HUMAN

HUMAN Bot Defender

Safeguard your websites, mobile applications and APIs from automated bot attacks

FORRESTER
WAVE
LEADER 2024
Bot Management
Software

Automated bots generate over 50% of the traffic to your website. While some bots are legitimate, such as search engine crawlers, the largest portion of this automated traffic comes from malicious bots that continue to increase in number and evolve in sophistication. These bots try to take over your users' accounts, scrape your content and pricing, abuse your payment services and manipulate inventory. In addition to being security threats, bots can also significantly affect operational costs and skew your business analytics which can lead to flawed decisions.

Bot Defender stops fraud loss and preserves customer trust and experience

| ACCOUNT TAKEOVER (ATO)	CARDING	DENIAL OF INVENTORY	WEB SCRAPING	SKEWED ANALYTICS

HUMAN Bot Defender

HUMAN Bot Defender is a behavior-based, machine-learning driven bot management solution that protects your websites, mobile applications and APIs from automated attacks. Bot Defender safeguards your online revenue, competitive edge and brand reputation.

Bot Defender provides the world's largest digital businesses with best-in-class bot protection. Detection is based on behavioral analytics, advanced machine learning techniques, predictive models and security research. Bot Defender blocks a wide range of automated attacks, preserving page load performance, and optimizing security resources and infrastructure costs.

If required, Bot Defender provides the Human Challenge, a user-friendly verification feature that protects against CAPTCHA-solving bots while maintaining a positive user experience.
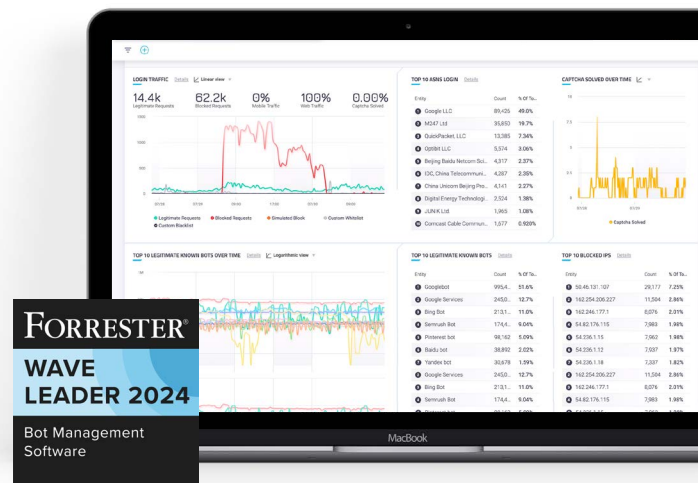
"the ultimate vendor with [an] amazing support team, great vision, and an ever-growing hunger for success."

— Customer reference from the Forrester Wave™: Bot Management, Q2 2022

Benefits for digital businesses

Reduce Risk

Maintain your brand reputation, avoid costs associated with bot-related security issues and increase your users' confidence and trust by stopping bot attacks.

Protect Your Revenue

Increase your customer loyalty, maintain your competitive edge, protect your SEO ranking and make better business decisions by effectively blocking malicious bots on your websites, mobile applications and APIs.

Improve Operational Efficiency

Enable your team to focus on innovation and growth, and save on resource consumption by blocking unwanted bot traffic at the edge and optimizing the use and performance of your web infrastructure.

How it Works

COLLECT
The sensor collects and sends hundreds of non-PII client-side indicators to the detector for precise determination of human versus bot activity.

DETECT
The machine-learning (ML) based detector continuously learns the normal range for human interactions and correlates it with customer-defined policies.

BLOCK
The enforcer tags and mitigates bot traffic according to threat response policies. The enforcer also continuously updates the detector with relevant data.

LEARN
The portal features advanced reporting and analysis capabilities to investigate attacks and create custom reports.

The HUMAN Advantage

Wide Range of Supported Use Cases
Effectively protects against a wide range of bot attacks

Reporting for Specific Audiences
Out of the box and custom reports for all stakeholders

Easy Integration with Your IT Stack
Open architecture with key SIEM and monitoring integrations

Minimal End User Friction
Innovative machine and human challenges

Enterprise Level Customer Service
24/7/365 proactive security services available

Powered by Modern Defense Strategy

HUMAN uses a modern defense strategy to safeguard organizations from bot attacks and fraud, increasing ROI and trust while decreasing customer friction, data contamination, and cybersecurity exposure. Bot Defender runs on the HUMAN Defense Platform, which powers an award-winning suite of application protection solutions enabling full visibility and control of your web and mobile applications and APIs.

Key Integrations

Edge Integrations (CDN, Cloud)
fastly   YOTTAA   CLOUDFLARE   amazon cloudfront
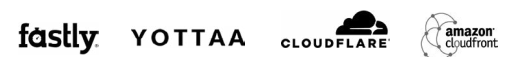
Application SDK/Middleware
node JS   Java   Ruby   GO   python

Load Balancers and Web Servers
APACHE   NGINX   CITRIX NetScaler   F5

Serverless and Cloud Frameworks

E-commerce Platforms
salesforce commerce cloud   Magento

About HUMAN

HUMAN is a cybersecurity company that protects organizations by disrupting bot attacks, digital fraud and abuse. We leverage modern defense to disrupt the economics of cybercrime by increasing the cost to cybercriminals while simultaneously reducing the cost of collective defense. Today we verify the humanity of more than 20 trillion digital interactions per week across advertising, marketing, e-commerce, government, education and enterprise security, putting us in a position to win against cybercriminals. To Know Who's Real, visit www.humansecurity.com. **To Know Who's Real, visit www.humansecurity.com.**