



HUMAN Compliance and Supply Chain Defense

Protect your digital supply chain and enable regulatory compliance

Almost 70% of the scripts on a typical website come from a third-party or an open source library. Many of these scripts run on the client side, which speeds up website performance and enriches the user experience. Unfortunately, this also creates a major cybersecurity blind spot. Client-side scripts fall outside the purview of typical security controls like a web application firewall (WAF), meaning website owners often lack visibility in their behavior.

In client-side supply chain attacks, cybercriminals inject malicious code into client-side scripts to steal your users' credit card numbers and other personally identifiable information (PII). This leaves you exposed to lawsuits and compliance penalties, brand damage, and loss of revenue. Lack of real-time visibility and control over client-side script behavior is among the most serious security threats to online businesses today.

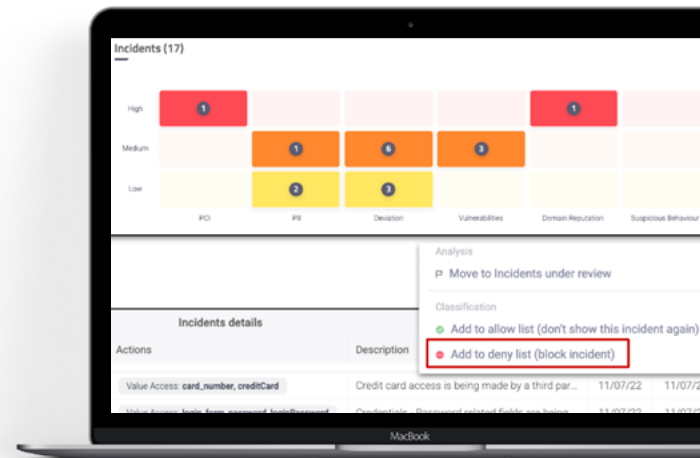
HUMAN Compliance and Supply Chain Defense

HUMAN provides comprehensive real-time visibility and granular control into your modern website's client-side supply chain attack surface.

Using behavioral analysis and advanced machine learning, HUMAN identifies vulnerabilities and anomalous behavior. The solution provides full visibility into the scripts running on your site, including how they are interacting, additional scripts they are using and any exposure details. These insights identify high-risk PII, PCI and vulnerability incidents so response teams can act fast.

HUMAN provides comprehensive client-side mitigation, partnering granular control over legitimate JavaScript with Content Security Policy (CSP) mitigation capabilities. This multilayered protection lets security teams choose how to mitigate risk: they can block unwanted scripts entirely or only block specific actions in a script without disabling the full script.

Unlike other solutions that rely only on manual code reviews or external scanners, HUMAN continuously monitors and analyzes the behavior of all client-side scripts in real users' browsers. The solution runs 24/7/365, giving security operations teams real time visibility and control over all downstream client-side risks and freeing up application development teams to focus on innovation.



“The solution pays for itself by reducing our risk from client-side data breaches and helping avoid fines and the subsequent negative impact to our brand.”

CISO, Top 5 Global Airline

Benefits for Digital Businesses

Protection from Supply Chain Data Breaches

- Extend coverage to the client-side of the website attack surface
- Detect and prevent client-side supply chain attacks on your website

Maintain Compliance with Privacy and Financial Regulations

- Ensure security of sensitive customer data and PII and PCI data entered on your website
- Maintain compliance with data privacy regulations like GDPR and CCPA

Improve Operational Efficiency

- 24/7 real-time visibility and granular control over the behavior of all JavaScript on your website
- Respond fast with comprehensive mitigation and actionable insights
- Eliminate complex pre-configuration of policies

How it Works



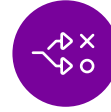
COLLECT

The JavaScript Sensor collects activity signals from the client-side browser to profile the behavior of every script.



ANALYZE

The cloud-based Detector analyzes behavior and threat intelligence data to automatically detect and classify incidents.



MITIGATE

The out-of-band Enforcer works with your web server or CDN to provide granular control and comprehensive mitigation.

The HUMAN Advantage

Multi-layered Protection

- Comprehensive Real-time Visibility into Client-side Supply Chain - Gain real-time visibility into first-, third- and Nth-party scripts, and detect unauthorized PII access, data exfiltration events, and known script vulnerabilities.
- Client-side Mitigation - Gain granular control over legitimate JavaScript to block specific actions without blocking the entire script, enabling enforcement of PCI and compliance with privacy regulations.

Behavior-based Learning

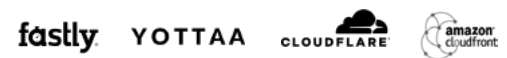
- Leverage advanced machine learning models that automatically learn, inventory, and baseline all script activity on your web pages.
- Automate CSP management using an out-of-band Enforcer integrated with your CDN or origin server.

Easy to Manage

- Actionable dashboards offer an at-a-glance overview and help quickly identify the high-risk PII, PCI, and vulnerability incidents that response teams should prioritize.
- Simple rules creation allows immediate enforcement to mitigate unwanted script behavior.

Key Integrations

Edge Integrations (CDN, Cloud)



Application SDK/Middleware



Load Balancers and Web Servers



Serverless and Cloud Frameworks



E-commerce Platforms



Powered by the Human Defense Platform

HUMAN uses a modern defense strategy to safeguard organizations from digital supply chain attacks and fraud, increasing ROI and trust while decreasing customer friction, and cybersecurity exposure. The HUMAN Defense Platform powers an award-winning suite of application protection solutions enabling full visibility and controls of data provided to third party applications running on websites or mobile applications.

About HUMAN

HUMAN is a cybersecurity company that safeguards 1,200+ brands from digital attacks including bots, fraud and account abuse. We leverage modern defense to disrupt the economics of cybercrime by increasing the cost to cybercriminals while simultaneously reducing the cost of collective defense. Today we verify the humanity of more than 20 trillion digital interactions per week across advertising, marketing, e-commerce, government, education and enterprise security, putting us in a position to win against cybercriminals. Protect your digital business with HUMAN.

To Know Who's Real, visit www.humansecurity.com.