

Application Protection

Build a trusted application environment



Application Protection

HUMAN Application Protection, a component of the Human Defense Platform, enables organizations to ensure a trusted application environment protected from bad bot attacks, malicious code injections, and automated platform abuse. Using advanced machine and behavioral analysis, our technology identifies and mitigates web scraping, data contamination, transaction abuse, account takeover, and client-side threats with unparalleled accuracy.

HUMAN's tiered offerings allow customers to select one or multiple solutions to solve the challenges facing their web and mobile applications.



ACCOUNT TAKEOVER DEFENSE

Stop login bot attacks, such as credential stuffing and brute forcing



TRANSACTION ABUSE DEFENSE

Stop carding, gift card cracking, scalping, and inventory hoarding



CLIENT-SIDE DEFENSE

Prevent client-side attacks to enable browser script use without risk



SCRAPING DEFENSE

Mitigate scraping bots, while allowing known bots to proceed



DATA CONTAMINATION DEFENSE

Block fake website engagements and ensure accurate data



PCI COMPLIANCE

Simplify payment page script management in compliance with PCI DSS 4.0

HUMAN CUSTOMER

"Not only has HUMAN been invaluable at stopping automated bot attacks and helping us improve server performance, but it has also provided significant benefit to my security team, enabling them to spend far less time dealing with malicious bots and instead focus on other business critical areas."

CIO

belk

Key Capabilities



Unparalleled Accuracy:

Detects threats using behavioral analysis, 350+ machine learning algorithms, and real-time data from the world's largest fraud sensor network



Effective Decision Enforcement:

Responds to threats with custom mitigation actions that integrate with your workflow



Low Latency:

Blocks bots at the edge using out-of-band signals and validates 95% of users in under 2ms



Frictionless Experience for Real Humans:

Human Challenge is the most user-friendly human verification tool on the market



Single Pane of Glass Management:

Allows customers to see key details, edit policies, and generate out-of-the-box and custom reports for all stakeholders in a single console



Seamless Integrations:

Supports key integrations (CDN, cloud, SDK, etc.) via an open architecture

Benefits



ENSURE USERS ARE HUMAN

Stop automated scraping and transactions, show alternative content, and block fake interactions



OPTIMIZE RESOURCE EFFICIENCY

Prevent Application Layer DDoS attacks and minimize wasted infrastructure spend



MINIMIZE FRAUD LOSSES

Save response burden, prevent chargebacks, and avoid regulatory fines

The Human Advantage

Scale

We verify more than 20 trillion digital interactions weekly across 3 billion unique devices providing unrivaled threat telemetry.

Speed

Our Decision Engine examines 2,500+ signals per interaction, connecting disparate data to detect anomalies in mere milliseconds.

Decision Precision

Signals from across the customer journey are analyzed by 400+ algorithms and adaptive machine-learning models to enable high-fidelity decisioning.

HUMAN is a leading cybersecurity company committed to protecting the integrity of the digital world. We ensure that every digital interaction, transaction, and connection is authentic, secure, and human. HUMAN verifies 20 trillion digital interactions, providing unparalleled telemetry data to enable rapid, effective responses to the most sophisticated threats. Recognized by our customers as a G2 Leader, HUMAN continues to set the standard in cybersecurity. For more information, visit www.humansecurity.com