



MIXMODE CLOUD DETECTION AND RESPONSE

Real-time Threat Detection and Response for Cloud Environments



Organizations increasingly adopt cloud technologies to drive innovation and efficiency in today's rapidly evolving digital landscape. However, traditional security tools and teams often need help keeping pace with cloud security's unique challenges. The dynamic and distributed nature of cloud environments and the scale and complexity of cloud services create blind spots and complexities that traditional security tools were not originally designed to address, making it harder to secure cloud environments effectively.

MixMode's Cloud Detection and Response Solution provides real-time monitoring of an entire cloud infrastructure, capable of correlating large volumes of diverse cloud data from multiple sources and surfacing relevant threats.

With MixMode CDR, organizations gain the comprehensive visibility and context they need to defend cloud applications and infrastructure against known and unknown threats, including those that typically evade traditional security measures.

How it Works

Most cybersecurity solutions utilize First and Second Wave artificial intelligence in various ways. However, these still rely on rules-based systems which can only detect attacks with known signatures and cannot effectively scale to the size of a typical corporate network.

The MixMode Platform is the only generative AI cybersecurity solution built on patented Third Wave AI for threat detection and response. MixMode's self-learning AI was born out of the dynamical systems branch of mathematics and adapts itself to the specific dynamics of each network, understanding and evolving to identify threats as they arise. The result is a truly autonomous defense system that dramatically enhances security programs, detects threats others miss in real-time, and delivers tangible business outcomes in days.

KEY BENEFITS

Real-time Detection

Real-time and predictive dynamic threat detection for novel and known attacks.

Increased Efficiencies

Uplevel existing investments, do more with less and save time by focusing on the threats that matter.

Seamless Integration

No rules, training, onboarding, or tuning required, delivering tangible results in days.

Reduced Costs

Reduce storage costs and eliminate the need for multiple disparate toolsets.

Proven Scalability

Easily monitor large volumes of data in real-time to quickly detect and mitigate threats without increasing spend.

STOP WASTING TIME CHASING FALSE POSITIVES AND START FOCUSING ON THE THREATS THAT MATTER.



Real-time Threat Detection: Real-time and predictive dynamic threat detection for novel and known attacks at scale.



Systematized Investigations: Full packet capture with file extraction, deep packet inspection, and the ability to query metadata or full packets.



Guided Response: Remediation recommendations with linked intelligence and the Mitre ATT&CK Framework.



Automated Threat Hunting: Automate hunting queries and proactively hunt for malicious events with full with our User Defined Rules functionality.

“Enterprise cybersecurity teams waste millions of dollars and man-hours every year storing, aggregating, and managing data with traditional SIEM platforms. The solution is to instead leverage unsupervised AI-driven analysis and predictive anomaly detection across multiple streams of data in real-time, at scale with a platform like MixMode.”

Ritu Jyoti, VP of AI Research, IDC

KEY CAPABILITIES

Cloud Traffic Analysis

Provides granular visibility into cloud workloads, applications, and data flows.

Real-time Monitoring and Alerts

Continuously monitors cloud environments, network traffic, and user behavior in real-time.

Anomaly Detection

Detects suspicious activity and traffic, unauthorized access attempts, and unusual data transfers.

Threat Intelligence Integration

Enriches alerts with threat information and the MITRE ATT&CK framework.

Advanced Analytics and Reporting

Actionable insights about network security posture, threat trends, and performance to make data-driven decisions.

NO RULES. NO TUNING. NO DATA LIMITS.



MixMode is the leader in delivering generative AI cybersecurity solutions at scale. MixMode offers a patented, self-learning Platform designed to detect known and unknown threats in real-time across cloud, hybrid, or on-prem environments. Large enterprises with big data environments, including global entities in financial services, fortune 1K commercial enterprises, critical infrastructure, 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.