

INDUSTRY SOLUTION BRIEF

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Cribl LogStream™  
*for Healthcare*



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# Cribl LogStream™ for Healthcare

Healthcare providers need an observability tool that works with existing tooling, offers quick insights on telehealth data, and keeps patient and organizational information safe and secure.



### INDUSTRY CHALLENGES

1. Hospitals and health-care systems are facing unprecedented financial pressures, exacerbated by the COVID-19 pandemic.
2. A surge in telehealth has led to additional growth in data volumes for health-care organizations.
3. Information and cybersecurity, particularly that of protected health information (PHI), remains a top concern.



### THE SOLUTION

Healthcare providers need an observability tool that works with existing tooling, offers quick insights on telehealth data, and keeps patient and organizational information safe and secure.

## Changes Across the Industry

The healthcare industry experienced major, sudden market shifts due to the COVID-19 pandemic, including, but not limited to, unprecedented financial pressure on hospitals and healthcare systems and an unanticipated surge in the offering of clinical services through virtual means. At the same time, data volumes are growing year over year in nearly every industry, and healthcare is no exception. These economic hardships – combined with this surge in telehealth and the amount of data that comes with it – present key challenges for healthcare product leaders. To combat these challenges, healthcare providers are shifting their spending priorities to new, cost-effective technologies, with a focus on improving security, promoting interoperability, and bettering external-facing services.

Given the increased investment in technologies to navigate the new normal, healthcare organizations will not only need a way to manage the continuing growth rate of data, but they will also require analytics to better understand the behavior of those applications and data. Concurrently, they will need tools to better combat cybercrime and streamline security breach investigations.

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.

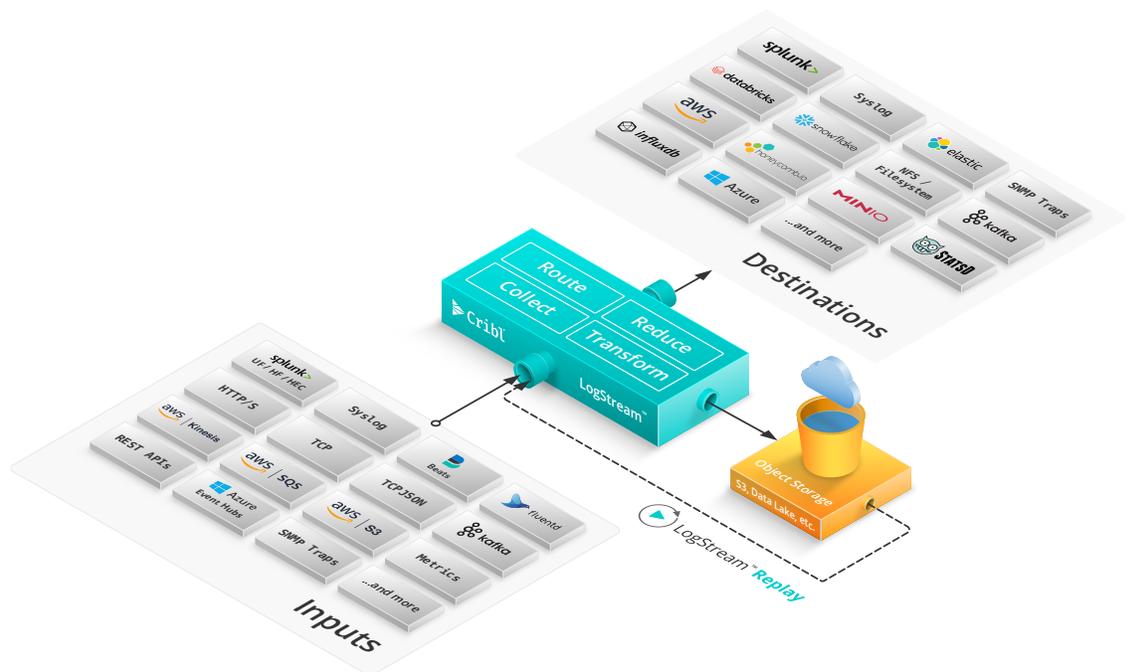
Many healthcare organizations are looking to Cribl LogStream to gain valuable insights from shifts in business strategy due to the coronavirus outbreak and to inform the next iteration of telehealth. These enterprises typically work with data that exists in multiple sources with different source protocols. 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. Healthcare providers also have to remain compliant with the latest industry standards and regulations. Ideally, they are looking to do all of that while keeping their patients' and customers' personally identifiable information safe. With Cribl LogStream, healthcare organizations can support the continued onboarding of new data sources regardless of format, get necessary insights from that data, and remain compliant while keeping the customer top of mind.

