This top 5 global airline is one of the largest airlines in the world. The company offers passenger and cargo services to over 200 destinations in Asia, North America, Australia, Europe, and Africa.

**Problem**

This global airline used open source libraries and third-party code to build its website. The security team lacked visibility into the behavior of this code, especially on the client side, which made it very difficult to catch and fix script vulnerabilities. If vulnerabilities went unchecked, cybercriminals could exploit them to conduct digital skimming and Magecart attacks that captured users' credit card numbers, CVV codes, and other sensitive PII.

The airline had seen numerous high-profile Magecart attacks in the news, including an attack in 2018 on British Airways that resulted in some 380,000 users' credit card details stolen and more than $20 million in fines for regulatory noncompliance. Airlines are a popular target for client-side attacks, which can cause significant financial losses and damage to brand reputation. This airline knew it needed a solution to protect itself and its customers.
Solution

The airline needed a real-time client-side security solution that could detect risks in first-, third- and nth-party code across on their site. They realized that static scanning alone would be ineffective in finding and stopping client-side attacks, and a content security policy (CSP) solution would be too complex to manage.

After evaluating multiple solutions, the airline selected HUMAN Code Defender to protect their website from digital skimming, formjacking and Magecart attacks and help ensure data privacy compliance. There were several factors in their decision:

- 24/7/365 SCRIPT MONITORING
- COMPREHENSIVE CLIENT-SIDE MITIGATION
- EASY TO DEPLOY AND INTEGRATE
- BEHAVIOR-BASED LEARNING
- NO IMPACT TO USER EXPERIENCE
- ACTIONABLE INSIGHTS

Results

Code Defender helped the airline safeguard customer data by providing continuous protection against client-side attacks. This has resulted in several key benefits:

- Reduces risk of unauthorized data exposure and theft
- Protects brand reputation and consumer trust
- Helps avoid penalties and lawsuits by ensuring compliance with data privacy regulations, including GDPR, PCI DSS, CCPA, and CPRA
- Improves operational efficiencies by eliminating the manual analysis of website scripts
- Encourages innovation by making security an enabler—rather than a bottleneck—in its application development process

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

— CISO, Top 5 Global Airline

About Us

HUMAN is a cybersecurity company that safeguards 500+ customers from sophisticated bot attacks, fraud and account abuse. We leverage modern defense—internet visibility, network effect, and disruptions—to enable our customers to increase ROI and trust while decreasing end-user friction, data contamination, and cybersecurity exposure. Today we verify the humanity of more than 15 trillion 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.