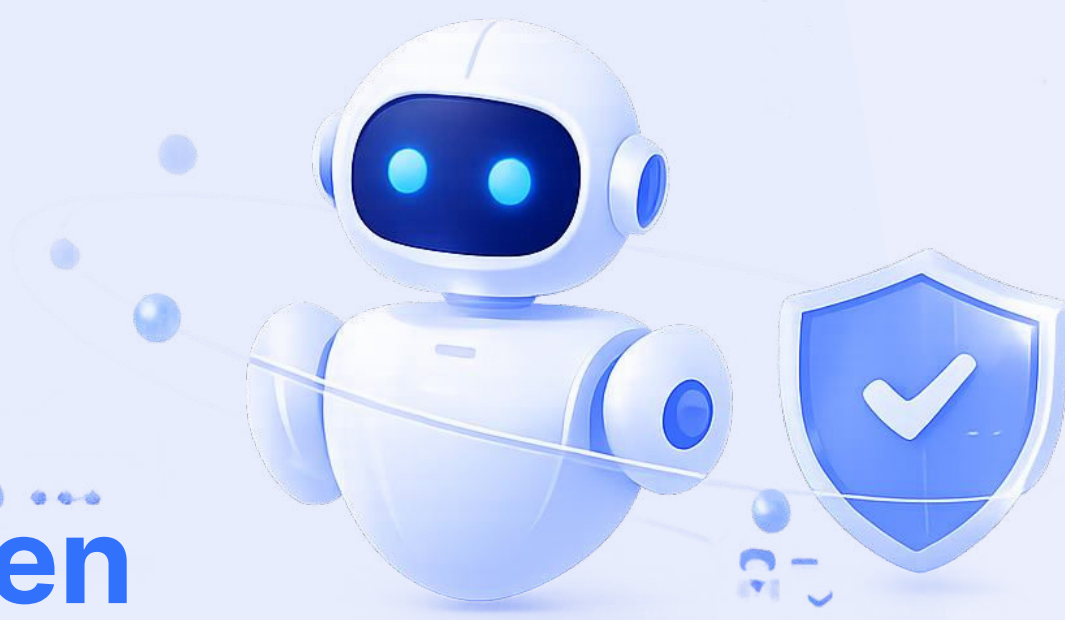
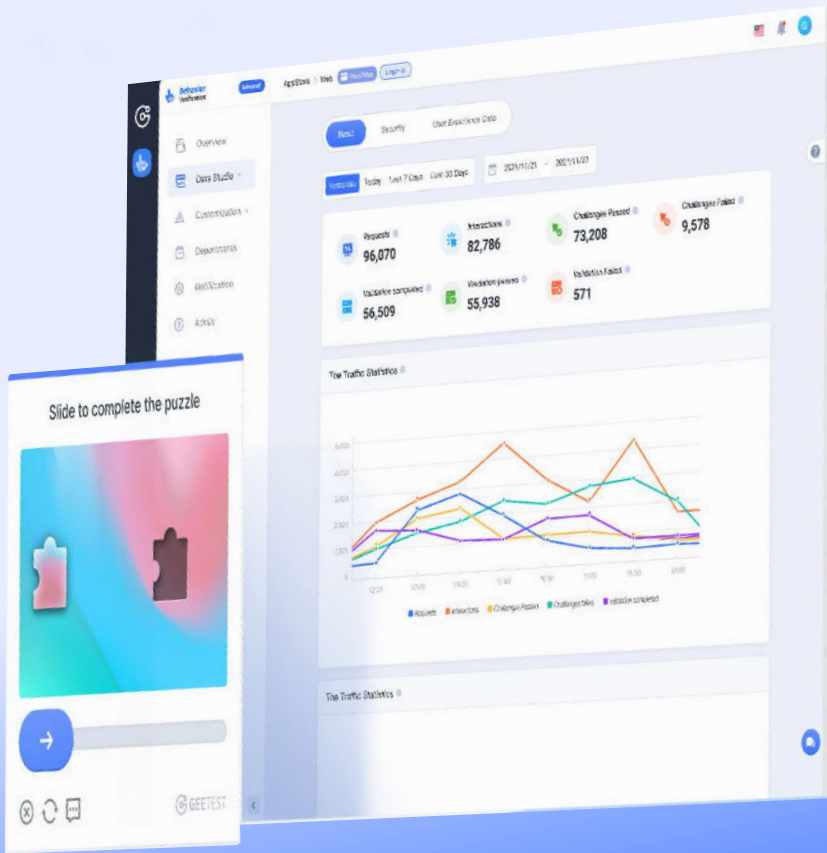




