

HUMAN Safeguards Federal Civilian Agencies

Protect citizens' online journey

Federal civilian agencies face significant cybersecurity challenges in protecting citizens' online journeys. The NIST CyberSecurity Framework (NIST CSF) provides valuable best practices for this. The Human Defense Platform offers federal civilian agencies a powerful tool to align with the NIST CSF, bolster citizen trust, and confidently safeguard legitimate interactions.

Account Takeover attacks make up **more than 20%** of all login requests.¹

INDUSTRY CHALLENGES	HUMAN SOLUTION	
Fraudsters gaining unauthorized access to citizens' accounts	ACCOUNT TAKEOVER DEFENSE	Stop login bot attacks, such as credential stuffing and brute forcing
Fake accounts created and used to commit fraud targeting relief funds	FAKE ACCOUNT DEFENSE	Neutralize fake accounts created by fraudsters to abuse apps and websites
Automated scraping of confidential information	SCRAPING DEFENSE	Mitigate scraping bots, while allowing known good bots to proceed
Fraudsters draining account balances or making purchases with stored payment cards	COMPROMISED ACCOUNT DEFENSE	Remediate accounts that bad actors have compromised
Security analysts lack visibility into bot-based threats	BOT THREAT FEED	Detects cyber threats and ensures the privacy and safety of their educational communities
Skimming of citizens' payment data at checkout forms	CLIENT-SIDE DEFENSE	Prevent client-side supply chain attacks, such as Magecart, formjacking, and malicious redirects
Payment page compliance with new PCI DSS 4.0 requirements	PCI DSS COMPLIANCE	Simplify payment page script management in compliance with PCI DSS 4.0

¹HUMAN Security - The Quadrillion Report: 2024 Cyberthreat Benchmarks

Compliance with NIST Cybersecurity Framework

Identify (Governance and Risk Assessment)

The Human Defense Platform will identify malicious bots, pages, or scripts running in a client or citizen-facing account or application.

Protect (Data Security and Protective Technology)

Using HUMAN, sites can be protected from bots, malicious users, or misconfigured script data leakage. 400+ algorithms and adaptive machine-learning models analyze signals from across the user journey to enable high-fidelity decisioning, blocking malicious actions, enabling trust in every interaction.

Detect (Anomalies and Events, Security Continuous Monitoring, Detection)

The Human Decision Engine verifies 20+ trillion interactions every week and assesses 3+ billion devices monthly. This large data set enables HUMAN to detect bots and malicious traffic at your site or application, allowing additional security auditing/control.

Respond (Analysis, Mitigation, Improvement)

HUMAN will provide indicators of an attack or potential site breach, such as fake accounts, and tools to block and investigate a malicious actor. In addition, any credentials that were compromised or used during an attack can be identified and added to increase the ability to identify.

Recover (Improvement, Communication)

With the threat found and responded to, the indicator of the danger and compromises are added to the decision engine to improve detection. Impacted clients can be informed to update their or their client's credentials as needed.

Differentiators



Preserve Citizens Online Experience

Low latency enforcer blocks bots at the edge using out-of-band signals and validates 95% of users in under 2ms



Frictionless for Real Humans

User-friendly verification challenge is only shown to 0.01% of human visitors, so the citizen journey isn't interrupted



Unparalleled Accuracy

Detect threats using behavioral analysis, and 400+ machine learning algorithms; respond to threats with range of mitigation actions



Block Bots the First Time

Precheck blocks bots on the first request, so bad actors can't access or scrape a single page

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