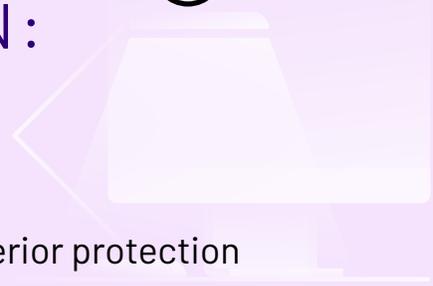


APPLICATION PROTECTION: A SPECIALIST BOT MANAGEMENT SOLUTION



How HUMAN works with your CDN/WAF to provide superior protection

Specialist bot management solutions offer advanced detection, mitigation, and reporting capabilities to protect against sophisticated bots, which CDN/WAF add-on tools often lack. HUMAN integrates directly with your CDN provider as a standalone solution or extra layer of defense to the tool provided by your CDN/WAF vendor.

	HUMAN	CDN/WAF ADD-ON
DETECTION AND REAL TIME ADAPTATION	Advanced and customizable Detects and mitigates the most sophisticated bots and protects against evolving threats	Off-the-shelf "Good enough" for simple bot attacks, but not suitable to defend against evolving sophisticated bots
DEDICATED SUPPORT	Available if you need it 24/7 or 24/5 flexible support via Slack, email, or phone	Limited Limited support availability and responsiveness
GRANULAR CONTROL AND CUSTOMIZATION	HUMAN-managed Continuously optimizes risk threshold and scoring to ensure ongoing bot mitigation with low false positives	Customer-managed Customers manage limited advanced configurations, adjust scoring thresholds, and maintain rules and policies
DASHBOARDS AND REPORTING	Comprehensive Highlights incident details in out-of-the-box dashboards attack type dashboards and customizable reports for key stakeholders	Simple Less intuitive and customizable, and lacks out-of-the-box reports for non-security stakeholders
MOBILE DETECTION	Mobile SDK Mitigates bot traffic on mobile devices and enforces additional detections without hard blocking	Often no mobile SDK Without an SDK, any suspicious mobile traffic is hard blocked, which leads to false positives
VERIFICATION CHALLENGE	Low-friction Offers several scenario-optimized, low-friction challenges, including: Human Challenge and Precheck	Higher friction Typically relies on reCAPTCHA, which is <u>up to 6x slower</u> than Human Challenge and has a 3-5x higher abandonment rate
MULTI-CDN STRATEGIES	Supported Integrates with Cloudflare, AWS Cloudfront, and Fastly CDNs, among others	Not supported Only work with one CDN and do not support multi-CDN strategies

Specialist or add-on: Which solution is right for you?

Here are some questions to consider in order to help determine which one is right for you:



Do you have dedicated adversaries?

Add-on solutions can be sufficient to mitigate common, one-and-done attacks. However, if your application is targeted by sophisticated adversaries, you will need a specialist solution like HUMAN that tracks and adapts to specific threats and optimizes response policies to ensure precise mitigation as attackers evolve their methods. Furthermore, HUMAN's dedicated support and detailed dashboards support investigation and analysis of advanced threats.



Do you have a mobile app?

CDN/WAF add-ons often do not have mobile SDKs. This means that they can either allow all suspicious traffic tagged as mobile (potentially allowing fraudulent traffic through) or hard block all suspicious mobile traffic (increasing false positives). HUMAN's mobile SDK enables you to serve low-friction verification challenges to risky profiles, without hard blocking. If you have a mobile app, it is critical for your bot management solution to have a mobile SDK.



Will you require custom configurations or ongoing tuning?

Because they originate from your CDN/WAF vendor, add-on solutions are easier to spin up fewer resources. However, using such turnkey solutions means that your team is 100% responsible for managing any custom configurations or ongoing maintenance of rules and policies. Threats are constantly evolving, so it is important to consider whether you have the internal resources available to monitor and maintain your controls consistently.

HUMAN Application Protection

Application Protection is a specialist bot management solution that defends against sophisticated bot attacks on websites, mobile applications, and APIs. The solution uses behavioral analysis, intelligent fingerprinting, and 400+ advanced machine learning algorithms to detect and mitigate account takeover, web scraping, transaction abuse, and data contamination with unparalleled accuracy.

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.