HUMAN

HUMAN Challenge: User-friendly Verification

Easy for humans, impossible for bots and AI

Low-friction verification that puts humans first
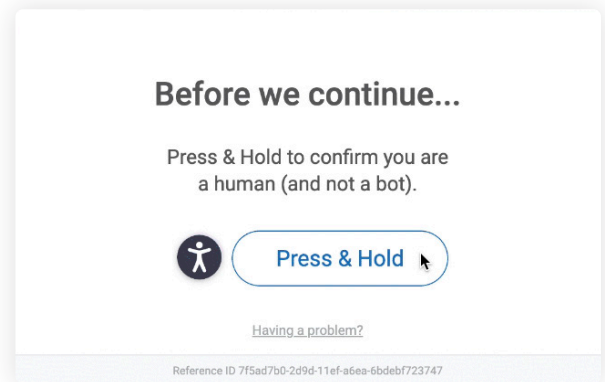
Human Challenge is HUMAN's proprietary verification tool that differentiates humans from bots. It is as a simple button that users "press and hold" — no CAPTCHA puzzles that frustrate humans and can be easily solved by AI. Behind-the-scenes, Human Challenge uses dynamic proof-of-work and machine learning to detect and deter even the most sophisticated CAPTCHA-solving bots.

Invisible to humans

Human Challenge works best when humans don't see it. In 99.99% of cases, real users move forward without ever seeing a Human Challenge. HUMAN inspects every digital interaction, but only challenges risky requests — providing detection accuracy while preserving an uninterrupted consumer experience.

Adaptive learning via robust feedback loop

Human Challenge serves the dual purpose of blocking automated website visitors and gathering signals from the bots that it defeats. This data is fed into HUMAN's secondary detection engine, which uses AI systems to continuously strengthen mitigation workflows as bots evolve.

Before we continue...

Press & Hold to confirm you are a human (and not a bot).

Press & Hold

Having a problem?

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0.01% false positive rate

4-6x faster solve times than reCAPTCHA

3-5x improved user retention rate than reCAPTCHA

How It Works

Detect and Challenge
HUMAN decision engine collects information on every interaction, automatically serivnge the Human Challenge when behavior that deviates from the normal human range is detected.

Collect
While the user is completing the "press and hold," Human Challenge tests the user's device to solve proof-of-work challenges and collects additional signals from the user, such as mouse movement behavior.

Enforce
Once the "press and hold" is completed, humans are allowed to seamlessly continue to the application, while bots are prevented from continuing.

Learn
Data from successful and failed challenge solves attempts are fed back into the system, dynamically adjusting the detection on the application to ensure optimal protection while maintaining minimal visibility to real users.

Key Capabilities

Human Challenge is included in HUMAN Application Protection and HUMAN Account Protection.

Protection from Advanced Bots and AI
Uses advanced techniques and strong anti-tampering mechanisms that make it difficult to solve through automation, AI, API calls, or CAPTCHA farms.

ADA, WCAG 2.2, and Privacy Compliant
Accessible and easy-to-use for all human users, in adherence with the Americans with Disabilities Act, the Web Content Accessibility Guidelines, and local data privacy laws.
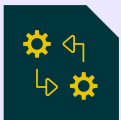
Supports Mobile Devices
Mobile SDK allows Human Challenge to be served on mobile devices; otherwise, all suspicious mobile users would be hard blocked.

Increases Cost to Attackers
Dynamic proof of work challenge grows harder for sophisticated bots, which requires more CPU cycles and becomes more expensive for attackers.

Fully Customizable and Brandable
Easily customize the look and feel of Human Challenge to align with your brand.

Available in 27 Languages
Offers 27 languages out-of-the-box, with the ability to add more locales if desired.

Benefits to Your Digital Business

Reduce Risk from Bot Attacks
Detect and mitigate CAPTCHA-solving bots.

Protect Your Online Revenue
Prevent page abandonment.

Preserve User Experience
Seamlessly verify users and eliminate frustration.

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.