AI-Driven Bot Detection and Mitigation Solution

Stop bots and
minimize friction with
GeeTest CAPTCHA



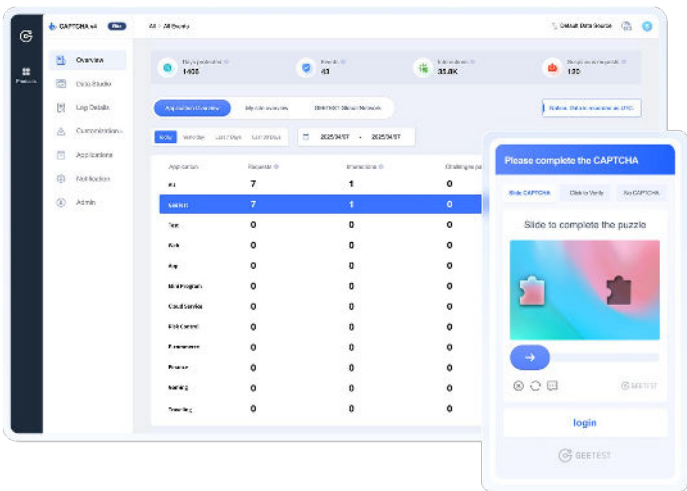
The Adaptive CAPTCHA Solution

Smarter Bot Detection. Seamless Human Verification.



01 Overview

What is GeeTest Adaptive CAPTCHA



GeeTest CAPTCHA is an AI-driven adaptive verification solution designed to distinguish human users from automated bots through behavioral intelligence, risk analysis, and dynamic challenge generation. By continuously analyzing real-time user interactions and threat signals, it intelligently adjusts verification methods based on risk levels, providing strong protection against automated abuse while maintaining a seamless experience for legitimate users.

02 Threat Landscape

Evolving Threats Demand Smarter Protection



Increasing Security Challenges

Security threats are becoming more sophisticated, making abuse harder to detect before it causes business impact.



Impact: Delayed business response and increased operational risk



Changing User Expectations

Modern users expect seamless, accessible, and low-friction verification experiences across all devices.



Impact: Higher abandonment rates and lower user satisfaction



Reduced Risk Control Effectiveness

Automated bots and AI-powered solvers continue to evolve, bypassing traditional CAPTCHA approaches.



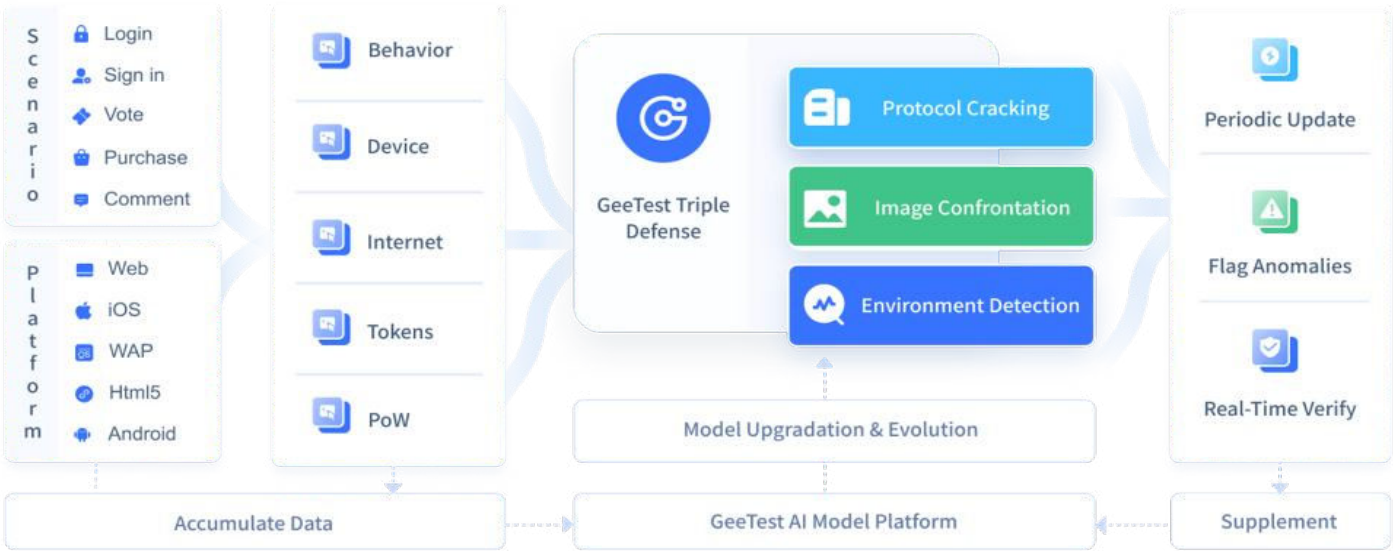
Impact: Increased fraud, account takeover, and revenue loss

