▷ Cribl

Cribl and AWS for Financial Services

Keep your data secure and compliant while enhancing analytics cost-effectively.

DATA MANAGEMENT NEEDS FOR FINANCIAL SERVICES

- Demand for fast, convenient, and secure digital services has fast-tracked data and cloud initiatives for financial institutions.
- Protecting sensitive financial data in a highly regulated ecosystem is top priority.
- A data engine can get banking and financial data where it needs to be in a fast, reliable, and cost-effective way.

The challenge.

Financial services have increasingly become more digital, delivering more convenient experiences. But more digital channels mean more data. Trades, transactions, and payments happen every second, generating an overwhelming amount of data that's difficult to grasp and make sense of. Layer on top of that threat monitoring and response to security breaches. One bad breach can put an institution's reputation at risk, bring about lengthy legal proceedings, and destroy customer trust.

As financial institutions transform and digitalize operations, they need a solution that works with existing tooling, provides valuable insights, and keeps sensitive data safe and secure. With a thriving data management strategy, banks, brokerages, insurers, and fintech companies can better collect and analyze data on transaction patterns, and understand the performance of financial systems, services, and applications.

The solution.

Purpose-built for IT and Security data, Cribl helps AWS customers solve financial service's toughest data challenges by providing a unified data management solution for exploring, collecting, processing, and accessing data at scale. Meet strict retention and regulatory requirements while keeping your data secure with encryption and masking in flight. With complete control and flexibility, enterprises can transform and enhance their analytics experience so they can solve their most pressing business problems.

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.
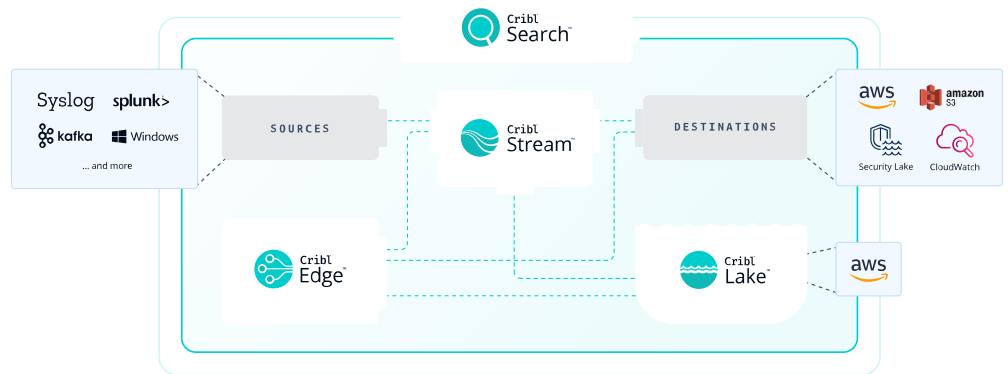
Use cases

Meet compliance requirements with flexible routing

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. Then, send a full-fidelity copy to the most cost-effective destination(s) for long-term storage to meet regulatory requirements.

Search and analyze data in place

Search compliance log copies such as CloudTrail, VPC flow logs, and CloudWatchin low-cost storage directly from the Cribl Search interface. Only extract the data you need to send to other tools for analysis for later investigations with ad hoc data collection in any tooling schema required.

Optimize and summarize for faster insights

Use Cribl's built-in functions such as aggregation to 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 business operations and generate better insights from your data sources.

Protect sensitive information

Encrypt, mask, and obfuscate sensitive data and ensure that only authorized users can access the data with role-based access control (RBAC). Retain trust and stay compliant with the control to quickly respond to threats — minimizing downtime and impact.

Collect data from different environments, easily and at scale

Centralize data collection from tools no matter where the data resides. Whether on-prem or in the cloud, eliminate disparity to increase efficiency. Plus, by deploying Cribl products within an AWS environment, teams can scale their data processing capabilities based on demand and needs of the organization.

Cribl and AWS for Financial Services

Cribl and AWS together can help solve financial services' toughest data challenges with routing, shaping, enriching, and search functionalities that make data more manageable. Teams can easily clean up their data, get it where it needs to be, work more efficiently, and ultimately gain the control and confidence they need to set their institution up for success.

Capabilities.

- Transfer terabytes of financial data every hour from multiple sources to multiple destinations.
- Redact, encrypt, and mask personal identifiable information (PII) in flight.
- Enrich data with context — such as geoIP info — for downstream analysis.
- Fast deployment in minutes with an easy-to-use interface to configure routes.
- Provide out-of-the-box packs for parsing and data manipulation use cases. Reduce licensing costs with routing logic applied before ingestion.
- Store data from various sources such as transaction records, customer interactions, market data, and more, in a single, scalable repository.

Benefits.

- Move sensitive data quickly, seamlessly, and securely.
- Protect against cyberattacks and security breaches.
- Improve performance and uptime of online banking services, ATMs, point-of-service terminals, and apps.
- Get ahead of threats to enterprise networks and the financial ecosystem.
- Enjoy faster interactions and collaboration between banks, insurance companies, brokerage firms, credit unions, loan associations, and mortgage companies.
- Comply with compliance and financial regulatory standard requirements.