

INDUSTRY SOLUTION BRIEF

Cribl LogStream™
for the Public Sector





INDUSTRY CHALLENGES

1. Data volumes continue to grow year over year, putting a strain on the industry's financial resources.
2. The public sector requires deeper business intelligence and data analytics to effectively navigate a turn.
3. The public sector is making a shift to remote work and cloud solutions, which decentralizes their data and introduces additional information security and cybersecurity concerns.



THE SOLUTION

The public sector needs a cost-effective observability solution that provides the business intelligence and data analytics necessary to navigate a turn, prioritizes both information and cybersecurity, and supports their digital transformation efforts, including a shift to remote work and cloud solutions.

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Changes Across the Industry

It can be extremely difficult to bring about change in the public sector, but the COVID-19 pandemic forced the industry to shift as a whole – and shift quickly. These new challenges include, but are not limited to, the need to rebalance funding and resources to manage supply risk and update legacy processes, and a shift to cloud services and solutions to support remote work and e-learning. With this transition to the cloud comes increased concern for both information security and cybersecurity among leaders in the public sector, especially as the pandemic has led to a wave of new methods designed to defraud and attack. Concurrently, data volumes are growing year over year in nearly every industry, and the public sector is no exception.

The public sector not only needs a way to manage increasing data volumes in a cost-effective way, but they'll also require better analytics and business intelligence to navigate a turn like the COVID-19 pandemic. At the same time, it is important they continue prioritizing both information and cybersecurity as they move to the cloud.

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*

LOGSTREAM HELPS ORGANIZATIONS SLASH COSTS, IMPROVE PERFORMANCE, AND EFFECTIVELY ROUTE DATA IN THE FORMATS THEY REQUIRE.

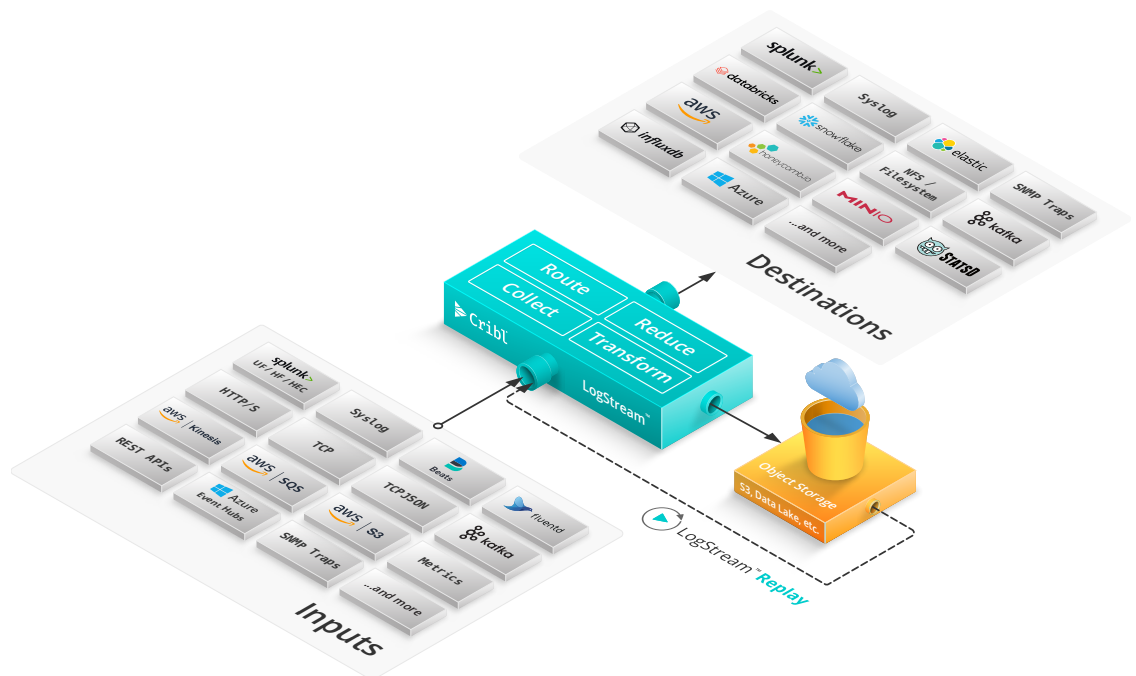
Many groups in the public sector are looking to Cribl LogStream to gain valuable insights from shifts due to the coronavirus outbreak and inform the next iterations of remote work and e-learning. These enterprises typically work with data that exists in multiple sources with different source protocols. 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. The public sector also has a unique responsibility to protect the information of the public and proactively defend against cyber attacks. With Cribl LogStream, the public sector can securely manage growing data volumes, effectively shift to remote work and e-learning, and quickly get the analytics they need to continue serving the communities they support.

