

>SOLUTION BRIEF_

Optimize Observability Operations with Grafana and Cribl Stream

THE CHALLENGE

Enterprises seek to effectively integrate, visualize, and extract insights from diverse data sources while staying flexible, cost-efficient, and adaptable to evolving business needs and data volumes.

THE SOLUTION

By using both Cribl Stream and Grafana solutions, teams can easily centralize and democratize data, removing data silos, preventing vendor limitations, and optimizing observability operations.

THE BENEFITS

- Route Loki Logs and Grafana Metrics to any destination.
- Get data from any source into Grafana Cloud or supported on-prem backends like Influx, Graphite, and Loki.
- Simplify Grafana selfservice label management in Cribl Stream with Stream Projects.
- Mask sensitive data in flight in one place.
- Achieve faster time to value by using existing agents to get data to Grafana.
- Easily migrate data from older versions of Grafana products.

Together, Cribl Stream and Grafana solutions provide a way for companies to centralize and democratize their data wherever it lives, preventing data silos and avoiding vendor lock-in.

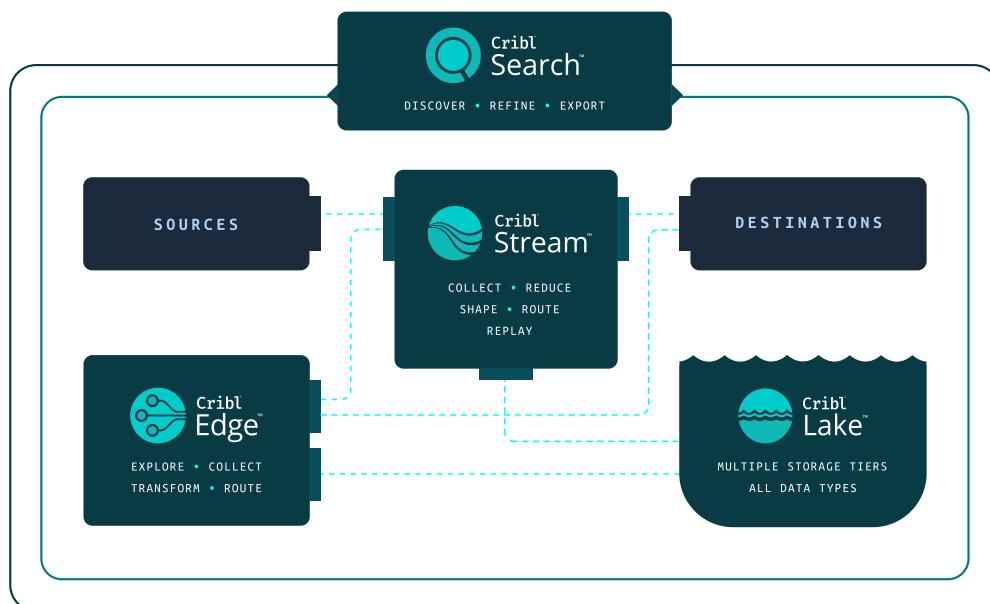
The Power of Grafana and Cribl

Grafana has become a go-to choice for organizations seeking to query, visualize, alert on, and gain insights from logs, metrics, and traces – no matter where they're stored. It offers a powerful platform for correlating observability data. With Grafana's solutions, you can effortlessly unify visualizations and alerts in a single user interface.

Similarly, organizations are turning to Cribl Stream for comparable reasons. They need an adaptable observability pipeline to get data into multiple tools from multiple sources, without adding new infrastructure or agents. These companies seek a cost-effective data retention strategy that doesn't tie their teams to a specific vendor. Additionally, these organizations need an observability solution that allows flexibility for new business decisions and experimentation with use cases, regardless of data volume, current products, or potential future tools.

Together, Cribl Stream and Grafana solutions provide teams with the means to centralize and democratize data, eliminating data silos and avoiding vendor lock-in.

Cribl stream can help
You get on-prem,
Hybrid, or cloud data
From any source into
Grafana cloud or On-
prem backends like
Influx, graphite,
and Loki.



The Benefits of using Grafana with Cribl Stream

Route Loki logs and grafana metrics to any destination.

Stream enables you to easily send data from any Grafana source to the most effective destinations, or leverage low-cost object storage for long-term retention. You can route data to the best tool for the job – or all the tools for the job – by translating and formatting data into any tooling schema they require. Different departments can choose different analytics environments without having to deploy new agents or forwarders, unlocking efficiencies in complexity and costs.

Get data from any source into Grafana cloud or supported On-prem backends like Influx, graphite, and Loki.

