



# MIXMODE COMPANY OVERVIEW

## Delivering Generative AI CyberSecurity Solutions for Real-Time Threat Detection at Scale

### Our Story

The foundation for any good business is understanding the customer. As a first step in building MixMode, our founders John Keister and Dr. Igor Mezic, talked with hundreds of enterprises, partners, and industry experts. They learned that security teams could not effectively detect and respond to attacks that originated from never-before-seen or novel threats, accounting for 80% of successful attacks. Security teams were also inundated with false positives and needed help quickly identifying relevant threats.

One client interview with a Fortune 500 financial services company stated, *"We have 57 cyber software platforms licensed in our SOC, but only five are being actively used."* *"Most generate too many false positives to be of any use, and we are unable to see novel or zero-day threats."*

Another CISO we spoke with reiterated this theme, stating: *"Despite making significant investments, our current toolsets still struggle to detect novel attacks. We need the right solution to help us detect all attacks at large enterprise scale, and to do so with efficiency."*

The participants also shared that legacy/current solutions were more reactive and took a rules-based approach that could not solve the detection of unknown threats or solve the scale to meet the needs of the modern enterprise. Thus, MixMode was established, offering the only proprietary, generative AI cybersecurity solution, solving for real-time threat detection and response at scale.

### Generative AI Purpose Built for Threat Detection and Response

MixMode's patented generative AI Platform is uniquely born out of dynamical systems (a branch of applied mathematics) and self-learns an environment without any rules or training data. MixMode's AI constantly adapts itself to the specific dynamics of an individual network, rather than using the rigid legacy ML models typically found in other cybersecurity solutions.

By developing an understanding of a network's normal behavior, MixMode's Generative AI can identify and surface known and novel attacks in real-time, providing unparalleled threat detection and response capabilities and increasing the efficiency and productivity of the SOC. Unlike other signature-based solutions, The MixMode Platform requires no rules, training, or IOCs. This unique approach enables MixMode to deliver precision, real-time threat detection and response at scale across network, cloud, or hybrid environments.

## COMPANY AT A GLANCE

### Founded

2020

### Headquarters

Santa Barbara, California

### Solutions

- Cloud Detection and Response
- Network Detection and Response
- Identity Threat Detection and Response
- SOC Optimization

### Awards

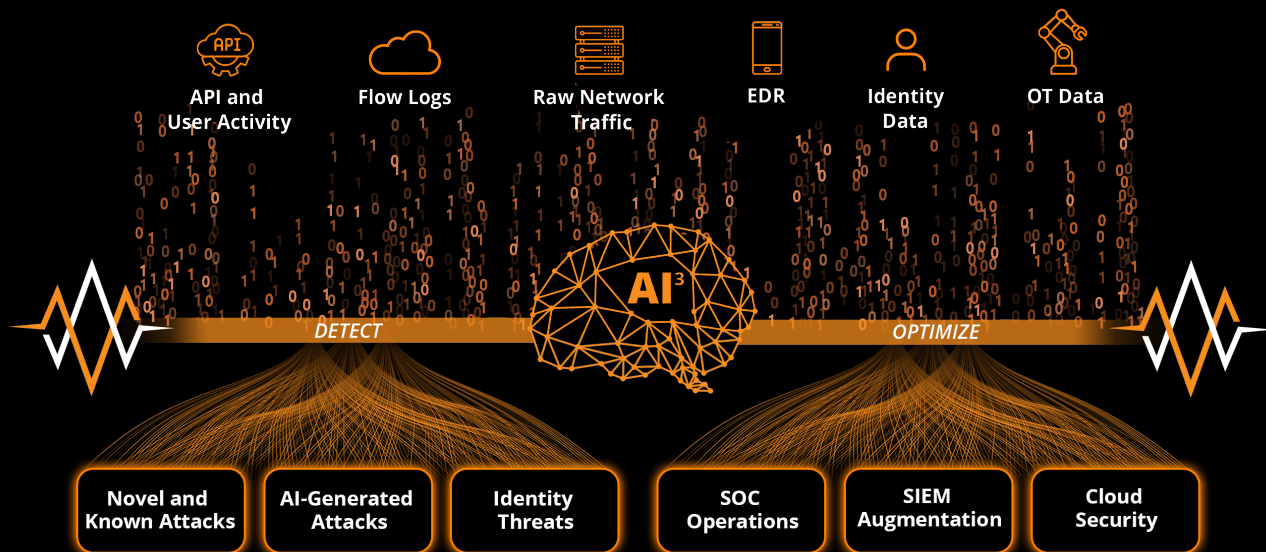
# Forbes

Top AI Companies



Most Innovative CyberTech Companies

# THE ONLY GENERATIVE AI CYBERSECURITY SOLUTION BUILT ON PATENTED THIRD WAVE AI FOR THREAT DETECTION AND RESPONSE



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 real-time threat detection and response, capable of detecting known and unknown attacks in large data environments. The MixMode Platform can be deployed seamlessly in minutes without predefined rules, training, or human interaction. It autonomously understands, adapts, and evolves with each network's dynamics to detect threats in real-time. The result is a truly autonomous defense system that significantly enhances a SOC team's efficiencies.

## Known and Novel Attacks

Detect and prevent threats that bypass traditional security measures, including Zero-Day, Insider Threats, New Ransomware, "Living off the Land" Supply Chain, and AI/ML Model Poisoning.

## Real-time Scalability

Ingest and analyze large volumes of data from multiple sources (cloud, on-prem, or hybrid) in real-time to quickly detect and mitigate threats without increasing spend.



### Proven Detection Capabilities

The only advanced threat detection platform proven to detect known and unknown attacks with no signature.



### Deploy in Minutes

Can be seamlessly integrated in less than one hour, providing immediate value.



### Tailors to your Environment

Advanced AI that learns and adapts to detect real-time threats in cloud, on-prem or hybrid environments.



### No Rules or Training

Unlike other platforms that rely on rules and IOCs alone, MixMode requires no rules, training, or maintenance.