

# HUMAN for Financial Services

Prevent financial losses caused by cyberthreats

In the financial services sector, cybersecurity is not just an option—it's a necessity. With the ever-increasing sophistication of cyber threats, protecting sensitive financial data, customer information, and transactional integrity is paramount.

Secure your customer's financial journey from account registration through to entrusting their sensitive data and funds.

Nearly  
**99%**

of web traffic to financial services login and payment pages in 2023 were attempting to break into user accounts or steal data<sup>1</sup>

INDUSTRY CHALLENGES	HUMAN SOLUTION	
<b>Fraudsters gaining unauthorized access to user accounts</b>	ACCOUNT TAKEOVER DEFENSE	Stop login bot attacks, such as credential stuffing and brute forcing
<b>Fraudsters draining account balances or stealing sensitive customer data</b>	COMPROMISED ACCOUNT DEFENSE	Remediate accounts that have been compromised by bad actors
<b>Fake accounts used to test stolen credit cards, apply for credit or abuse promotional offers</b>	FAKE ACCOUNT DEFENSE	Neutralize fake accounts created by fraudsters to abuse apps and websites
<b>Skimming of users' data from web forms</b>	CLIENT-SIDE DEFENSE	Prevent client-side supply chain attacks, such as Magecart, formjacking, and malicious redirects
<b>Compliance with PCI DSS 4.0's consumer browser requirements</b>	PCI DSS COMPLIANCE	Simplify payment page script management in compliance with PCI DSS 4.0
<b>Bot-led fraudulent transactions on payment pages</b>	TRANSACTION ABUSE DEFENSE	Minimize bot-led fraudulent transactions such as carding and card cracking attacks
<b>Automated app and sensitive data scraping</b>	SCRAPING DEFENSE	Mitigate scraping bots, while allowing known bots to proceed

<sup>1</sup>HUMAN Security - The Quadrillion Report: 2024 Cyberthreat Benchmarks

# Case Study

## Challenge

At a top regional bank, almost 70% of login attempts on the bank's website were from malicious bots.

## Solution

The organization implemented HUMAN to block automated account takeover attacks and improve performance during peak periods.

## Result

In the first 72 hours, HUMAN accurately identified and blocked 11.7 million malicious page views, 74.7% of total page views.

**"We have been able to precisely detect and block even sophisticated bots that emulated human behavior, bringing the false positive rate below 0.01%. The solution significantly reduced the amount of time that our team was spending on automated fraud."**

— CISO at Top Regional Bank

## Key Capabilities



### Unparalleled Accuracy

Detect threats using behavioral analysis, 400+ machine learning algorithms, and real-time data from the world's largest fraud sensor network



### Auto-inventory Scripts and Script Actions

Get real-time incident alerts, deep insight into each script's provenance and enable proactive mitigation actions



### Effective Decision Enforcement

Respond to threats with custom mitigation actions that integrate with your workflow



### Mobile SDK and Integrations

Open architecture supports CDN, cloud, SDK, SIEM, CIAM, ticketing, and monitoring integrations with your IT stack



### Monitor the Account Lifecycle

Secure accounts from registration through post-login account usage, identifying unwanted and suspicious activity wherever it occurs



### Single Pane of Glass Management

Access a single console to see key details, edit policies, and generate out-of-the-box and custom reports for all stakeholders

## 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)*