HUMAN

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 Global Media Publisher*

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 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

Edge Sensor
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.

*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***