

# Scraping Defense

Protect against malicious web scraping

## HUMAN SCRAPING DEFENSE

HUMAN Scraping Defense stops web scraping bots on your web and mobile applications and APIs. The solution uses advanced machine learning, behavioral analysis, and intelligent fingerprinting to identify scraping 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.

Scraping Defense is part of HUMAN's Application Protection package, a set of solutions purpose-built to secure web and mobile applications from a range of cyberthreats.

## WHAT WE SOLVE



PRICE SCRAPING



WEBSITE SCRAPING



RESTRICTED CONTENT SCRAPING



INFRASTRUCTURE STRAIN



LAYER 7 DDOS ATTACKS



SKEWED PLATFORM ANALYTICS

**“The solution is invaluable in stopping the bots that can scrape or compromise our data. At the same time, the solution minimizes the false positives that can frustrate site users and waste our staff’s time and resources.”**

**ROBERT CONRAD**, Head of Engineering at Crunchbase

## BENEFITS



### KEEP YOUR COMPETITIVE EDGE

Stop bots from stealing your content and pricing to repost, resell, or undercut your business



### GAIN VISIBILITY AND CONTROL

Get insight into bot visitors and choose whether to block, allow, or display alternative content



### 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

Optimizes detections by continuously updating ML models with relevant data

## KEY CAPABILITIES



### Precheck

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



### HUMAN-managed bots

enable you to monitor and control scraping bots



### Advanced Detections

based on behavioral analysis, intelligent fingerprinting, predictive models, and 350+ 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, and alternative content/pricing



### Incident analyzer

enables users to investigate key details, such as understanding why an IP was blocked and which pages 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](https://humansecurity.com).**