



# Logging made easy – with LM Logs

LM Logs empowers Ops teams to put the operational focus back on logs without sacrificing productivity



Gone are the days of manually sifting through log data, asking security teams for access, relying on manual interpretation of events, and building advanced querying skills. LM Logs was built for ITOps and DevOps teams to cut through the noise and pinpoint the exact root cause with context. All of this comes together in one solution to clearly show what is happening across hybrid and multi-cloud environments, where the issues occur, and why.

## Better together: Correlate logs and metrics to centralize data, break down silos, troubleshoot faster, and reduce MTTR.

Log data is one of the most context-rich data sources Ops teams ingest. But leveraging that data in a meaningful way can be difficult with legacy monitoring tools, siloed operations, and manual collection. Plus, it can be difficult to learn and manage logging tools.

LM Logs is a powerful logging solution that is easy to use and provides instant, recognizable value. With full visibility into log data across your infrastructure and powerful anomaly detection, log intelligence is now simple, actionable, and proactive. LM Logs offers:

- A unified approach to logs, metrics, and alerts
- The ability to identify the root cause of problems that impact productivity
- A single, unified view for insights and collaboration
- A converged approach to monitoring your entire infrastructure

### Benefits of LM Logs:

**Fast and easy onboarding** – start ingesting log data in minutes with a logging solution that is operational out-of-the-box and does not require skilled resources to decipher, parse, or inspect data.

**User friendly, team agnostic** – querying capabilities for all levels; simple, advanced, and everywhere in between.

**Retention Duration** – retain your data for how long you need it, one year or unlimited. And with hot storage, you can access your log data instantly, at any time. Analyze data for a retroactive view into historical errors, to adhere to audit requirements, or for improving data hygiene practices.



# How Ops teams benefit from LM Logs

Logs should be accessible and painless for every Ops team– no matter their experience level. Whether teams need a simpler approach to log analysis or a deep dive into querying skills, LM Logs was built for all Ops teams.

LM Logs help ITOps and DevOps teams solve real-world challenges. Here are some examples of how our own TechOps team has benefitted from LM Logs:

## Resolving hardware issues when a Kafka broker stops

After a Kafka broker lost leadership it was not properly replicating data on a server. Before LM Logs,the application logs from Kafka were useless in finding the cause, which led to hours of investigation.

With LM Logs, the team was alerted to the same issue on a different server and found the issue immediately. Having metric-based alerts alongside anomalous log messages provides clarity.

**Benefit:**

Automated correlation with metric-based alerts

## Discovering the issue for TSDB and a decrease in RCA time

A multi-tenant TSDB server that provided service to more than 150 customers stopped consuming messages from Kafka. Before LM Logs, this issue could take hours or days to investigate using sophisticated log aggregation queries, if a root cause could be surfaced at all. With LM logs, the root cause was tracked down to a single customer. In less than an hour-and-a-half, 91 anomalies were found out of 6.2 million log lines. That means only .0000145 percent of the logs during this time period were relevant to the problem.

**Benefit:**

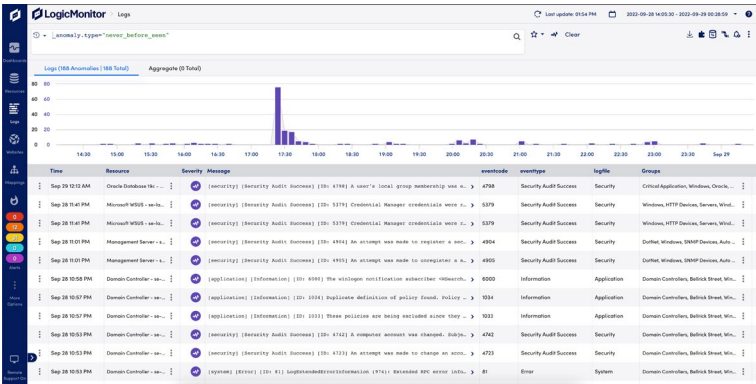
Narrow log volume for noise reduction

## Finding the needle in the haystack and decreasing MTTR

An on-call engineer received a metric-based alert indicating response time had degraded. Sometimes, reading through the actual logs is required to surface an issue and before LM Logs, this was not feasible with nearly a million messages to scroll through. With LM Logs, the engineer was able to quickly view the related log anomalies, which revealed a bug that required manual intervention to resolve in the short term, and provided the data required to create a follow-up action for preventing this issue in the future. In this case, the log anomaly represented .04% of the total log volume during the 90 minutes,

