

Client-side Defense

Safely benefit from browser scripts

Easily Enable Browser Script Value

Client-side Defense provides complete visibility and control over the client-side scripts on an application. The solution runs in every consumer browser to identify all client-side code and provide deep insight into scripts' behavior. It protects sensitive data from unauthorized access by enforcing automated policies, detects suspicious activity, responds to mitigate malicious behavior without interrupting the website's operation, and simplifies compliance with privacy regulations and PCI DSS.

Client-side Defense addresses:



CLIENT-SIDE SUPPLY CHAIN ATTACKS

- DIGITAL SKIMMING (MAGECART)
- FORMJACKING
- MALICIOUS REDIRECTS



PRIVACY VIOLATIONS BY THIRD-PARTY VENDORS ACCESSING PII



COMPLIANCE RISKS AND COMPLEXITY

"We wanted to find the anomalies and changes in our client-side scripts. HUMAN's behavioral analysis solution greatly simplifies this process. It helps us identify the known risks to our website and enables us to mitigate those risks."

**SENIOR MANAGER OF
INFORMATION SECURITY
ARCHITECTURE AND
ENGINEERING
AT SALLY BEAUTY**

Benefits



GET COMPLETE VISIBILITY

See all client-side 1st- and Nth-party script behavior, including vulnerabilities, risky actions, security incidents, and cookies



PROTECT AND ENABLE YOUR BUSINESS

Automate policies to surgically prevent risky script actions, such as reading payment data, without disrupting the scripts' business value



SIMPLIFY AND MAINTAIN COMPLIANCE

Streamline compliance with security and privacy standards and regulations, such as PCI DSS 4.0, NIST CSF, GDPR, and HIPAA

How It Works



COLLECTS

script activity signals via a javascript sensor running in your real consumers' browsers to auto-inventory sensitive fields, scripts and script actions, domains, cookies, and more



DETECTS

risky and anomalous script behaviors, security and privacy vulnerabilities, HTTP security header modifications, and risk-scored incidents



BLOCKS

risky or malicious script activity based on your proactive automated policies, without interrupting the business value of legitimate scripts

Key Capabilities



Easy deployment by embedding a single line of javascript code into your website



Script analyzer provides deep insight into each script's provenance and DOM, storage, and network actions to inform mitigation decisions



Auto-inventory scripts and script actions (including domains, cookies, and more), and get real-time incident alerts



Audit reports are generated on-demand to highlight security and privacy posture, including compliance with PCI DSS requirements 6.4.3 and 11.6.1



Policy rules enable proactive mitigation, such as blocking entire scripts/domains, surgically restricting access to sensitive form fields, and denying undesired cookies



API and out-of-the box integrations with common tools and apps (e.g. messaging, ticket management, SIEM) to adapt to your workflows

The Human Advantage

Detection without Blindspots

We verify over 20 trillion interactions weekly across 3 billion devices, connecting global dots to reveal threats others miss across the customer journey.

Intelligence at the Core

Satori isn't just threat intel, it's a team on the front lines. From uncovering global fraud rings to surfacing new attack patterns, every HUMAN decision is powered by real-time insights.

Precision that Performs

>2,500+ signals per interaction. 400+ adaptive models. Decisions in milliseconds. HUMAN turns massive telemetry into high-fidelity decisions you can trust.

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