HUMAN

Application Protection Case Study

Leading mobile gaming company blocks account takeover attacks and fake accounts

This innovative sports-tech entertainment company is changing the way consumers engage with their favorite sports, teams and leagues. The organization's portfolio includes products for sports betting, casino, daily fantasy sports and horse racing. A premier gaming destination in the United States, it has **more than 12 million customers and a sports betting presence in 50 states.**

Problem

The customer experienced unprecedented growth in 2018 following a US Supreme Court ruling that allowed wagers on professional sporting events in the United States. As the company's popularity and product portfolio grew, it became a large target for account takeover (ATO) attacks where they experienced up to 10 million malicious login attempts per day, as well as fake accounts created to exploit new customer sign up bonuses. Although they originally explored a homegrown solution, the organization ultimately pivoted to consider vendor offerings instead.

> **"We seamlessly integrated HUMAN at our platform edge [AWS CloudFront] to ensure maximum protection against automated bot attacks, but also to minimize latency."**
>
> — Senior Director, Architecture

Solution

The company implemented Account Protection for its ability to protect against the volume of attacks and fake account creations its platform had to endure. In addition, HUMAN delivered the following benefits that allowed this customer to mitigate ATO attacks and fraud without sacrificing their users' online experience:

Accurate bot protection based on behavioral analytics, advanced machine learning techniques and predictive models that blocks a wide range of automated attacks

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Seamless integration with AWS CloudFront allowed alignment with HUMAN via an edge Lambda function, preserving page load performance and ensuring low latency

Improved efficiency and optimized use of the company's internal security resources and infrastructure costs

Helpful customer support available 24/7/365 via Slack, email or phone

The gaming company was also impressed with HUMAN's innovative product portfolio, particularly the ability to flag and stop logins with compromised credentials in real time. This capability proactively mitigates credential stuffing attacks and allows the organization to get ahead of account fraud.

Results

Account Protection turned away 99.9% of malicious inbound traffic to the company's site. The solution routinely blocked more than 3,000 bad login attempts per second, even though these requests had already passed through a web application firewall (WAF) and other traditional security controls.

HUMAN's credential monitoring capability provided an early-warning system for stolen credentials and proactively mitigated account fraud. This reduced the economic viability of credential stuffing attacks on the website and deterred future attempts.

Post-login monitoring of account activity allowed automated mitigation of fake accounts that were created to take advantage of new customer sign up bonuses. During one thirty day period, 1,500 accounts were flagged and actioned.

Account Protection is continuously evolving to keep up with new technologies and threats from bad actors. HUMAN has helped prevent ATOs and fake accounts and protected this customer's reputation and bottom line.

About HUMAN

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***