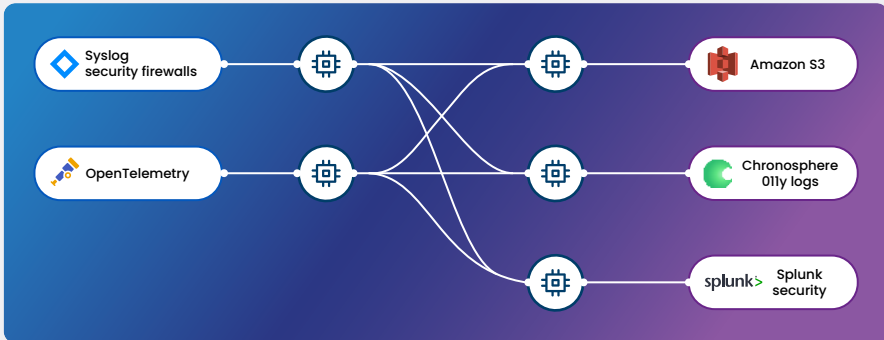


Chronosphere Telemetry Pipeline

Collect, process and route telemetry data at any scale



Input: Please insert your test input below in JSON or RAW. Enable profiling

Value: Raw

```

{
  "url": "/explore HTTP/1.0" 200 5844 "http://www.pricer-schmidt.org/category.html" "Mozilla/5.0 (Android 7.1.2; Mobile; rv:26.0) Gecko/26.0 Firefox/26.0"
}
    
```

Actions: All actions are ordered by hierarchy. You can change the order.

Block records remove noise

```

443 41.149.136.210 - - [02/Feb/2022:02:57:47 +0000] "GET /posts/posts/explore HTTP/1.0" 200 4979
    "https://buck.com/tag/none/" "Mozilla/5.0 (iPad; CPU iPad05 B.1.0 Like Mac OS X) AppleWebKit/533.2 (KHTML, like Gecko) FxOS/14.4b1295.0 Mobile/21E710 Safari/533.2"
444 15.38.174.178 - - [02/Feb/2022:05:01:27 +0000] "GET /explore HTTP/1.0" 200 4925
    "https://www.gray.biz/posts/search/" "Mozilla/5.0 (compatible; MSIE 5.0; Windows NT 5.2; Trident/3.0)"
445 174.152.55.95 - - [02/Feb/2022:03:06:23 +0000] "POST /wp-admin HTTP/1.0" 200 4986
    "https://diaz.com/app/list/category/" "Mozilla/5.0 (Macintosh; PPC Mac OS X 10_7_2; rv:1.9.6.20) Gecko/2013-09-25 20:51:53 Firefox/9.0"
    143.242.229.68 - - [02/Feb/2022:03:07:00 +0000] "POST /wp-content HTTP/1.0" 200 4981 "https://www.peterson.com/"
    192.168.1.138 - - [02/Feb/2022:03:08:54 +0000] "PUT / HTTP/1.0" 200 4953 "https://fields.com/list/wp-
    Bytes: 108241
    
```

Reduction: 89%

The Challenges

In microservices and containerized landscapes, organizations face significant challenges in collecting, processing and managing log data.

High Costs of Log Data

Storing and managing large volumes of log data is expensive, and often outweighs its value. This forces difficult trade-offs between cost and visibility, and leading to potential blind spots in observability and security.

Complex and Manual Log Operations

Managing logs manually is time-consuming. Collecting, transforming, and routing logs from various sources requires extensive configuration and maintenance. The complexity of handling different log formats and protocols adds operational burdens.




The Solution

From the creators of Fluent Bit and Calyptia, Telemetry Pipeline enables you to seamlessly manage logs from any source to any destination. It integrates with your existing sources in minutes, enables turnkey processing, and simplifies the management of pipelines with a suite of automated operations.

