

# No Data *Breaches*. No *Unauthorized* Access.

Regain control of your data ecosystem and fearlessly leverage APIs with ammune's AI-led security solutions.



## The Challenge: *Securing APIs in a Connected World*

APIs (Application Programming Interfaces) have become the backbone of modern digital ecosystems, enabling seamless data exchange between applications, services, and devices. However, as organizations embrace APIs to facilitate digital transformation, they expose critical assets—data, business logic, and internal systems—to potential cyber threats.

### Key *API Security Challenges*:



#### API as the #1 Attack Vector

According to Gartner, 90% of web-enabled applications are more vulnerable through exposed APIs than user interfaces, making APIs prime targets for attackers.



#### Complex Ecosystems

Organizations often operate a mix of managed and unmanaged APIs, many with insufficient security controls, leaving them vulnerable to exploitation.



#### Encrypted and Shadow APIs

Even encrypted APIs can be hacked if key management is compromised, and unadvertised or outdated (zombie) APIs present hidden threats.



#### Business Logic Flaws & Bots

Attackers increasingly exploit vulnerabilities in business logic or leverage automated bots to bypass traditional defences.

# The Ammune AI Solution: A New Standard for API Security

Ammune AI, powered by advanced unsupervised machine learning and artificial intelligence, offers a dynamic and autonomous approach to API security. Unlike traditional defenses like WAFs or static analysis tools, Ammune continuously learns and adapts to evolving threats, protecting APIs in real-time.

## Key **Features of Ammune AI**



### Autonomous, AI-Driven Protection

Ammune's AI engine automatically discovers and learns the unique profile of every API endpoint. It detects and mitigates threats without needing prior knowledge of the attack, eliminating the need for signature-based defenses.



### Comprehensive Threat Coverage

Ammune protects against a wide array of threats, including DDoS attacks, bots, business logic flaws, broken authentication, and API abuse. Its advanced behavioral analysis enables proactive defense, preventing attacks before they succeed.



### Real-Time, Inline Protection

Ammune delivers active protection with minimal performance impact. It operates in real-time, ensuring that no attack goes undetected.



### Low TCO and Seamless Deployment

With a plug-and-play design, Ammune requires no agents, proxies, or changes to existing applications, ensuring a cost-effective and frictionless deployment.



### Automated and Adaptable

Ammune's AI continuously adapts to changes in the API and threat landscape. It requires minimal human intervention, offering a scalable, future-proof solution.

# How **Ammune AI Stands Out**



## Behavior-Based Detection

Ammune's unsupervised AI analyzes traffic patterns and identifies deviations from normal API behavior, allowing it to detect even the most subtle, sophisticated attacks.



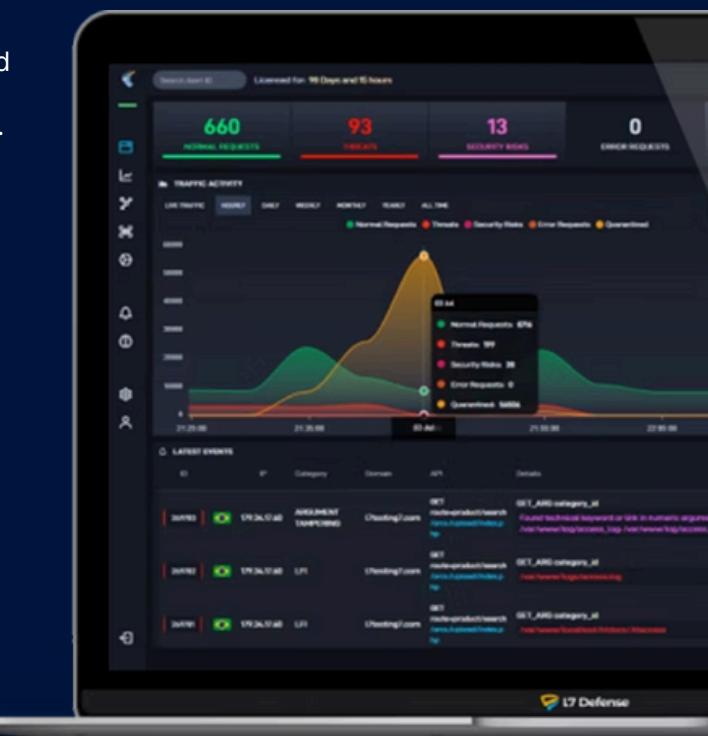
## Multi-Layered Defense Modules:

- ✓ **API-WAF:** Protects against classical content-based application layer attacks.
- ✓ **API-Bot:** Blocks automated bot attacks targeting APIs.
- ✓ **API-DDOS:** Defends against tailored, evasive DDoS attacks.
- ✓ **API-Business Logic (BL):** Identifies and blocks attacks exploiting business logic flaws.



## NO CONFIGURATION OVERHEAD

Unlike traditional solutions, Ammune continuously learns and adapts to changes, requiring no manual tuning or constant oversight.



# How **Ammune AI** Stands Out

APIs are integral to the digital economy, driving innovation and business growth. To ensure the security of sensitive data and critical business functions, organizations need to adopt a comprehensive, adaptive solution that can keep pace with the rapidly evolving threat landscape. Ammune AI is the key to building a resilient, secure API infrastructure, enabling businesses to unlock the full potential of their digital transformation efforts while protecting themselves against tomorrow's threats.

# Ready to **Protect Your APIs?**

Don't let your APIs become your most vulnerable point. Ammune.ai offers advanced, autonomous protection that scales with your business needs, allowing you to focus on growth without compromising security.



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