

## THE CHAOSSEARCH® CLOUD DATA PLATFORM

# Scalable Log Analytics

### CHALLENGE

#### Legacy Analytics: Too Much Time, Cost, and Complexity

IT Operations, DevOps, and SecOps teams need to harness their organizations' ever-growing data to become more robust, resilient, and responsive. However, legacy analytics platforms were not built for today's cloud environment—where organizations process tens of terabytes of new data every day. Attempts to scale with legacy architecture can mean adding significant cost and complexity, with multiple disparate clusters and complicated database sharding.

### SOLUTION

#### Scalable Log Analytics with Data Lake Economics: ChaosSearch

ChaosSearch enables customers to Know Better®, while fulfilling the true promise of data lake economics. Unlike competing solutions, ChaosSearch indexes all log data in your cloud object storage, as-is, without the need for any data transformation or data movement. Our revolutionary approach supports the cloud environments' scalability and economic advantages so organizations can ingest and manage data like never before. ChaosSearch commonly replaces the Elasticsearch stack, yielding massive cost-performance improvements (up to 80% TCO savings), without any data movement or behavior change needed from end users.

### CHAOSSEARCH BENEFITS

The ChaosSearch Cloud Data Platform addresses the shortcomings of competitive solutions, reducing time, cost, and complexity.

#### Cost-Performance at Scale

We deliver a 50-80% overall annual cost reduction to our customers when compared to log analytics alternatives. With a virtually unlimited total capacity, you can maintain long-term data retention, avoiding the painful “cost vs. retention” tradeoffs prevalent with alternative solutions. Our data ingest rate leverages the full power of the cloud without introducing any latency. Process tens of terabytes per day!

#### No Data Movement

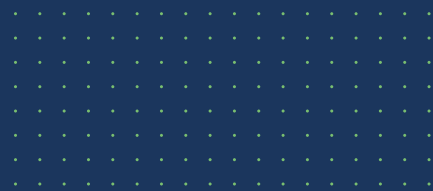
ChaosSearch indexes the data in your cloud environment while auto-detecting native data schemas—no data transformation or parsing on ingest. Add new data sources with ease!

#### No Behavior Change

ChaosSearch provides multi-model data access to users via open APIs, such as Elasticsearch and SQL, and Kibana is included natively within the platform. End users work in their preferred tools and data management is seamless.

### A NEW APPROACH TO LOG ANALYTICS

Imagine sending all your data to your cloud environment in its native format—no parsing or schema changes. ChaosSearch indexes all data as-is, without transformation, while auto-detecting native schemas. The ChaosSearch Cloud Data Platform enables the search and analysis of cloud data with unmatched scale, resiliency, and cost savings.



## FEATURES

### Chaos Index®

The Chaos Index® is at the heart of this revolutionary technology. Upon deployment, ChaosSearch builds an index of all customer log data in their cloud environment and then updates it continually as new data is written. Indexing is an out-of-band, parallel process, so it imposes no performance impact on your ingest.

The index scales as the data scales, without capacity restraints. Our index renders all of the data searchable and available for advanced analytics. Alternate solutions require customers to carefully select the subset of their data to ingest and store; ChaosSearch makes your entire data lake searchable and queryable.

### Chaos Refinery®

The Chaos Refinery® allows for “virtual” data transformation without the need to manipulate or move the underlying original log data. Interact and experiment with the data without worrying about complicated indexing or ingesting procedures. With our Refinery, customers can change virtual data structures and schemas on the fly, creating new views of the data and new query capabilities.

### Chaos Fabric®

The Chaos Fabric® stateless architecture intelligently brings together the storage, compute and services layers and provides independent and elastic scaling of storage and compute for seamless scalability.

## CLOUD ENVIRONMENTS SUPPORTED



Google Cloud



Amazon Web Services

*“Our SRE teams used to struggle with managing the vast amount of logs it takes to support millions of users in real time in a consistent manner across all our product lines. With ChaosSearch, we are able to use a singular solution for our various logs without the hassle of managing the logging tools as well.”*

**Joel Snook, Director**  
DevOps Engineering

**Blackboard™**

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## ABOUT CHAOSSEARCH

ChaosSearch helps modern organizations Know Better® by activating the data lake for analytics. The ChaosSearch Cloud Data Platform indexes customers’ cloud data, rendering it fully searchable and enabling analytics at scale with massive reductions of time, cost and complexity. ChaosSearch was purpose-built for cost-effective, highly scalable analytics encompassing full text search, SQL and machine learning capabilities in one unified offering. The patented ChaosSearch technology instantly transforms your cloud object storage (Amazon S3, Google Cloud Storage) into a hot, analytical data lake.

For more information, visit [ChaosSearch.io](https://ChaosSearch.io) or follow us on Twitter @ChaosSearch and LinkedIn.