

>CASE STUDY\_

# Vodafone dials up business insights with Cribl Stream

## HIGHLIGHTS

Using Cribl Stream, Vodafone has expanded and accelerated the capabilities of their data operations team.

New data from sources such as Amazon S3, Kinesis Data Firehose, Cloudwatch, and Kafka data amongst others are onboarded more quickly, more easily, and with greater control with Stream

The team at Vodafone have greater visibility into their data infrastructure and can confidently make the best choices for the business with Cribl Stream and Edge.

Vodafone is a mobile telecommunications company offering voice, messaging, and data services. The Vodafone Intelligent Solutions (Tech\_VOIS) Autonomics and Analytics Domain team generates insights that support powerful business decisions.

As you might imagine, working with data at Vodafone is a big deal. The data engineering team at Vodafone Intelligent Solutions (Tech\_VOIS) maintains an Analytics and Autonomics Center of Excellence (COE) which is responsible for all the operational data flowing at Vodafone: application, infrastructure, and services. Engineering Lead Mina Yacoub and his team at the Tech\_VOIS COE leverage Cribl Stream to support this work end-to-end, from ingestion through preparation, scrubbing, and delivery of the data as a service to their internal customers.

### Give your customers their data, their way.

Before data arrives into the operational analytics platform, the VOIS data engineering team uses Stream to prune unneeded duplicates as well as clone designated sources to route to low-cost storage for longer-term safekeeping, or restructure for a different team's use case.

**"We use Stream to apply multiple use cases related to routing, deduplication, parsing, and restructuring the data that is coming in. My customers are looking to have their data in a specific structure for their dashboard; to add useful context and remove useless data."**

—Amr Magdy, Senior Data Engineer

With Stream in their toolbox, the Tech\_VOIS data engineering team are able to deliver a higher level of service and greater value to their internal customers worldwide.

**“Based on our extensive experience with Cribl Stream and early experience with Cribl Edge, we are seriously investigating the potential for Cribl to enable our vision for a democratized, enterprise-wide data management platform.”**

**Luke Bradley, Chief Architect,  
Tech\_VOIS Engineering and  
Transformation**

**“Stream has really expanded the capabilities of the team, across troubleshooting, operations, incident response, and SLA.”**

—Amr Magdy, Senior Data Engineer

### **Onboard it all, fast.**

With pre-created design patterns and rulesets available to their customers, the data onboarding headaches of the past are gone.

**“I can provide a full data platform to customers, give them free rein, but I still have control; I can provide best practices as plug and play.”**

—Mina Yacoub, Autonomics and Analytics Engineering Lead

Yacoub’s team has simplified and accelerated the onboarding process for new data sources at Vodafone without compromising data quality or losing control over cost, thanks to built-in integrations with Cribl and AWS.

**“Cribl gave us additional license headroom to onboard more data and helped us optimize it. We’re ingesting data coming from S3, AWS Kinesis Data Firehose, Cloudwatch, RDS, Kafka, SQS, so it is now our preferred and main method for data integration.”**

—Mina Yacoub, Autonomics and Analytics Engineering Lead

### **Achieve visibility and control of your IT and Security Data.**

Moving fast isn’t a good idea unless you can see where you’re going. With Stream, the Tech\_VOIS data engineering team has full visibility into what’s happening in any part of their data infrastructure and can use that information to make the best choices for the business.

**“This solution gives you visibility right away, instead of having to do something complicated. It’s easy to have it up and running. It’s the only solution that lets you implement observability quickly and easily.”**

—Mina Yacoub, Autonomics and Analytics Engineering Lead

If there's an issue, the Stream UI offers fast and thorough troubleshooting tools, allowing them to check across routes, sources, and pipelines in a matter of seconds.

**“I can now intercept every single event to see exactly what the structure looks like, extract whatever I need, check every single piece of that event and pass it, encrypt it easily. It’s powerful. Stream makes everything easy; whatever we need to do, we can do.”**

**—Mohamed Khalil, Technical Data Architect**

As Vodafone looks to the future, Cribl is becoming a core part of the organization’s observability journey to transform the business, delivering rapid data onboarding and greater agility to all aspects of the enterprise.

Find out how your business can implement an observability pipeline to route, restructure, and enrich data in flight while cutting costs and simplifying operations. Get Stream, and take control of your data.

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

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