03 Key Technologies

Key Technology Behind GeeTest CAPTCHA

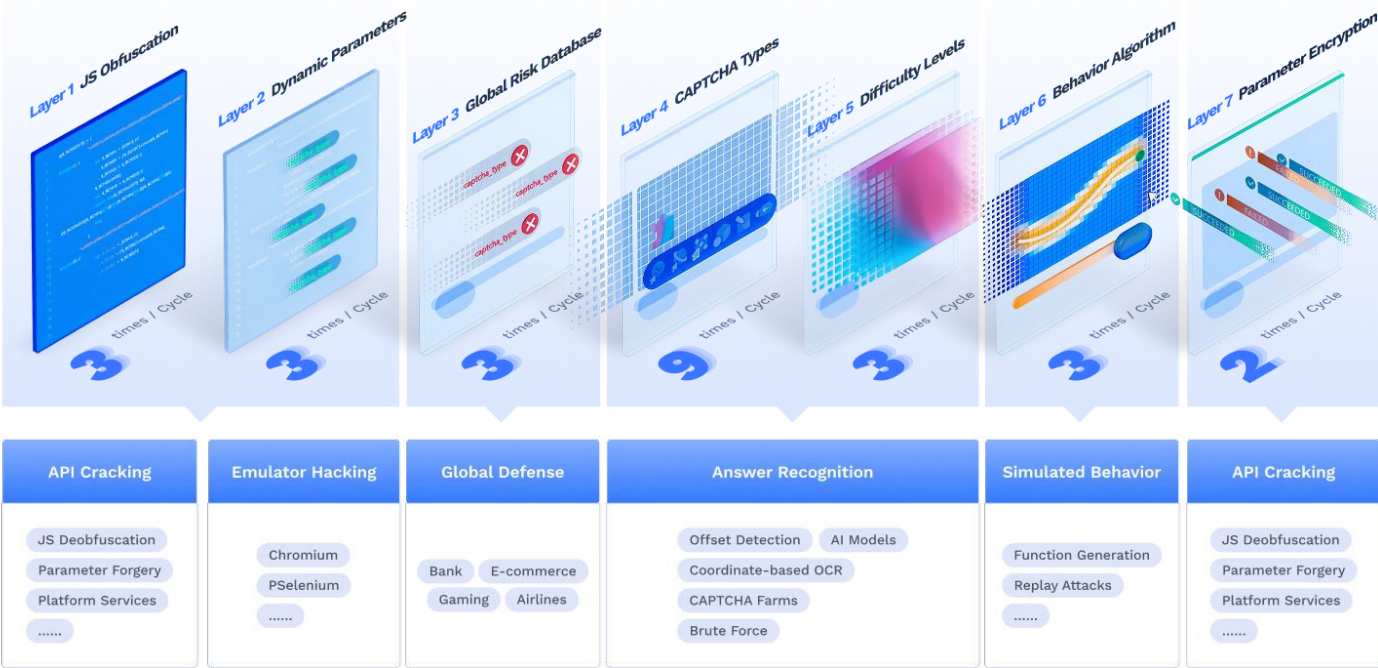
3 Core Technologies Against Cybercrime

GeeTest CAPTCHA innovates 3 key defense technologies to combat cyber threats: image security, protocol breach detection, and environment detection. Designed for fast deployment, it reduces automated attacks on gateways, SMS, and APIs, ensuring robust business security.



7-Layer Adaptive Defense Against Automated Abuse

The seven-layer defense framework analyzes multiple risk signals to detect automated abuse, prevent bypass attempts, and adapt protection strategies against evolving bot threats.



