

# PCI DSS Compliance by Client-side Defense

Simplify compliance with PCI DSS 4 requirements 6.4.3 and 11.6.1 and confirm that your site is not susceptible to attacks from scripts

## PCI DSS Compliance by Client-side Defense

Simplify payment page protection and compliance with PCI DSS 4 requirements 6.4.3 and 11.6.1 and confirm that your site is not susceptible to attacks from scripts. Deploy a single line of JavaScript to automatically receive a comprehensive risk-scored script inventory, a simple method to authorize, justify, and assure the integrity of scripts, and generate on-demand audit reports. The solution alerts on unauthorized changes to scripts and HTTP headers, enables investigation of risky script behavior, and allows blocking risky behavior.

PCI DSS Compliance by Client-side Defense is part of Application Protection, a suite of solutions purpose-built to secure web and mobile applications from a range of cyberthreats.

## The primary components of PCI DSS that HUMAN addresses



### REQUIREMENT 6.4.3

Inventory, authorize, justify, and assure the integrity of all client-side payment page scripts



### REQUIREMENT 11.6.1

Alert to unauthorized modification to the HTTP headers as received by the consumer browser



### SAQ A ELIGIBILITY

Protect against attacks from scripts that could compromise merchants' e-commerce systems

**“HUMAN is a fantastic solution for managing business critical scripts and addressing the new PCI DSS 4 requirements (6.4.3 & 11.6.1) with ease. It not only adds another layer of defense to our overall security posture, but also helps my team prioritize and reduces the need for time-intensive manual investigations and record-keeping activities.”**

*Senior Security Developer,  
InfoSec Team, PRICELINE*

**priceline®**

## Benefits



### STREAMLINE PAYMENT PAGE SCRIPT AND HEADER MANAGEMENT

Auto-inventory client-side scripts, enable authorization and justification, assure integrity, alert to HTTP header changes, and get audit reports



### CONFIRM YOUR SITE IS NOT SUSCEPTIBLE TO ATTACKS FROM SCRIPTS

Gain visibility and control of script behavior, leverage deep insight, and precision-block risky script actions



### SAFELY BENEFIT FROM BROWSER SCRIPTS

Set proactive policies to surgically control scripts' risky behavior without interrupting their business value

## How It Works



### PROTECT

The HUMAN Sensor automatically inventories pages and scripts, assures integrity, enables authorization and justification, and blocks undesired cardholder data access (6.4.3).



### DETECT

The HUMAN Sensor runs in your real consumers' browsers to alert to unauthorized modifications to the HTTP headers and the contents of payment pages (11.6.1).



### MITIGATE

HUMAN surgically blocks risky or malicious script activity based on proactive automated policies, without interrupting the business value of legitimate scripts.



### COMPLY

The cloud backend and UI track your progress towards compliance, aggregate all compliance tasks, and provide on-demand audit reports

## Key Capabilities



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



**Policy rules automate script authorization workflows** and enable proactive precision mitigation of risky script behaviors, such as cardholder data access



**Auto-generated script inventory** enables justification, authorization, and assured integrity of all payment page scripts and alerts on HTTP header modifications



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



**Detailed management console** shows current PCI DSS compliance status and generates audit reports on-demand



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

## 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](http://www.humansecurity.com)*