⦾ HUMAN

HUMAN Bot Threat Feed

Elevate Cyber Defense with Real-Time Bot
Detection Across 3 Billion Devices

HUMAN detected and took action against **more than 352 billion cyberattacks** in the last 12 months.

Nation-states, hackers, cybercriminals and rogue actors increasingly use sophisticated bots as weapons against digital infrastructure. HUMAN's Bot Threat Feed provides the public sector with **net new signal** for optimization of monitoring capabilities, covering **3 billion devices and over 20 trillion interactions** each week. Bot Threat Feed is a crucial tool for identifying and countering widespread cyber threats, underscoring the critical need to **bolster cyber defenses** to protect national security and maintain public trust.

Use Cases

COMPROMISED DEVICES

- **Detection:** Identifies command & control communications and compromised machine activities in real-time.
- **Response:** Prioritizes threats for swift neutralization based on automated risk scoring.
- **Insight:** Provides real-time IoCs for immediate defense enhancement.

INFRASTRUCTURE SECURITY

- **Surveillance:** Perpetual monitoring against bot reconnaissance & attacks on key services.
- **Classification:** Key Indicators, e.g. anomalous device behavior informs threat priority for immediate defensive measures.
- **Timeliness:** Ongoing bot activity telemetry supports evolution of protective measures.

DEFENSE ENHANCEMENT

- **Posture:** Continuous bot surveillance safeguards both classified and unclassified military assets.
- **Assessment:** IPs classified by bot threat level to focus defense efforts
- **Intelligence:** Real-time telemetry access ensures a strategic advantage over adversarial attack.

COMBAT AI-DRIVEN THREATS

- **Detection:** Identifies AI threats in real-time, targeting disinformation and malvertising.
- **Response:** Categorizes threat levels for prompt mitigation.
- **Insight:** Offers immediate access to indicators, enhancing readiness.

Bot Threat Feed - Empower Zero Trust / Enhance Mission Capability

HUMAN's Bot Threat Feed strengthens Zero Trust security frameworks by leveraging real-time insights from a vast network of **over 3 billion devices and over 20 trillion interactions** globally each week. This integration not only enriches defenses with essential new data and insights but is also pivotal for **early detection and neutralization of sophisticated threats**. By converting a substantial volume of global interactions into instantly actionable intelligence, HUMAN significantly **accelerates security operations to mission-critical speeds**, ensuring that security teams and agencies not merely keep pace but **stay a step ahead of cyber adversaries**. This fortifies Zero Trust architectures with **robust, precise defenses** against today's dynamic cyber threats.

How it Works

Collect
HUMAN Security's leverages 2500+ clientside signals from 4.5 billion devices to distinguish between 'human' and AI-driven bot behaviors effectively.

Decide
HUMAN's real-time decision engine utilizes these signals, combined with machine learning, to swiftly and accurately identify automated attacks ensuring precise decision-making.

Prevent
Based on the informed decisions, targeted countermeasures, including 'block' and 'allow,' are deployed to counteract bots & AI driven threats dynamically.
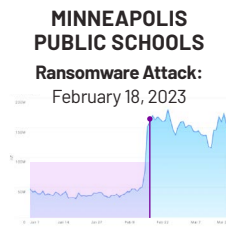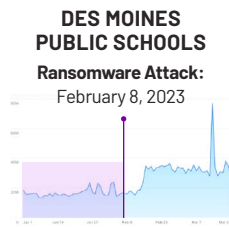
Deliver
Immediate delivery on AI threats, using insights from the vast array of client-side signals, is made accessible via the Botnet Threat Feed API and other key integrations.

Preemptively Neutralizing Sophisticated Threats

HUMAN's bot observability advantage enabled us to observe ransomware attacks as they happened — from the outside looking in.

CITY OF OAKLAND
Ransomware Attack:
February 8, 2023

DES MOINES PUBLIC SCHOOLS
Ransomware Attack:
February 8, 2023

MINNEAPOLIS PUBLIC SCHOOLS
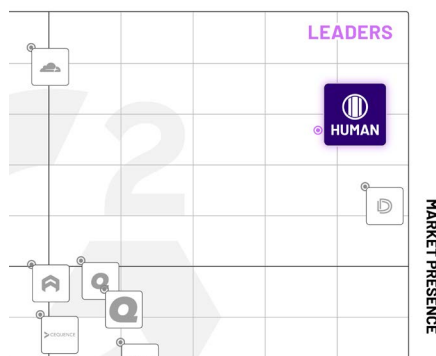**Ransomware Attack:**
February 18, 2023

Customers and Analysts Agree

HUMAN has been named a leader in the Forrester Wave for Bot Management Q3 2024 and by our customers in the G2 Summer grid 2024 for Bot Detection and Mitigation.

THE FORRESTER WAVE™
Bot Management Software

G2 Grid®

Key Integrations

HUMAN supports integrations with key **Threat Intelligence Platforms, SIEM & SOAR platforms** such as...

ANOMALI

opentext™

AT&T Cybersecurity

DATADOG

Trellix

Mandiant

splunk>

SWIMLANE

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.