INDUSTRY SOLUTION BRIEF

Cribl LogStream™
for Manufacturing and Logistics

The manufacturing and logistics industry needs an observability 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.

Changes Across the Industry

Given the increased investment in technologies to navigate the new normal, manufacturing and logistics organizations will not only need a way to manage the continuing growth rate of domestic data, but they will also require analytics to better understand the implications of that data as they continue to manage declines in ocean and air freight and plan for other upcoming effects of the pandemic.

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 manufacturing and logistics organizations are looking to Cribl LogStream to gain valuable insights from shifts in business strategy due to the coronavirus outbreak and 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. Manufacturing and logistics providers also have to remain compliant with the latest industry standards and regulations. With Cribl LogStream, 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.

An Observability Solution That Meets the Needs of Manufacturing and Logistics

Cribl LogStream is the best way for manufacturing and logistics companies to implement an observability pipeline, enabling them to parse, restructure, and enrich data in flight – before paying to analyze it. LogStream helps these organizations slash costs, improve performance, and effectively route data in the formats they require.

With Cribl LogStream, the manufacturing and logistics industry can now:

- Reshape, reduce, or route data from any source to any destination
- Stay compliant with the latest standards and regulations
- Get further visibility into data, including valuable business intelligence and analytics
- Control costs along the way
A Closer Look: Cribl LogStream™ for Manufacturing and Logistics

ROUTE DATA FROM ANY SOURCE TO THE MOST COST-EFFECTIVE DESTINATION
With Cribl LogStream, manufacturing and logistics companies can send data to the most effective destinations, including low-cost storage locations for long-term retention and compliance with standards and regulations. Administrators can 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 the media and entertainment industry requires. Different departments in each group can choose different analytics environments without deploying new agents or forwarders.

GET FURTHER INSIGHTS INTO SUPPLY CHAIN DATA BY AGGREGATING LOGS INTO SUMMARY METRICS
Cribl LogStream gives manufacturing and logistics enterprises the power to extract fields of interest and publish the result to metrics. LogStream also enables flexibility and choice in the industry as a whole, giving these organizations the option to send the resulting metrics to their analytics tool or route them to a dedicated time series database for efficient storage and retrieval. Using these methods, manufacturing and logistics companies can get further analytics on digital audiences for their buyers and better insights into their own data sources as part of their digital transformation efforts.

REDUCE DATA VOLUME TO KEEP COSTS DOWN IN A PERIOD OF UNCERTAINTY
LogStream can help reduce as much as 50% of ingested log volume, improving system performance and slashing licensing costs. Administrators can easily eliminate duplicate fields, null values, and any elements that provide little analytical value. In the same interface, they can filter and screen events for dynamic sampling, or aggregate log data into metrics for volume reduction at scale – all while keeping a full-fidelity copy in low-cost storage to replay if needed.

_MONITOR OBEYSALEABILITY PIPELINES IN REAL TIME TO INFORM CRITICAL BUSINESS DECISIONS
LogStream also gives manufacturing and logistics organizations the ability to reduce management overhead, with a robust and easy-to-use GUI-based configuration and testing interface. With LogStream, any company in the manufacturing and logistics industry can capture live data and monitor their observability pipelines in real time, enabling further visibility to inform critical business decisions during the pandemic and beyond.
Get Started with Cribl LogStream Today

The manufacturing and logistics industry is facing massive disruption due to a number of factors, including:

- *Major declines in ocean and air freight volumes due to lockdowns and border closures*
- *Immense growth in domestic manufacturing and land freight data*
- *Uncertainty around the full effects of the pandemic on the supply chain and the industry as a whole*

Manufacturing and logistics enterprises must consider these changes when selecting an observability solution. Cribl Logstream is an observability solution that meets the needs of the manufacturing and logistics industry, enabling them to route, reduce, or reshape data so that they remain compliant and get the insights they need in the most cost-effective way possible.

LogStream gives manufacturing and logistics companies the power to make choices that best serve their unique needs no matter how – or how often – those needs may change, and they can do all of that without breaking the bank.

As these organizations’ goals continue to evolve, they will have the freedom to make new choices – including new tools, destinations, sources of data, and business approaches.

*Cribl LogStream™ helps groups in manufacturing and logistics get the data they want, in the formats they need, to wherever they want it to go.*

ABOUT CRIBL

Cribl is a company built to solve customer data challenges and enable customer choice. Our solutions deliver innovative and customizable controls to route security and observability data where it has the most value. We call this an observability pipeline, and it helps slash costs, improve performance, and get the right data, to the right destinations, in the right formats, at the right time. Join the dozens of early adopters, including market leaders such as TransUnion and Autodesk, to take control and shape your data. Founded in 2017, Cribl is headquartered in San Francisco, CA. For more information, visit [www.cribl.io](http://www.cribl.io) or our [LinkedIn](https), [Twitter](https://twitter.com), or [Slack](https://slack.com) community.