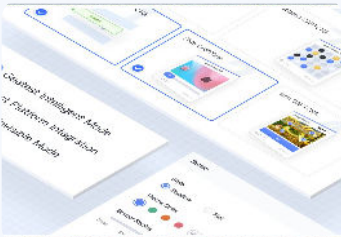
04 Key Offerings

What GeeTest Adaptive CAPTCHA Offers



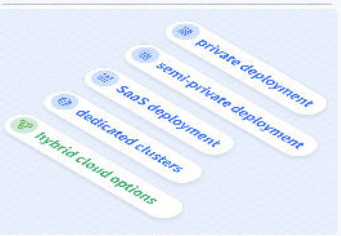
Real-time intelligent protection

Utilizing AI to identify attack patterns, applying different defenses for each request, ensuring an optimal balance between security and user experience.



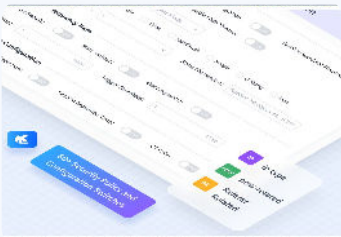
Flexible UX customization

Rich customizability unites UX and security. Configurable security modes adapt to different business scenarios, minimizing or eliminating user friction.



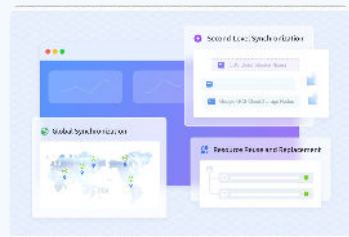
Multiple deployment options

Supports private deployment, semi-private deployment, SaaS deployment, dedicated clusters, and hybrid cloud options, meeting enterprise-specific needs.



Flexible Configuration

With up to 60 security strategies and configuration options, our platform ensures rapid adaptation to clients' application scenarios.