An Observability Solution That Meets the Needs of the Public Sector

Cribl LogStream is the best way for groups in the public sector 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 public sector 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 data management costs along the way



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A Closer Look: Cribl LogStream™ for the Public Sector

ROUTE DATA FROM ANY SOURCE TO THE MOST COST-EFFECTIVE DESTINATION

With Cribl LogStream, groups in the public sector can send data to the most effective destinations, including low-cost storage locations like S3 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 health-care delivery organizations require. Different departments in each group can choose different analytics environments without deploying new agents or forwarders, or diverting funds from digital transformation.

GET FURTHER INSIGHTS INTO ORGANIZATIONAL, REMOTE WORK, AND E-LEARNING DATA BY AGGREGATING LOGS INTO SUMMARY METRICS

Cribl LogStream gives the public sector the power to extract fields of interest and publish the result to metrics. Once aggregated, these groups will see a major reduction in event counts and data volume, freeing up valuable licensing capacity in their analysis tools. 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, the public sector can get further insights into remote work and better understand e-learning data sources – or any other sources they are onboarding as part of their digital transformation efforts.

REDACT PERSONALLY IDENTIFIABLE INFORMATION (PII) FROM DATA IN REAL TIME

The public sector can now leverage Cribl LogStream's out-of-the-box Mask function to mask or obfuscate data in motion. Put simply, organizations can encrypt sensitive data in real time before it is forwarded to and stored at a destination, ensuring security of organizational data and anonymity for the communities they serve. LogStream helps groups in the public sector keep personally identifiable information safe, enabling deeper trust from the public in an era where remote work and e-learning is on the rise.

BETTER PROTECT AGAINST CYBERCRIME BY STREAMLINING SECURITY BREACH INVESTIGATIONS

Cribl LogStream allows groups in the public sector to park full-fidelity data in low-cost storage for as long as they need. When organizations discover a security breach, they can use LogStream to efficiently collect data from object storage and replay that security data to any SIEM or UEBA systems. Put the public at ease by quickly diagnosing and resolving existing breaches and potential cyber threats. LogStream provides the public sector with an affordable way to retain more data for longer periods of time – while still making that data easily accessible for breach investigations, whenever they happen.

Summary

The public sector is facing massive disruption due to a number of factors, including:

- *Immense year-over-year growth in data volumes*
- *Lack of access to the business intelligence and data analytics they need to effectively navigate turns such as the COVID-19 pandemic*
- *Changes in digital transformation investment areas across the industry, with a focus on remote work and e-learning*

Groups in the public sector must consider these changes when selecting an observability solution. Cribl Logstream is an observability solution that meets the needs of the public sector, 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 the public sector the power to make choices that best serve their unique needs without undermining their digital transformation efforts, sacrificing organizational and public security, or breaking the bank.

As these organizations' goals continue to evolve, they will have the freedom to make new choices – including new tools and destinations, more comprehensive investigations, and new sources of data.

Cribl LogStream™ helps groups in the public sector 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 machine 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 or our [LinkedIn](#), [Twitter](#), or [Slack](#) community.