

“As organizations move application workloads to AWS, it is critical to monitor the delivery, performance, and security of those services in real-time. Sumo Logic makes this easier by providing customers like Paf with a highly scalable AWS-hosted analytics platform with pre-built analytics and dashboards for a number of AWS services, including AWS CloudTrail, Amazon S3, and Amazon VPC Flow Logs. This gives the customer visibility and insights to see what’s going on in their application infrastructure during these transitions.”

Niko Mykkanen

EMEA Partner Lead, AWS



Challenge

As part of Paf’s journey to the cloud, the company needed a data analytics solution to help consolidate tools and give them the visibility to help monitor their distributed systems as they worked to modernize its application stack into Amazon Web Services (AWS). Paf was looking for an automated solution that would support its hybrid infrastructure, correlate log and metric data and support security regulations such as GDPR.



Solution

Paf selected Sumo Logic’s cloud-native machine data analytics platform which delivered critical insights that enabled them to analyze log and metric data, perform root-cause analysis, and monitor apps and infrastructure – all in real-time – allowing Paf to focus on higher priority projects and deliver an excellent online customer experience.



Results

- Rich visibility into applications, AWS and on-premises infrastructure
- Unified view of logs and metric data for faster root cause analysis
- SaaS service frees up infrastructure & support team with no overhead to manage

Introduction

Founded in 1966 on the Åland islands in Finland with the purpose of creating profit to support public good, Paf is an international gaming operator with over 400 online games including slots, casino, poker, betting, bingo and lotteries. The company also operates a large physical gaming operation with about 1,500 slot machines and 55 gaming tables on cruise ships in the Baltic Sea, the North Sea and on Åland. Paf’s annual profit is distributed to good causes in for example the social sector as well as sports and culture. Paf is licensed and controlled by the regional government of Åland.

For nearly a year, Paf was on a journey to modernize their IT environment, including application architecture and infrastructure. With that, they began

Industry

Casino & Gaming

Headquarters

Europe

Size

400+ Employees

Use cases

IT Operations

Security

moving their workloads from a pure on-premises environment to Amazon Web Services (AWS). This hybrid environment consists of number of developer and delivery tools. In order to continue to efficiently make this transition, it became clear to Paf's IT team that it needed to consolidate its existing tools and dramatically change how it monitored its modern applications and systems.

"Today's modern applications are more like living organisms than the static, monolithic architectures of the past," said Petri Autero, lead architect for Paf. "They are far more complex, with ever changing requirements which has really challenged our team to keep up with the ability to identify and resolve issues and keep applications performing at scale."

Paf's IT team determined that a data analytics platform would be the best way to solve their challenges and had a focused list of criteria that had to be met.

"First and foremost we wanted a SaaS-based solution as we didn't have the time and resources to run and manage it," said Autero. "Second, we wanted a solution that would enable us to see and analyze log and metric data. Bringing together insights from both our log and metric data into detailed view of the application would help us quickly get to the root cause in case of outages, so this was really important. We also wanted a solution that would help us meet the upcoming European Union General Data Protection Regulation (GDPR) deadline coming up in 2018. Lastly, the solution had to support the hybrid infrastructure we were building, giving us the ability to hook into both on-premises and AWS services, such as EC2, Lambda, S3, Amazon VPC Flow Logs, and CloudTrail as we transitioned our workloads."

Paf selected Sumo Logic, a cloud-native data analytics platform. While Autero was a key driver in the selection process, the development and tools team also provided a definitive thumbs up.

"The POC that Sumo Logic delivered was really what sold us on the platform."

Petri Autero
Lead Architect, Paf

"Not only were we able to implement it in short order, we quickly realized Sumo Logic met all of our requirements. The rich visibility and data insights we were able to glean from dashboards across our applications and AWS infrastructure was unbelievable and second to none with other solutions we evaluated. We wanted to start using the Sumo Logic platform immediately" said Autero.

Today, around 150 developers, customer support representatives and systems-operations admins use Sumo Logic primarily to relay some of the company's key performance and business metrics to their executives vis-à-vis custom dashboards.

"Before Sumo Logic, we thought that real-time monitoring coupled with the ability to unify log and metric data in a scalable SaaS-based platform was an unattainable goal. Not only does it exist, but Sumo Logic is setting the gold standard." said Autero.

About Paf

Paf is an international gaming company founded on the Åland Islands in 1966. Our clear mission is to generate profit to be used for the benefit of society. We aim to make a difference. We care about our players and the society we live in. For more information, visit www.paf.com.

About Sumo Logic

Sumo Logic is a leader in continuous intelligence, a new category of software, which enables organizations of all sizes 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 2,000 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.

Founded in 2010, Sumo Logic is a privately held company based in Redwood City, California, and is backed by Accel Partners, Battery Ventures, DFJ Growth, Franklin Templeton, Greylock Partners, IVP, Sapphire Ventures, Sequoia Capital, Sutter Hill Ventures, and Tiger Global Management. For more information, visit www.sumologic.com.