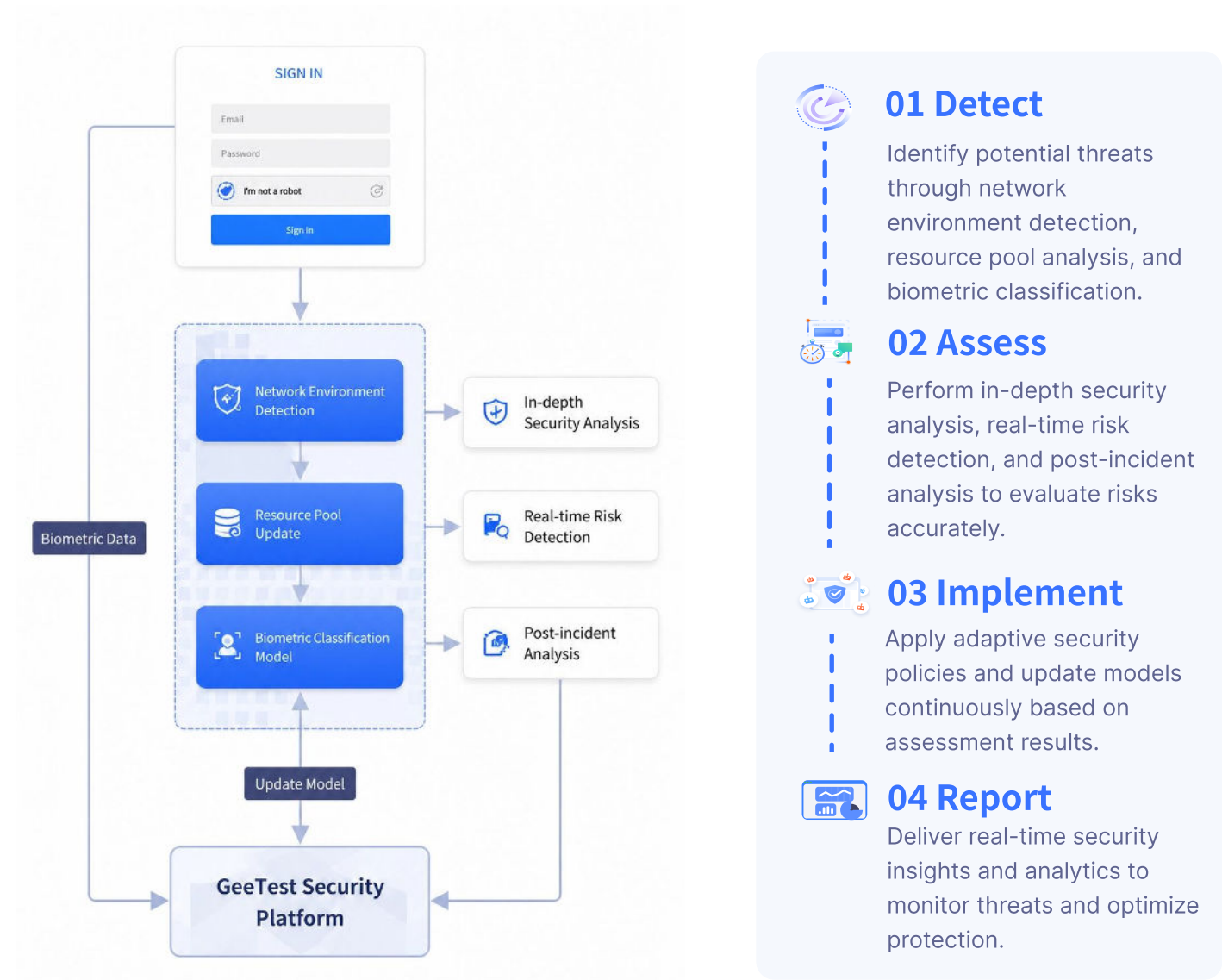


Global Support & Service

Built on a global distributed network, GeeTest delivers fast response, 24/7 technical support, and seamless CAPTCHA experiences across 78 languages.

04 How it Works

How GeeTest Adaptive CAPTCHA Works



05 Key Capabilities

Key Capabilities of GeeTest CAPTCHA



7-layer Adaptive Defense

Combines environment detection, protocol breach detection, and image security into an evolving 7-layer architecture to resist AI-driven attacks.



Dynamic Verification to Combat AI Attacks

Leverages machine learning to refresh 300,000 unpredictable images hourly, significantly increasing costs for AI-driven bypass attempts.



Enterprise-grade Service

13+ years of experience serving 360,000+ businesses with end-to-end support covering integration and continuous optimization.



Frictionless User Experience

Average verification time of 1.4s across 9 types, maintaining an optimal balance between robust security and seamless user interaction.



Global Scalability

7 global nodes and 78 languages support ensuring low-latency protection for enterprises across more than 25 countries.



Privacy & Compliance

Full GDPR and CCPA compliance with regional deployment models to confine data processing and reduce cross-border risks.



Operational Clarity & Control

Visual dashboards providing real-time insights into attack trends and traffic risk with expert operational support.



Flexible Deployment Options

Seamlessly integrates into existing workflows, combining with device fingerprinting for a unified risk control system.



Reliability & Resilience

Triple-disaster recovery with 99.995% SLA and 98.3% customer retention for stable and critical verification services.

06 Use Cases

What Can GeeTest CAPTCHA Protect



SMS Pumping

Prevent SMS abuse and reduce unnecessary verification costs



Account Takeover

Prevent unauthorized access and protect against financial losses



Credential Stuffing

Protect your customers' data. Prevent financial and brand reputation loss



Scalping

Prevent scalpers from snatching tickets and making profits from reselling



AD Fraud

Prevent fabricated and simulated numbers of clicks and views by real users



Payment Fraud

Prevent fraudulent transactions and payment scams to maintain customer trust

07 Integration

How to Start

01



Get GeeTest account

Sign up and active your GeeTest account on the official website

02



ID and Key

Create your ID and Key on the dashboard

03



Deployment

Deploy your CAPTCHA based on the developer documentation

04



Disaster Recovery Test

Test Disaster Recovery scenario to make sure your business is able to work in abnormal cases

SaaS architecture enables quick set up and deployment



Programming Language Support

C#, Java, Python, Node, Php, Golang, etc



Safeguard all the Access Points

WEB, WAP, iOS, Android and Html 5



Browsers Compatibility

All browsers (IE 6 and higher)



