PerimeterX
Bot Defender™

Global cybercriminal syndicates are abusing your web site and mobile apps and APIs to attack your business. PerimeterX Bot Defender prevents automated attacks against your web properties, native mobile apps and APIs including account takeover attacks, account abuse, fraud, and exploitation of mobile API vulnerabilities.

PerimeterX Bot Defender defeats leading bot attack techniques including, but not limited to:

- **Content Scraping** - Stops automated bots from scraping price data and proprietary content
- **Account Takeover** - Prevents malicious bots from using credential stuffing and other techniques to take over legitimate user accounts
- **Checkout Abuse** - Stops bot attacks that deplete apparent inventory levels without executing purchase transactions or purchase limited availability items for resale
- **Marketing Fraud** - Ensures that affiliate and PPC activity is generated only by real user and not malicious bots
- **Mobile App Attacks** - Only allows genuine mobile apps and not emulators or automated control process are allowed to access your APIs
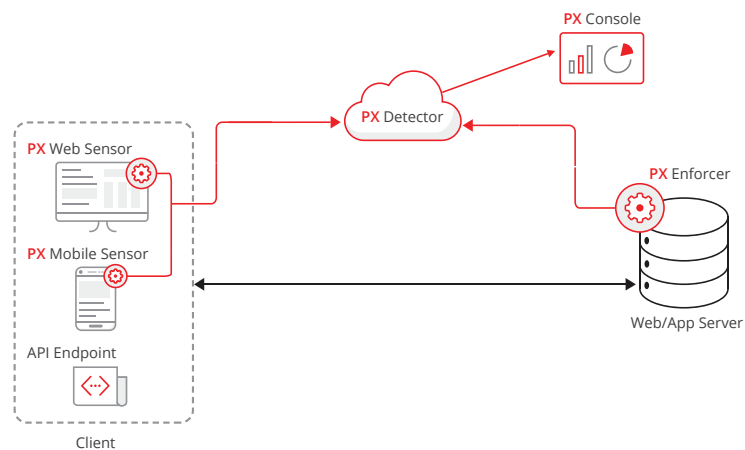
PerimeterX Differentiators

Unparalleled Accuracy

Rapid Deployment

Behaviour Based

PERIMETERX BOT DEFENDER ARCHITECTURE

The PX Sensors detect attempted abuse of web pages and mobile APIs and work in conjunction with the PX Detector and PX Enforcer to block or allow web or API access. All PerimeterX events and forensic reports appear on the PX Console.

PX Console

PX Detector

PX Web Sensor

PX Enforcer

PX Mobile Sensor

API Endpoint

Web/App Server

Client

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Website: www.secez.com

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PERIMETERX BOT DEFENDER ADVANTAGES

BOT DETECTION ACCURACY

PerimeterX has created a new approach to bot detection focused on dynamic behaviour profiles of real users based on mobile application and environment analysis. Unlike solutions based on legacy signature or fingerprint technologies, PerimeterX is able to accurately detect even the most sophisticated bot attacks in real time. By focusing on actual bot behaviour, Perimeter X is able to achieve superior levels of attack detection accuracy.

DEPLOYABILITY

PerimeterX can literally be deployed in a few hours due to the extensive integrations available. PerimeterX integrates with leading cloud infrastructure, SDK/Middleware, Load Balancer/Web Server, and Analytics tools. So whether your using the Google App Engine with Apache and Adobe Analytics or Salesforce Commerce Cloud with Java and adKernal, PerimeterX deploys quickly and reliably.

NATIVE COMPATIBILITY

PerimeterX Bot Defender is designed for high scalability and web scale performance. The PX Sensor is deployed as a JavaScript snippet or natively implemented via SDK in a mobile iOS or Android app with no need to rewrite anything or change application flow. It provides real time sensor data and enforcement via out-of-band communication with PerimeterX's cloud-based detection and enforcement platform.

SUPERIOR USER EXPERIENCE

PerimeterX bot detection is invisible to users and provides the best user experience and application performance while ensuring app integrity and security. PerimeterX blocks bots in real time with detection policies created by behavioural analytics that are being constantly refined by machine learning.

KEY FEATURES

DETECTION	• Machine learning based behavioural analytics engine • Accurate identification of Generation 1, 2, 3, and 4 bot technologies • Block/allow policies may be implemented per application class • Blacklist and whitelist apps and domains
SERVER SIDE INTEGRATIONS	• Cloud Infrastructure: Salesforce Commerce Cloud, Amazon Cloudfront, Google App Engine, fastly • SDK/Middleware: Java, Python, PHP, Ruby, ASP.NET, Node • Load Balancer/Web Server: Apache, NGINX, Kong, Varnish, F5 • Analytics: Adobe, adKernal, ironSource
CLIENT SIDE INTEGRATIONS	• JavaScript enabled web or mobile browser • IOS 8 and higher • Android 4.1 and higher
REPORTS	• Top malicious IPs, traffic patterns • Score breakdown, incident types • Top domains, top known bots • Breakout mobile vs web attack data • Export report as CSVz
FORENSICS	• Detailed analysis of malicious activities that demonstrate accuracy and compliance

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