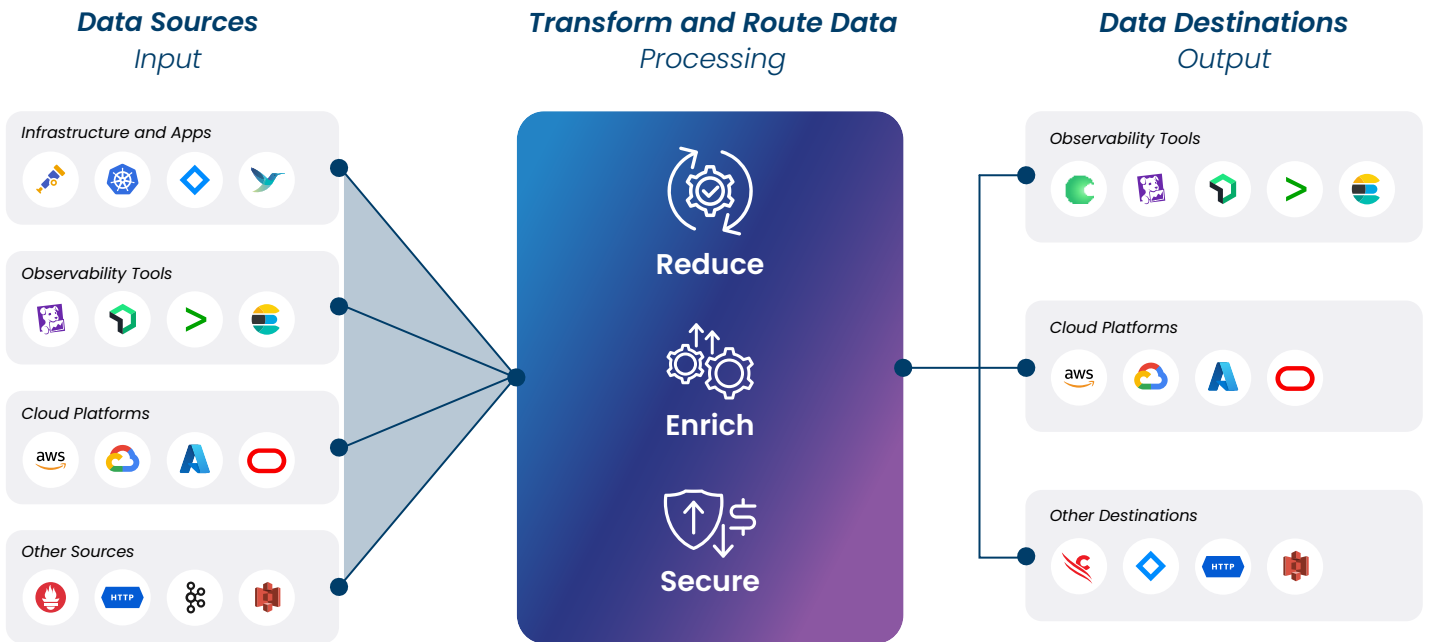
Case Study: Top 3 Global Bank

With hundreds of thousands of endpoints, and many siloed applications, [Top 3 Global Bank] was dealing with a data management nightmare.

With Chronosphere Telemetry Pipeline

-  Scale to handle **100s TBs per day** for observability and security
-  Reduced agent count **by 10x**
-  Decreased integration time for new teams **by months**

How it works



Collect and Route Logs From Any Source to Any Destination

- **Seamless Integration:** Integrate with dozens of data sources and destinations out of the box, such as Splunk, Kafka, Graylog, Amazon S3 and more.
- **Quick Onboarding:** Adding new sources and destinations is streamlined with a low-code/no-code interface, without extensive coding.
- **Open-Source Compatibility:** Built on Fluent Bit, with support for all open standards and signals, including OpenTelemetry and Prometheus.
- **Comprehensive Data Routing:** Send logs to destinations that best fit your needs, with support for all formats and protocols.

Process Logs In-Flight With Turnkey Transformations

- **Filtering:** Remove unnecessary log entries
- **Redaction:** Automatically redact sensitive data such as PII
- **Deduplication:** Eliminate duplicate log entries
- **Enrichment:** Enhance logs with additional context
- **Compression:** Reduce the size of log data
- **Parsing:** Convert logs into structured formats
- **Aggregations:** Combine related log entries

Automated Pipeline Operations

- **Automatic Load Balancing:** Distributes log data evenly across the infrastructure
- **Automatic Retry:** Handles temporary issues by retrying failed data transfers
- **Automatic Healing:** Detects and resolves issues without manual intervention
- **Automatic Monitoring:** Continuously monitors the performance and data amount of the pipeline
- **One-Command Scaling:** Adjust capacity with a single command and set thresholds to automatically increase capacity

Built for Performance and Efficiency

Developed by the creators of Fluent Bit, it leverages the proven reliability of the leading open-source log processor.

Low Infrastructure Cost

- Written in C, it requires **significantly fewer resources** compared to other solutions.
- Over **20x more efficient** than other leading pipeline solutions.

Kubernetes Native

- Natively integrated with Kubernetes and **deployed as a Kubernetes operator**.
- Full support for Kubernetes **annotations, tolerations, taints, and high availability** with out-of-the-box Kubernetes Fleet Management.

Fleet Management

- Scalable, **centralized control over Fluent Bit agents** across thousands of machines.
- Simplifies management of **configurations, performance monitoring, and deployment updates**.

Ready to learn more? Visit chronosphere.io