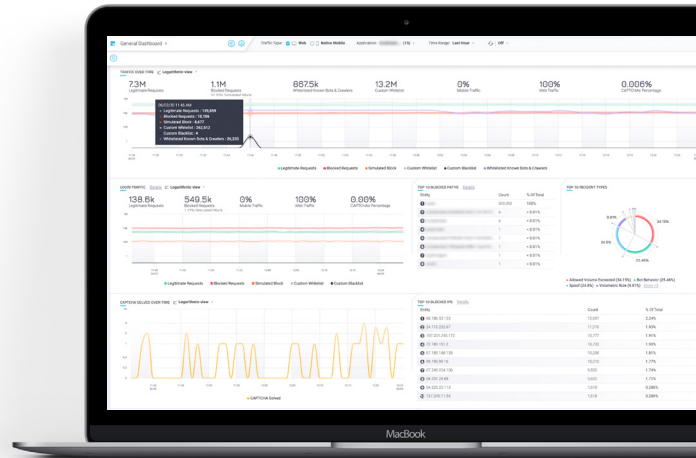




HUMAN Account Takeover Defense

Secure your organization against automated account takeover attacks.



Cybercriminals deploy automated bots to overwhelm organizations' login authentication processes and gain unauthorized access to users' accounts. Successful account takeover attacks (ATOs) give bad actors free rein to commit fraud within accounts. This can include:

- Theft of stored value/account balance
- Illicit credit card use
- Fraudulent credit applications
- Deployment of phishing emails
- Targeted information theft (PII)
- Infrastructure costs
- Opportunity cost of time spent investigating

HUMAN Account Takeover Defense

HUMAN Account Takeover Defense uses advanced machine learning and behavioral analysis to protect against sophisticated account takeover attacks. The solution detects and prevents account logins by bad bots, including automated credential stuffing and brute force/cracking attacks.

In addition, Account Takeover Defense flags and prevents logins using compromised credentials that have been harvested from data breaches or acquired on the dark web. The solution reduces your vulnerable attack surface by identifying stolen usernames/passwords and rendering them useless before attackers can use them to take over your consumers' accounts.

Bad bots are mitigated using automated threat response actions, including hard blocks, honeypots, misdirection, and deceptive content. This minimizes fraud losses, incident response costs, and impact on server performance.

"We seamlessly integrated HUMAN at our platform edge [AWS CloudFront] to ensure maximum protection against automated bot attacks, but also to minimize latency."

Alan Murray, Senior Director, Architecture at FanDuel

Benefits for digital businesses

Protect Account Authentication

Block automated credential stuffing and brute force attacks from getting past the login authentication process.

Stay Ahead of Attackers

Render compromised account credentials useless before cybercriminals can use them in an attack.

Minimize the Cost of an Attack

Automatically neutralize attempted attacks and spend less time investigating incidents.

How it Works



COLLECT

Non-PII client-side indicators to determine human versus bot activity are sourced. Compromised credentials from global and targeted attacks are collected.



DETECT

Machine learning algorithms analyze the normal range for human interactions. Attempts to use compromised credentials are flagged in real-time.



INTERVENE

Unwanted bot traffic is blocked. Login attempts with compromised credentials are stopped.



REPORT

The console features advanced investigation tools and reporting. Quickly understand incident data and share knowledge with template and custom reports.

The HUMAN Advantage

Block sophisticated bot attacks

HUMAN uses behavioral analysis and machine learning algorithms to detect advanced bots capable of evading traditional defenses.

Reduce the attack surface

Minimize the risk of attackers gaining a foothold by pre-emptively neutralizing compromised account credentials.

Respond to threats quickly

Automated response actions automatically neutralize malicious bot behavior.

Integrate fast

Integrate with edge services, SDKs, middleware, load balancers, cloud and e-commerce platforms.

Single pane of glass management

Manage all your HUMAN solutions from one console. It's easy to see key details, edit policies, and share knowledge.

Key Integrations

Edge Integrations (CDN, Cloud)



Application SDK/Middleware



Load Balancers and Web Servers



Serverless and Cloud Frameworks



E-commerce Platforms



Powered by the Human Defense Platform

HUMAN uses a modern defense strategy to safeguard organizations from digital attacks, fraud, and account abuse. Our solutions increase ROI and trust while decreasing customer friction, data contamination, and cybersecurity exposure. The Human Defense Platform powers an award-winning suite of application protection solutions enabling full visibility and control of your web and mobile applications and APIs.

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.