## An Observability Solution That Meets the Needs of Healthcare Providers

Cribl LogStream is the best way for healthcare enterprises 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, healthcare delivery organizations can now:

- Reshape, reduce, or route data from any source to any destination
- Stay compliant with the latest industry standards and regulations
- Get further visibility into data, including valuable customer insights
- Control costs along the way



*Cribl LogStream is the best way for healthcare providers to implement an observability pipeline, enabling them to parse, restructure, and enrich data in flight – before paying to analyze it.*

CRIBL LOGSTREAM IS AN OBSERVABILITY SOLUTION THAT MEETS THE NEEDS OF HEALTHCARE PROVIDERS, ENABLING THEM TO ROUTE, REDUCE, OR RESHAPE DATA.

## A Closer Look: Cribl LogStream™ for Healthcare

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

With Cribl LogStream, healthcare providers can send data to the most effective destinations, including low-cost storage locations like S3 for long-term retention and compliance with industry 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 healthcare delivery organizations require. Different departments in each organization can choose different analytics environments without deploying new agents or forwarders, or diverting funds from digital transformation at a time where many healthcare providers are facing unprecedented financial pressures.

### GET FURTHER INSIGHTS INTO ORGANIZATIONAL AND TELEHEALTH DATA: SUMMARY METRICS

Cribl LogStream gives healthcare delivery organizations the power to extract fields of interest and publish the result to metrics. Once aggregated, healthcare providers 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 healthcare industry, 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, healthcare enterprises can get further insights into customer and patient data and better understand telehealth data sources – or any other sources they are onboarding as part of their digital transformation efforts.

### REDACT PROTECTED HEALTH INFORMATION (PHI) AND OTHER PERSONALLY IDENTIFIABLE INFORMATION (PII) FROM PATIENT DATA IN REAL TIME

The healthcare industry 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 anonymity for every customer and patient. LogStream helps healthcare providers keep personally identifiable information safe, enabling deeper customer and patient relationships in an era where telehealth is on the rise.

### BETTER PROTECT AGAINST CYBERCRIME BY STREAMLINING SECURITY BREACH INVESTIGATIONS

Cribl LogStream allows healthcare enterprises 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 customers and patients at ease by quickly diagnosing and resolving existing breaches and potential cyber threats. LogStream provides the healthcare industry 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.

“IT’S JUST WORTH IT. THE CAPABILITIES THAT CRIBL HAS INTRODUCED TO US ARE LIMITLESS; ANY USE CASE THAT MIGHT COME UP DOWN THE ROAD, WE ARE CONFIDENT WE CAN ADDRESS.”

— STEPHEN SAMSON,  
CEO,  
ACCUHEALTH

## Industry Early Adopter: Accuhealth®

Accuhealth bridges the gap between healthcare and technology, offering doctors a turn-key Remote Patient Monitoring solution. Remote Patient Monitoring is crucial in a post-pandemic world, as healthcare delivery organizations offer more clinical services through virtual means. With Remote Patient Monitoring, practitioners can access patients’ vitals and review recent readings without having to see the patient in person.

The Accuhealth team processes over 250,000 readings per month, using Cribl LogStream to enrich the sensor data coming from patient monitoring devices. By preprocessing patient sensor data in LogStream, the team at Accuhealth ensures that this data is precisely tuned to provide the best search performance possible in their analytics tool, making it possible to get the answers they need from their environment – fast.

With LogStream, their searches are a fraction of the size they used to be, and speeds are between ten and one hundred times faster. These speeds directly translate to lower overall core, licensing, and storage expenses at a time of economic hardship for the healthcare industry as a whole.

### Summary

The healthcare industry is facing massive disruption due to a number of factors, including:

- *Unprecedented financial pressure on hospitals and healthcare systems*
- *A shift to telehealth and virtual offerings accelerated by the COVID-19 pandemic*
- *Immense year-over-year growth in data volumes*

Healthcare delivery organizations must consider these changes when selecting an observability solution. Cribl Logstream is an observability solution that meets the needs of healthcare providers, 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 healthcare providers the power to make choices that best serve their unique needs without undermining their digital transformation efforts, sacrificing organizational and patient 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 healthcare enterprises 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](http://www.cribl.io) or our [LinkedIn](#), [Twitter](#), or [Slack](#) community.