

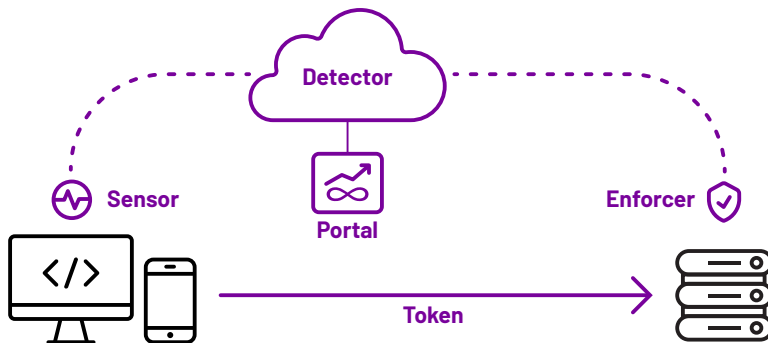


HUMAN Bot Defender for Okta Customer Identity

Detect and prevent automated digital attacks from abusing the features of your applications and compromising in-session users

As more and more digital organizations store information and value in online user accounts, automated account takeover (ATO) attacks are a significant threat. HUMAN researchers have found that up to 80% of login requests can originate from bad bots. Credential stuffing, brute forcing, and other automated ATO attacks can cause financial losses, damage brand reputation, and drive operational inefficiencies.

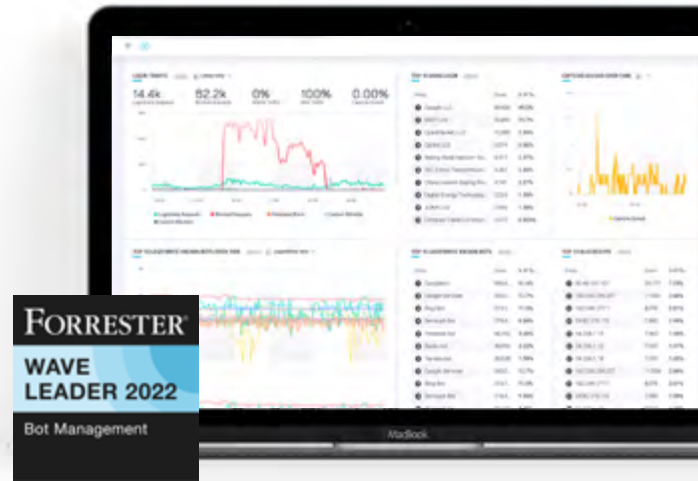
Organizations must protect user accounts, while also keeping user interruption to the minimum. HUMAN Bot Defender seamlessly integrates with Okta Customer Identity to detect and mitigate sophisticated bots with unmatched speed, scale, and precision. The solution deploys out-of-band and mitigates bots at the edge without adding another layer of in-line traffic processing, ensuring low latency.



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.



"HUMAN's integration with Okta Auth0 allowed us to seamlessly authenticate users and block bots without adding friction to the login process."

— Jeremy Duddy, Director of Software Engineering – Web Applications at Sweetwater

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.

Protect Your Revenue

Increase your customer loyalty, maintain your competitive edge, protect your SEO ranking, and make better business decisions.

Improve Operational Efficiency

Optimize the use of Okta Customer Identity and improve performance of your web infrastructure. Save on resource consumption and enable your team to focus on innovation and growth—not bots.

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.



AUTHORIZE

Okta Customer Identity uses password security, enforcement, strong encryption and flexible password policies to authorize and authenticate users.

The HUMAN Advantage

Easy to Deploy and Integrate with Okta

- Deploy the lightweight JavaScript Sensor quickly and easily with the Okta Sign-in Widget.
- Integrate Bot Defender with the Okta Risk Ecosystem API to enrich risk data in real time and prevent account takeover attacks.
- Utilize the 40+ pre-built Enforcer integrations that support a wide range of content delivery networks (CDNs), load balancers, web servers and application servers.

Low-latency Architecture

- Deploys out-of-band without adding another layer of in-line traffic processing.

Accuracy of Detection and Protection

- Detect bots with the cloud-based Detector that uses over 120 ML algorithms and 160 ML models.
- Customize mitigation across all channels: web, mobile and APIs.

Enterprise Level Customer Services

- HUMAN security experts serve as an extension of your team and are available 24/7/365 over dedicated Slack channels, email or phone.

Key Integrations

Application SDK/Middleware



Load Balancers and Web Servers



Serverless and Cloud Frameworks



E-commerce Platforms



About HUMAN

HUMAN is a cybersecurity company that protects organizations by disrupting 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. Protect your digital business with HUMAN. **To Know Who's Real, visit www.humansecurity.com.**