Cribl

>SOLUTION BRIEF_

Cribl for Manufacturing and Logistics.

The manufacturing and logistics industry needs a solution that can handle the large influx of data into domestic production and land freight while providing the business intelligence and data analytics necessary for future planning.

The challenge.

Given the increased investment in technologies to navigate the age of digital transformation, manufacturing and logistics organizations not only need a way to manage the continuing growth rate of data, but they also require analytics to better understand the implications of that data.

That structure must also include:
- Security throughout the environment.
- Compliance with industry standards and regulations.
- Complete control of the data, as well as encryption and security.
- Support for multiple source protocols.
- Support for both cloud and local instances.
- Support for many destinations while having flexibility to add new ones.
- Centralized management system driven by deep industry and regulatory expertise.

Many organizations are looking to gain valuable insights from shifts in business strategy as the world evolves and they need to plan for the road ahead. These enterprises typically work with data that exists in multiple sources with different source protocols. They often have data coming in a variety of formats, and those formats may not always match the formats required by the tools they are using. Plus, they have to remain compliant and up-to-date with the latest industry standards and regulations. With Cribl, these organizations can support the continued onboarding of new data sources regardless of format, get necessary insights from that data, and remain compliant while effectively serving their customers and partners.

THE CHALLENGE

Data volumes are growing for domestic manufacturing and land freight companies.

THE SOLUTION

The manufacturing and logistics industry needs a solution that can handle the large influx of data while providing the business intelligence and data analytics necessary for future planning.

Cribl Stream™

A vendor-neutral collection, reduction, enrichment, and routing system for IT and security data.

Cribl Edge™

An intelligent, scalable, edge-based data collection system for logs, metrics, and application data.

Cribl Search™

Perform federated "search-in-place" queries on any data, in any form.

Cribl Lake™

A simplified data lake solution to easily store, manage, and access data.

The manufacturing and logistics industry needs a tool that supports customer centricity, advances their digital transformation efforts, and offers top-notch monitoring capabilities.

The solution.

Cribl's next-generation data engine is built specifically for IT and Security data and provides a unified data management solution for exploring, collecting, processing, and accessing IT and Security data at scale. With complete control and flexibility to access, explore, discover, collect, and process data at scale, enterprises can experience the difference between an alright analysis experience to a great analysis experience.

Use cases:

Route data from any source to the most cost-effective destination.

Send data to the most effective destinations, including low-cost storage locations for long-term retention and compliance with standards and regulations. Quickly route data to the best tool for the job – or all the tools for the job – by translating and formatting data into the tooling schemas required.

Use summary data for faster insights.

Extract fields of interest and publish the result to metrics. Once aggregated, see a major reduction in event counts and data volume, freeing up space in your analytics tools. Send the resulting metrics to your analytics tool or route them to a dedicated time series database to get further analytics on your supply chain and better insights into your own data sources.

Reduce data volume to keep costs down.

Easily optimize data by eliminating duplicate fields, null values, and any elements that provide little analytical value. Filter and screen events for dynamic sampling, or aggregate log data into metrics for volume reduction at scale while keeping a full-fidelity copy in low-cost storage, improving system performance and freeing up valuable resources for digital transformation.

Monitor pipelines to inform critical business decisions.

Reduce management overhead, with a robust and easy-to-use GUI-based configuration and testing interface. Capture live data and monitor pipelines, enabling further visibility across all industrial assets, sites, and systems. Plus, easily tap into data insights to correlate events and for deeper analysis and anomaly detection.
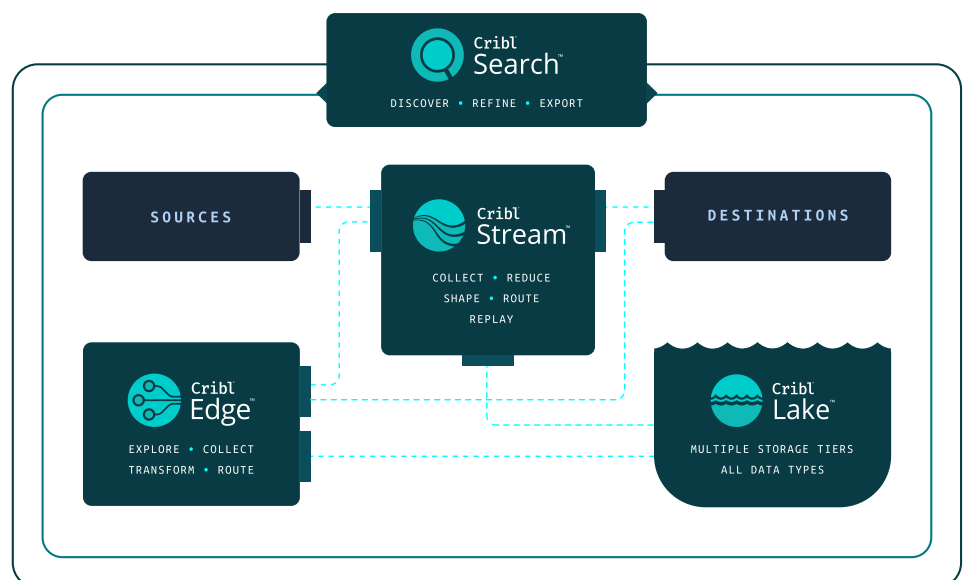
> Cribl gives
> manufacturing and
> logistics organizations
> the power to quickly
> route data to the best
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> job - without breaking
> the bank.

Cribl for Manufacturing and Logistics.

Cribl's suite of products, built on a unified processing engine, can help solve manufacturing and logistic organization's toughest data challenges by analyzing, collecting, processing, and routing data at scale. This helps get the right insights needed in the most cost-effective way possible, but with flexibility and visibility to make informed decisions — including new tools, destinations, sources of data, and business approaches.

Cribl gives manufacturing and logistics organizations the power to make choices that best serve their unique needs no matter how — or how often — those needs may change.

>SOLUTION BRIEF: "CRIBL FOR MANUFACTURING AND LOGISTICS"_