

Scraping Defense

Protect your content from scraping

SCRAPING DEFENSE

Scraping Defense keeps automated bots off of your sites and out of your apps. The solution leverages machine learning, behavioral analysis, and intelligent fingerprinting to protect valuable content and contextual data from unauthorized repurposing.

Scraping Defense is a module within Application Protection, a suite of solutions on the Human Defense Platform that secure web and mobile applications from a range of cyberthreats.

WHAT WE DEFEND AGAINST



CONTENT SCRAPING



CONTEXTUAL DATA SCRAPING



UNAUTHORIZED CONTENT MONETIZATION



INFRASTRUCTURE STRAIN

“I would absolutely recommend HUMAN to any team that’s trying to battle bot traffic. The solution is invaluable in stopping the bots that can scrape or compromise our data. It minimizes false positives that can frustrate site users and waste our staff’s time and resources.”

*Head of Engineering,
Crunchbase*

BENEFITS



MAINTAIN CONTROL OF YOUR CONTENT

Stop bots from stealing your content and choose whether to block or display alternative content.



STOP UNAUTHORIZED CONTENT MONETIZATION

Keep fraudsters from using your content elsewhere and stealing your deserved revenue.



PROTECT CONTEXTUAL DATA

Prevent contextual targeting companies from selling your data without permission.

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



Precheck

is your first line of defense to block content scraping bots at the edge, before they land on your site even once



HUMAN-managed bots

enable you to monitor and control content scraping bots



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, user agents, and header referrers



Mitigation responses

via customer-specific policies to serve hard blocks, honeypots, misdirection, or alternative content



Incident analyzer

enables users to investigate key details, such as understanding why an IP was blocked and what content it was targeting

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.

About HUMAN

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. **To Know Who's Real, visit humansecurity.com.**