Whether your observability data is on premises, in the cloud, or exists in a mix of the two, Cribl Stream can help you get your logs, metrics, and traces from any source into Grafana Cloud or on-prem backends like Influx, Graphite, and Loki. This seamless integration ensures that your data is easily accessible and actionable, regardless of its origin or where you choose to analyze and visualize it.

Leverage Stream Projects to simplify Grafana self-service label management.

Labels are part of Grafana's secret sauce. Labels are metadata used to describe streams and are essential to a well-functioning Grafana environment. However, managing these labels can be challenging. When adding new labels, the process starts at the agent level, requiring reconfiguration across all agents – a cumbersome and error-prone task. Cribl Stream solves this problem and introduces Stream Projects, enabling teams to self-service their label management.

Stream simplifies Grafana label management and introduces Stream Projects, enabling teams to self-service their label management.

By sitting between the agents and your Loki environment, Cribl Stream offers you a single place to manage labels. Labels can be easily added to events as they flow through Stream, eliminating the need to touch each agent and accelerating the deployment of new labels. If you need to modify existing labels on the fly, Stream offers that capability as well.

Stream Projects further enhance control. Administrators gain fine-grained control over the sources, pipelines, and destinations specific teams can access. This facilitates self-managed label control within teams without exposing them to other projects.

Mask sensitive data in-flight in one place.

Logs can be unpredictable. One day they're clear of personally identifiable information (PII) and passwords, and the next they're a compliance violation waiting to happen. Cribl Stream empowers you to proactively mask sensitive data such as credit card numbers, passwords, and other PII before it lands in long-term storage.

Achieve faster time to value by using existing agents to get data to Grafana.

By using Cribl Stream as your strategic control tier for observability data, you can effortlessly route data from your existing agents, like OpenTelemetry, Splunk Universal Forwarder, and Telegraf directly to Loki and Mimir. This negates the necessity of deploying the Grafana Cloud Agent, greatly accelerating your return on investment. This approach also minimizes the need for further skills investment, as you can leverage your existing expertise with your current set of agents.

Easily migrate data from older versions of Grafana products.

Because Cribl Stream is a universal receiver and router, Grafana customers can smoothly and securely migrate workloads to the latest version of Grafana products – without worrying about dropping or losing data. Use Cribl Stream to send data to both destinations, then cut over when you're satisfied.

Summary

Looking for enhanced insight into their logs, metrics, and traces, numerous companies have adopted Grafana. Now, these very enterprises require an observability tool solution that aligns: one that's flexible, cost-effective, and reliable. Cribl Stream serves as an observability pipeline delivering the simplicity, flexibility, and control needed for seamless tool integration, cost-effective deployment, and optimal performance even with large data volumes – making it the perfect complement to Grafana.

With Cribl Stream, Grafana customers can:

- Route Loki Logs and Grafana Metrics to any destination
- Get data from any source into Grafana Cloud or supported on-prem backends like Influx, Graphite, and Loki
- Simplify Grafana self-service label management in Cribl Stream with Stream Projects
- Mask sensitive data in-flight in one place
- Achieve faster time to value by using existing agents to get data to Grafana
- Easily migrate data from older versions of Grafana products

Together, Cribl Stream and Grafana solutions provide a way for companies to centralize and democratize their data wherever it lives, preventing data silos and avoiding vendor lock-in.

To get started with Grafana solutions and Cribl Stream today, [click here to sign up for Cribl.Cloud](#). We also support on-premises Grafana destinations. [The Cribl Slack Community](#) is also a great place to connect with leaders from other teams leveraging both Grafana and Cribl.

ABOUT CRIBL

Cribl, the Data Engine for IT and Security, empowers organizations to transform their data strategy. Customers use Cribl's vendor-agnostic solutions to analyze, collect, process, and route all IT and security data from any source or in any destination, delivering the choice, control, and flexibility required to adapt to their ever-changing needs. Cribl's product suite, which is used by Fortune 1000 companies globally, is purpose-built for IT and Security, including [Cribl Stream](#), the industry's leading observability pipeline, [Cribl Edge](#), an intelligent vendor-neutral agent, [Cribl Search](#), the industry's first search-in-place solution, and [Cribl Lake](#), a turnkey data lake. Founded in 2018, Cribl is a remote-first workforce with an office in San Francisco, CA.

Learn more: www.cribl.io | Try now: [Cribl sandboxes](#) | Join us: [Slack community](#) | Follow us: [LinkedIn](#) and [Twitter](#)

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SB-0004-EN-2-0624