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