



Transaction Abuse Defense

Protect against fraudulent automated transactions

TRANSACTION ABUSE DEFENSE

Transaction Abuse Defense stops malicious automated transactions on your web and mobile applications and APIs. The solution uses advanced machine learning, behavioral analysis, and intelligent fingerprinting to identify malicious bots with exceptional accuracy. It then delivers optimal bot management, including hard blocks, honeypots, and misdirection. The solution lets known bots and crawlers proceed unimpeded and can show bots alternative content and pricing if desired.

Transaction Abuse Defense is part of Application Protection, a suite of solutions purpose-built to secure web and mobile applications from a range of cyberthreats.

WHAT WE SOLVE



CARDING



GIFT CARD CRACKING



SCALPING



INVENTORY HOARDING

“In just one hour of one day, if we had not had HUMAN in place, we would have seen about 34,000 hits on our backend payment processor. That’s about \$3,100 (in fees) in just an hour.”

SENIOR MANAGER OF INFORMATION SECURITY ARCHITECTURE AND ENGINEERING at Sally Beauty

BENEFITS



REDUCE CHARGEBACKS AND FINANCIAL LOSSES

Stop automated fraudulent transactions and block bad traffic before it reaches your payment fraud solution



PRESERVE CUSTOMER EXPERIENCE

Allow 95% of users to proceed in under 2ms with low-latency technology and user-friendly challenge



OPTIMIZE RESOURCES

Reduce bandwidth strain and wasted infrastructure spend, and save time manually responding to bots

HOW IT WORKS



COLLECT

hundreds of non-PII client-side indicators



DETECT

human vs. bot activity using machine learning models



MITIGATES

bot traffic according to customizable threat response policies



REPORTS

incident details in intuitive dashboards for easy investigation and analysis



OPTIMIZES

detections by continuously updating ML models with relevant data

KEY CAPABILITIES



Advanced detections based on behavioral analysis, intelligent fingerprinting, predictive models, and 400+ machine learning algorithms



Detailed dashboards display traffic over time, incident types, and details on IPs, known bots, and referrers



Mitigation responses via customer-specific policies to serve hard blocks, honeypots, misdirection, and alternative content/pricing



Incident analyzer enables users to investigate key details, such as blocked IPs, targeted pages, user agents and header referrers



Edge Sensor is your first line of defense to block malicious bots at the edge, the first time they visit your site



Human Challenge is HUMAN's proprietary verification challenge: a press-and-hold button that is only shown to 0.01% of users

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 trusted by the world's leading enterprises and internet platforms to prevent, detect, and respond to cyber attacks with unmatched scale, speed, and decision precision across their advertising, application, and account surfaces. Safeguard your customer journey end to end with complete confidence by consolidating with the Human Defense Platform.