



CASE STUDY

Reinventing Cybersecurity for a Municipality: How MixMode Slashed Data Storage Costs by 50%

The Challenge: Drowning in Data, Burdened by Ballooning Costs

Data is the lifeblood of every modern organization, but harnessing its power requires more than just amassing information. For municipalities and enterprises, the true value of data lies in its accessibility, understanding, and protection.

Yet, as networks grow and evolve, the cybersecurity solutions deployed to safeguard this critical asset often fail to keep pace. Many organizations find that the systems they've put in place become overloaded, vulnerable, and ultimately, much more costly than anticipated.

This was the reality facing a large government entity as it grappled with the shortcomings of its existing security information and event management (SIEM) and user behavior analytics (UBA) tools. Despite years of deployment and significant investments, these solutions could not provide the real-time visibility and threat detection needed to secure their expansive network.

Worse, the insatiable appetite of these legacy platforms for log data was driving storage costs through the roof, with projections indicating the bill would only continue to spiral out of control. One manager said, "Aside from license costs, storage is costly due to the all-consuming nature of these products."

The Solution

Determined to regain control over its security posture and data infrastructure, the municipality turned to MixMode, the leader in delivering advanced AI cybersecurity solutions for real-time threat detection and response at scale.

Unlike traditional SIEM and UEBA tools that rely on rules-based alerts, queries, and dashboards designed around historical log data, The MixMode Platform takes a fundamentally different approach. MixMode's self-supervised learning AI continuously analyzes real-time network behavior, comparing it against a dynamically adapting baseline to detect anomalies and predict future threats.



The Results

- **Rapid Deployment:** Within 24 hours, the government entity regained control over its security environment and data infrastructure.
- **Real-Time Threat Detection:** Shift from legacy log-centric tools to real-time behavioral analysis for threat detection and response.
- **Cost Reduction:** The municipality reduced cybersecurity costs by 50% by eliminating the need for extensive data retention and proprietary labeling.
- **AI-Driven Advantage:** The partnership with MixMode enabled the entity to stay ahead of evolving threats through an AI-driven approach.

This Paradigm Shift Unlocked Transformative Benefits for the Government Entity:

- **Significantly Lower Storage Costs:** The MixMode Platform slashed the municipality's storage expenditures by 50% compared to their previous SIEM solution by eliminating the need for extensive log data retention.
- **Real-Time Threat Visibility:** MixMode's AI-powered analysis enabled the team to identify active attacks and network issues that their piecemeal cybersecurity stack had missed.
- **Streamlined Operations:** The municipality could now manage its entire security ecosystem through a single, integrated platform rather than juggling multiple platforms and databases.

The Results: Regaining Control, Slashing Costs

Within 24 hours of deploying The MixMode Platform, the government entity had reclaimed control over its security environment and data infrastructure. No longer bound by the limitations of legacy log-centric tools, they could now leverage real-time behavioral analysis to detect and address threats as they emerged.

But the most transformative impact was financial. By eliminating the need for extensive data retention and proprietary labeling, the municipality was able to slash its cybersecurity costs by 50% compared to its previous SIEM solution.

"The MixMode Platform has proven to be a far more effective platform than traditional cybersecurity tools, at a fraction of the cost," explained Geoffrey Coulehan, Field CISO at MixMode. "Our customers achieve positive ROI with greater efficacy in identifying and addressing cyber threats by taking advantage of our advanced AI and eliminating the need to store data in a redundant, proprietary format."

For this large government entity, the decision to partner with MixMode has proven to be a watershed moment, freeing them from the data storage burdens that had previously constrained their cybersecurity efforts. Now, they can focus on proactively safeguarding their networks, confident MixMode's innovative AI-driven approach will keep them one step ahead of evolving threats.

"We are able to shrink storage requirements by a wide amount," explained a manager involved in the project.

"Instead of the existing SIEM solution increasing data storage needs by 400 or 500 percent, MixMode can decrease it by 50 to 60 percent."

About MixMode: MixMode is the leader in AI-driven dynamical threat detection solutions, delivering a patented, self-learning platform designed to detect both known and unknown threats across cloud, hybrid, or on-prem environments. Large enterprises with big data environments, including global entities in financial services, public utilities, and government sectors, trust MixMode to protect their most critical assets. Backed by PSG and Entrada Ventures, the company is headquartered in Santa Barbara, CA. Learn more at www.mixmode.ai.