Professional Service Team

Onboarding / Integration support

08 About GeeTest

13+ Years of Innovation in Intelligent Bot Management

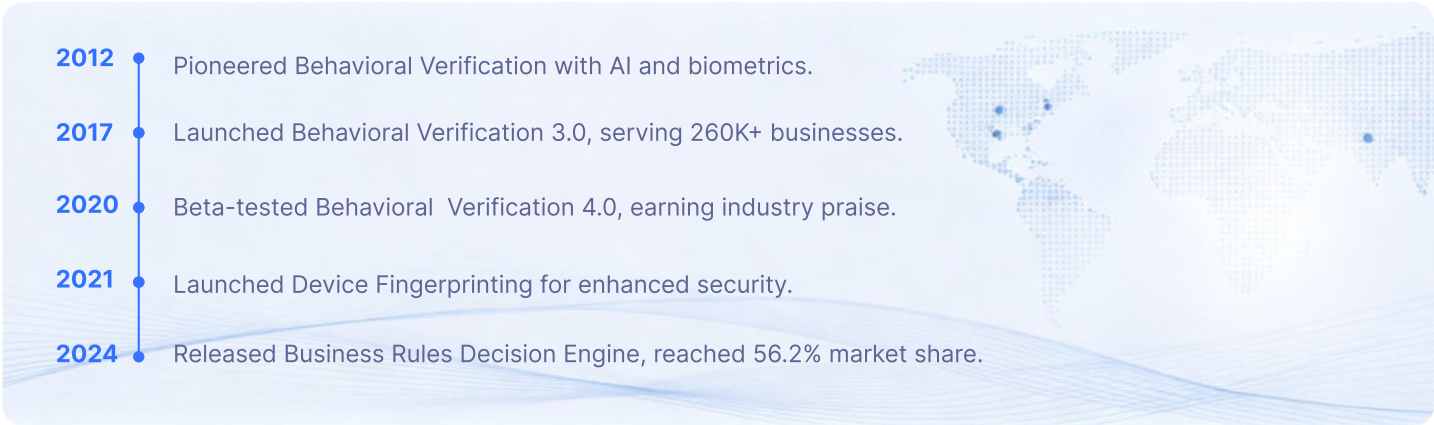
Founded in 2012, GeeTest is a global cybersecurity company specializing in bot management, CAPTCHA, and device intelligence. It helps enterprises defend against automated abuse across web, mobile, and APIs while maintaining a smooth experience for legitimate users.

**13+**
Years of Expertise

**360K+**
Enterprises Protected

**1B+**
Daily Processed Requests

**30+**
Industries Served



09 Why GeeTest

Why Choose GeeTest CAPTCHA



13 Years of Vertical Expertise

With 13+ years of expertise in bot management and CAPTCHA technologies, GeeTest has protected 360,000+ enterprises across 30+ industries since 2012, trusted by leading global brands.

Finance

E-commerce

Gaming

Fintech

Hospitality

Social Media

Travel

More



Service-First Security

GeeTest provides enterprise-grade security services with dedicated support and 24/7 incident response, proactively identifying abnormal traffic and resolving security risks worldwide.

24/7 Real-Time Response

1-on-1 Enterprise Service

Proactive Threat Monitoring

Adaptive Security Updates



Technological Leadership

GeeTest pioneers AI-driven CAPTCHA technologies with advanced behavioral analysis and adaptive risk detection, processing 29 billion daily requests with 99.995% SLA and millisecond-level response.

AI-Driven Risk Detection

60%+ R&D Experts

7-Layer Adaptive Defense

Behavioral Intelligence

10 Awards and Recognition

Globally Recognized Trusted by Industry Leaders

- Gartner - Representative Vendors in OFD: Bot Mitigation 2020

Forrester -Selected Vendor in Forrester Now Tech: Bot Management, Q4 2021

Deloitte - 2021 Optics Valley Technology Fast 20 & Rising Star

APAC CIO Outlook - the Top Cyber Security Vendors 2022

Startup Stash - Top Bot Detection and Mitigation Tools in 2022

BRICS Industrial Innovation Contest 2022 - GeeTest won the third prize

The Silicon Review - the "50 most admired companies of the year 2022
- Capterra - the Ease of Use Badge in Network Security 2022

TechTimes - the Top 5 Best Bot Mitigation Companies in 2023

Gartner Digital Markets - theBest Ease of Use and Best Value badges in 2024

World Business Outlook - Best Bot Management & CAPTCHA Solution Excellence Award 2026

Crozdesk - Quality Choice Award, the Trusted Vendor Award, Happiest Users Award 2026

The Hacker News - 2026 Cybersecurity Stars Awards



Trusted By 360,000+ Global Leading Enterprise