**Benefit:**

Out-of-the-box log-based anomaly detection







## Built with your business in mind

*Logging tools should empower Ops teams, not hinder them.*

Whether it's to decrease MTTR, quickly find the root cause, or leverage the data to understand user behaviors and trends, LM Envision's unified logs and metric workflow for Ops teams removes dead-end investigations. LM Logs allows you to focus on scaling and growing your business without sacrificing productivity.



### Save Time with Quick Onboarding

Start ingesting log data in minutes, without manually going to the box to get what you need.



### Ease of Use

Querying capabilities for ALL experience levels: simple, advanced, and everywhere in-between.



### Instant log data, all the time

Teams can access log data to evaluate historical errors with one year or unlimited retention options for internal compliance and data hygiene.



### Hot storage

Access historical log data at any time, instantly, with hot storage.



### Anomaly Detection

Log volume can be overwhelming, LM Logs offers unique anomaly detection to instantly narrow down millions of events.



### Modernize your tech stack

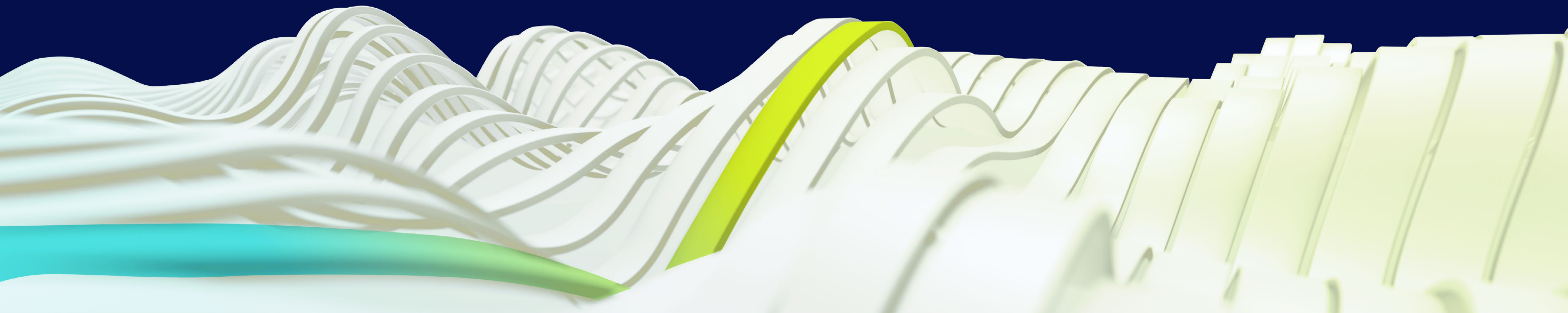
With LM Logs, get a holistic view of your hybrid or multi-cloud infrastructure and leverage the data and context to understand roadblocks, slowdowns, gaps, issues, underutilization, overutilization, and more.

However you define the 'R' in 'MTTR,' we know you want to fix it fast. With LM Logs, your access to log data helps detect issues faster by enriching existing IT metrics with more available data. Reduce time to resolve issues by knowing where the problem is occurring with detailed, timestamped information for each device. Detect and reduce MTTR across modern IT environments with contextual insights.



LM Envision is a unified observability platform that expands possibilities for businesses by advancing the technology behind them.

[Sign up for a free 14 day trial](#)



## About LogicMonitor®

LogicMonitor®'s SaaS-based observability and IT operations data collaboration platform helps ITOps, developers, MSPs and business leaders gain visibility into and predictability across the technologies that modern organizations depend on to deliver extraordinary employee and customer experiences. LogicMonitor seamlessly monitors everything from networks to applications to the cloud, empowering companies to focus less on troubleshooting and more on innovation. For more information, visit [www.logicmonitor.com](https://www.logicmonitor.com).

