imperva

Advanced Bot Protection for Financial Services

DATASHEET

THALES
Building a future we can all trust

CYBERSECURITY

Protect your business against account takeover, transaction fraud, data theft, and API abuse

Banks today are much more likely to be robbed by an army of bots than a real-life bank robber. Whether your organization is a traditional bank or a FinTech startup, understanding bot activity within your network is crucial. Good bots must be enabled, bad bots must be blocked, and human traffic should be unaffected.

Advanced Bot Protection prevents real business problems.

- Thwart account takeover and payment card fraud
- Minimize customer frustration and support costs due to account lockouts and online fraud
- Satisfy regulatory, compliance, and data privacy mandates
- Safeguard personally identifiable information (PII)
- Block unauthorized vulnerability scanners
- Stop web scraping of proprietary data
- Identify and police third-party aggregation services

Compliance and industry regulation implications for bot Protection

In the United States, the Federal Financial Institutions Examination Council (FFIEC) assesses bank cybersecurity readiness. In the European Union (EU), the General Data Protection Regulation (GDPR) affects all businesses that transact with the EU market and regulates both data protection (data theft being the aim of much bot-driven crime) and the availability of financial services. Availability is also covered by the EU's revised Payment Services Directive (PSD2) which covers payment processing APIs.

KEY CAPABILITIES DISCOVERY

Block unauthorized vulnerability scanners

Stop web scraping of proprietary data

Thwart account takeover and payment card fraud

Satisfy regulatory, compliance, and data privacy mandates

Safeguard personally identifiable information (PII)

Identify and police third party aggregation services

Minimize customer frustration and support costs due to account lockouts and online fraud

The Industry-Recognized Leader

Forrester named Imperva's Advanced Bot Protection as a leader in bot management for two years running. No other provider brings a higher level of expertise and knowledge to bot protection. Our solution created the bot mitigation industry and our analysts are the most experienced at fighting bad bots.

Superior Technology

Imperva Advanced Bot Protection is the most comprehensive and mature detection a nd mitigation solution available today, covering the widest variety of evolving automated attacks.

- Hi-Def fingerprinting analyzes over 200 device attributes
- Deeper browser validation catches what other miss
- Bot detection leveraging both global and local machine learning models
- Real time updates leverage data from our global network
- Easily manage specific protection settings for each path
- Set custom response options by threat or path
- Comprehensive out of the box reporting

Exceptional Service

Imperva understands that any attack, at any time, is a threat to your business. That's why we tirelessly defend your business by securing the mission-critical applications and data upon which you rely. For every threat that requires your attention, we'll help you take effective action. Imperva provides dedicated support and response services, with analysts who work side by side with you each step of the way. When you're under attack, our team of experts is ready to go to battle.

IMPERVA APPLICATION SECURITY

Client-side Protection is a key component of Imperva's Web Application & API Protection (WAAP), which reduces risk while providing an optimal user experience. Our solutions safeguard applications on-premises and in the cloud with:

Web application firewall (WAF)

API Security

Distributed Denial of Service (DDoS) protection

Advanced Bot Protection

Account Tekaover Protection

Runtime Application Self Protection (RASP)

Actionable security insights

Security-enabled application delivery

Imperva is the cybersecurity leader that helps organizations protect critical applications, APIs, and data, anywhere, at scale, and with the highest ROI.