

Gain the muscle needed to prevent API attacks.

Powerfully and quickly safeguard your APIs.

A large, stylized pink graphic element consisting of two thick, curved lines that form a partial 'C' shape, framing the text.

**Verimatrix
API Security**

SOLUTION BRIEF



EMPOWERING YOU TO REPEL AN EVER-GROWING NUMBER OF DAMAGING API ATTACKS

It's predicted that by 2022 API abuses will be the most-frequent attack vector resulting in data breaches for enterprise web applications. APIs allow millions of connected devices to talk to back end servers, access data and communicate with partners, customers and employees.

Weak API security can result in painful, damaging consequences such as hacker attacks and data breaches. Utilizing Verimatrix's suite of software shielding solutions can help protect APIs from increasingly sophisticated attacks.

Verimatrix API Security empowers you to repel a wide range of API Attacks, including:

Man in the Middle

Encrypt and secure data to ensure that hackers cannot intercept API transactions and gain access to confidential information.

Device Spoofing

Keep intruders from camouflaging themselves as legitimate client apps and entering your network through the front door.

SQL Injection

Weak mobile app security allows hackers to learn your APIs, priming them with the knowledge to carry out SQL injection attacks which subvert server logic and abuse APIs for unintended purposes.



Safeguard Sensitive User Data

- When APIs are left exposed and a data breach occurs, these attacks feel more personal to end users than they would if the event originated elsewhere.
- When users' applications are targeted and accessed by cybercriminals, the vulnerability reaches their own device as well as your network.
- API security safeguards customer trust and protects your business.

Keep Hackers Out of Backend Servers

- Weak API security provides an entry point for hackers to reach the heartbeat of your business – your backend servers.
- These servers store your valuable business secrets, which could cause major damage if they got into the wrong hands.
- It's critical to build strong API security to safeguard your intellectual property, revenue and reputation.

Address a Growing Vulnerability

- Traditionally, hackers have used phishing attacks to target weaknesses in network servers.
- However, as technology evolves and the traditional security perimeter shifts outward toward client devices, weak APIs are exploited at rapid rates.
- Verimatrix Application Shielding solutions inject powerful security into your apps to help prevent API attacks.

Unmatched Innovation

- Integrate automated security directly into your software build system.
- Rely on proven solutions that require minimal to no specialist security knowledge.

Verimatrix Tools for API Security



Code Shield

A hacker's first step in exploiting API vulnerabilities is to analyze your app code. With this on-premise solution, keep APIs secret and harden your mobile app by making it difficult for cybercriminals to understand how clients are communicating with your backend.



App Shield

This cloud service for Android and iOS automatically injects powerful security into your mobile app, removing the risk of human error and creating weak, unprotected areas. No specialist security knowledge is required for use and the solution can be implemented in a matter of minutes.



Monitoring

Our intelligent analytics platform provides real-time, in-depth analysis of the risk profile of your mobile apps. Performing early detection and alerting you when hackers attempt to attack your application. Verimatrix helps you understand the threat profile of your install base, drill down into the risk score of an individual app instance and ultimately mitigate risks before your ecosystem is compromised. Setup is easy with no-code integration to security monitoring.

About Verimatrix

Verimatrix (Euronext Paris: VMX) helps power the modern connected world with security made for people. We protect digital content, applications, and devices with intuitive, people-centered and frictionless security. Leading brands turn to Verimatrix to secure everything from premium movies and live streaming sports, to sensitive financial and healthcare data, to mission-critical mobile applications. We enable the trusted connections our customers depend on to deliver compelling content and experiences to millions of consumers around the world. Verimatrix helps partners get to market faster, scale easily, protect valuable revenue streams, and win new business. To learn more, visit www.verimatrix.com.

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