

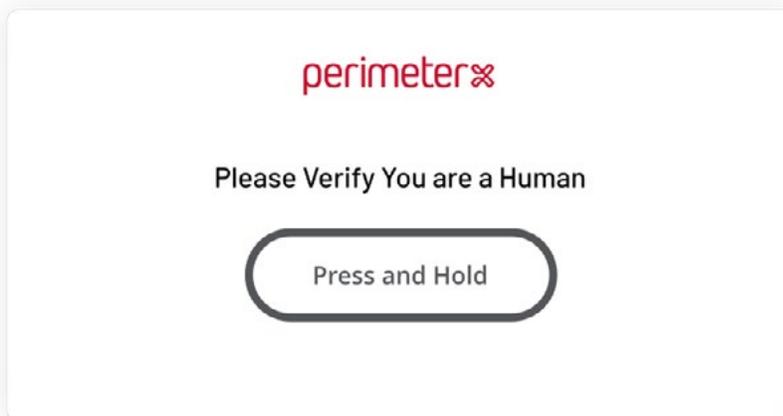
PerimeterX Human Challenge™

Improve Your Bot Protection and Your Users' Experience

Bot management solutions utilize CAPTCHAs to test suspicious users that are being classified as bots, solving the CAPTCHA allows users to verify themselves as legitimate users. Unfortunately, CAPTCHAs are failing on their promise of being easy for humans and hard for bots. Today's CAPTCHAs are easy for bots and hard for humans. For users, solving a CAPTCHA can be frustrating and might severely hurt their user experience and result in shopping cart abandonment and lost revenue. For sophisticated bots, these challenges are easily solved, using automated solutions or an army of low-waged human solvers, both widely available in the market.

PerimeterX Human Challenge

PerimeterX Human Challenge is a user-friendly verification that protects your web and mobile applications from CAPTCHA-solving bots while also improving your users' experience. Human Challenge leverages PerimeterX machine-learning-based technology and advanced threat research expertise to reduce the risk of attacks from CAPTCHA-solving bots. By collecting additional in-depth behavioral data about the user, Human Challenge detects and blocks CAPTCHA-solving bots, whether they use automated or manual methods.



PerimeterX Human Challenge - a user-friendly verification

Benefits to Your Digital Business



Reduce Risk From Bot Attacks and Achieve Compliance

Protect your applications from sophisticated bots that solve CAPTCHAs.



Protect Your Online Revenue

Prevent shopping cart abandonment and improve your users' experience.



Improve Operational Efficiency

Eliminate user frustration with an easy-to-solve verification.

Easy-to-solve single-step challenge

reduces solving time by more than 5X and lowers abandonment rate by 10X as compared to other CAPTCHAs.



How It Works



Collect

The Sensor collects and sends hundreds of non-PII client-side indicators to the detector for precise determination of human versus bot activity.



Detect

The machine-learning (ML) based Detector continuously learns the normal range for human interactions, correlates it with customer-defined policies.



Enforce

The Enforcer tags and mitigates bot traffic according to threat response policies. The Enforcer also continuously updates the Detector with relevant data.

The PerimeterX Advantage

A Simple and Easy User-friendly Verification

Easy-to-solve single-step challenge reduces solving time by more than 5X and lowers abandonment rate by 10X as compared to other CAPTCHAs

Advanced Protection From Bots

Collects in-depth data about the user to effectively detect and mitigate CAPTCHA-solving bots, whether they use automated or manual methods

Based on Industry-leading Technology

Utilizes over 165 ML models and multiple predictive techniques, leveraging over 5 years of industry-leading threat research expertise

Powered by the PerimeterX Platform

Human Challenge is available only for use with [PerimeterX Bot Defender](#), a behavior-based bot management solution that protects web and mobile applications and APIs from automated attacks safeguarding online revenue, competitive edge and brand reputation



“With Human Challenge we were able to block sophisticated bot attacks that utilized CAPTCHA solvers. Also, we now get significantly fewer customer complaints with Human Challenge than with reCAPTCHA.”



Director of E-commerce, Leading
Activewear Fashion Retailer

About PerimeterX

PerimeterX is the leading provider of application security solutions that keep your business safe in the digital world. Delivered as a service, the company's Bot Defender, Code Defender, and Page Defender solutions detect risks to your web applications and proactively manage them, freeing you to focus on growth and innovation. The world's largest and most reputable websites and mobile applications count on PerimeterX to safeguard their consumers' digital experience. PerimeterX is headquartered in San Mateo, California and at www.perimeterx.com.

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