Grammarly powers its high-growth business with real-time data insights that speed time to market

Challenge

Grammarly is on a mission to improve lives by improving communication. Every day, 30 million people around the world use Grammarly's AI-powered product to strengthen their writing and say what they really mean—better. There are many factors that have led to Grammarly's remarkable growth since its beginnings in 2009, one of which is the emphasis the company places on delivering a high-quality service that delights its customers.

In support of that important goal, Grammarly wanted real-time data analysis to understand the performance of its software, as well as gain security insights across the organization's Amazon Web Services (AWS) cloud environment. However, using an open source solution to extract the information from the company's log data became a challenge.

Managing the solution required continued maintenance, and it wasn't meeting the company's scaling requirements. Ultimately, Grammarly decided to pursue a solution that would provide strong data analysis and a good user experience for the multiple engineering teams—development, security and infrastructure—that support Grammarly's customer-facing and internal services.

Solution

The engineering team outlined the criteria for a new solution. The ideal data analytics solution needed to deliver a user-friendly experience and provide powerful scalability to meet Grammarly's high data ingest volumes. In addition, the team wanted a cloud-based solution that would be easy to set up and required minimal effort to manage as the company scales, expands, and grows into new and existing markets.

After conducting an in-depth evaluation of multiple offerings, including Splunk, Grammarly chose Sumo Logic as the top solution that met all of the company's requirements.

Results

With Sumo Logic, Grammarly is equipped with efficient data intake and analysis capabilities that provides the company with meaningful insights to continue to drive its phenomenal business growth.

Company

grammarly

Industry

Software company

Environment

Amazon Web Services

Sumo Logic Products

Software Delivery Optimization

Cloud Log Management

Cloud Security Monitoring & Analytics

Audit & Compliance

Solutions

Industry & Regulatory Audit & Compliance

Modernizing Security Operations

Application Modernization

Results

- **Eliminated operational and management overhead**
- **Optimized product quality and customer experience**
- **Gained efficiency in managing data intake and quickly identifying issues**
- **Gained go-to solution for security insights across the company's environment**
- **Flexible data tier licensing optimized the economics of data management**

Currently, Sumo Logic ingests and analyzes 3.7 TB of data each day and integrates with Grammarly's AWS environment, including more than 400 microservices, collecting data from log files and event streams to provide Grammarly with advanced analytics and storage for the company's high volume of data.

Fast time-to-market that drives growth
Across the company's SaaS offerings, Sumo Logic provides the engineering team with usage and historical data to understand how user and platform performance metrics are trending over time. Essential information, such as details on software performance and health allow the developers to quickly spot issues and uncover any unexpected events.

With Sumo Logic delivering full-stack visibility and real-time insights on its Continuous Intelligence Platform™, Grammarly is empowered to accelerate release updates and introduce new enhancements that further fuel customer adoption and company growth.

"Providing our customers with exceptional service is an important business value. Sumo Logic delivers meaningful data analysis on how our services are working that let us consistently improve our offerings and maintain a high-quality customer experience," said Maryna Veremenko, Engineering Manager at Grammarly.

> **"The insights from Sumo Logic gives us a framework for what our optimized services looks like. This framework empowers our engineering team to speed up feature delivery and time-to-market for new development efforts."**
>
> **Maryna Veremenko**
> Engineering Manager

Powerful security insights across the environment
With Sumo Logic, the security engineering team has the go-to dashboards they need to monitor the attack surface across Grammarly's cloud infrastructure and gain security insights on the state of the company's security posture. Sumo Logic is set up to perform security analytics on a range of applications and services, enabling the security engineers to easily detect anomalies across Grammarly's entire technology stack.

> **"Our security team uses Sumo Logic pretty heavily as the main tool to monitor our environment for suspicious activity. The product's convenient user interface and dashboards make it easy to narrow in on the important alerts to see what's happening."**
>
> **Maryna Veremenko**
> Engineering Manager

Strong vendor support
In addition to the product's powerful analytics, Grammarly gained a trusted vendor relationship. "We get fabulous support from Sumo Logic. It's nice to have that relationship with a business like Sumo Logic that provides strong, enterprise-level support," said Veremenko.

Looking ahead

Optimizing data management economics
As the engineering team plans the journey ahead, they're looking forward to continuing to optimize the economics of the company's storage and data analytics with Sumo Logic's data tiering capabilities. Undoubtedly, Grammarly generates a lot of daily data.

> **"Sumo Logic provides our business with a lot of value. It gives us a single solution that supports all of our many data types and use cases—from optimizing our software delivery to monitoring the security of our environment. It's really stable in handling our data volumes, and, most important, it empowers our engineers with the information they need."**
>
> **Maryna Veremenko**
> Engineering Manager

Some logs are mission-critical and require real-time analytics while other logs simply need to be stored for future audits. With Sumo Logic's tiered-analytics pricing model, the engineers can easily adjust which logs fall into which category.

"We're looking forward to using Sumo Logic's new cost management dashboard to obtain deeper insights into how we're using the product. With that information and Sumo Logic's flexible data tiered pricing, we can continue to optimize how we're managing our data, as well as reduce our costs," said Veremenko.

About Sumo Logic

Sumo Logic Inc., (NSDQ: SUMO) is the pioneer in continuous intelligence, a new category of software, which enables organizations of all sizes to address the data challenges and opportunities presented by digital transformation, modern applications, and cloud computing. The Sumo Logic Continuous Intelligence Platform™ automates the collection, ingestion, and analysis of application, infrastructure, security, and IoT data to derive actionable insights within seconds. More than 2,100 customers around the world rely on Sumo Logic to build, run, and secure their modern applications and cloud infrastructures. Only Sumo Logic delivers its platform as a true, multi-tenant SaaS architecture, across multiple use-cases, enabling businesses to thrive in the Intelligence Economy. For more information, visit www.sumologic.com.