APPLICATION SECURITY

Stop sophisticated bots & AI agents. Establish trust across all traffic with DataDome & AWS

Bot and agent trust management for your websites, mobile apps, APIs, and MCP servers

Traffic you can trust at the edge with DataDome & Amazon CloudFront

Enterprises build the applications that drive their business forward on Amazon Web Services (AWS) because they want to move fast, innovate with cloud-native services like Amazon Elastic Compute Cloud (Amazon EC2), Amazon CloudFront, and AWS Web Application Firewall (AWS WAF), and scale to meet customer demand.

But sophisticated bots, AI agents and online fraud are a huge burden and only getting worse, and security teams cannot tell which AI agents are legitimate or what they intend. Organizations currently have in place cannot manage that risk alone, which ultimately hurts their bottom line.

Now, enterprises can remain agile and responsive to malicious automation attempts with DataDome's bot and agent trust management available on AWS.

DataDome deploys in minutes on Amazon CloudFront via CloudFront Functions or AWS Lambda@Edge, instantly providing real-time protection without provisioning or managing infrastructure. And DataDome layers with AWS WAF, adding a specialist layer for advanced bot and agent traffic.

In collaboration with

DataDome

DataDome on AWS key benefits

- Identify, classify, score & govern AI agents in real time
- Scales protection resources by 200 times (or more) in 90 seconds
- Analyzes 5 trillion signals daily
- Sub-2 ms response time with 35+ worldwide PoPs
- Stops 400+ billion attacks annually
- Deploys in minutes with CloudFront Functions or Lambda@Edge

Your traffic control plane for humans, bots, and agents

DataDome is your real-time traffic control plane on AWS, analyzing the intent of every session so only trusted traffic reaches your business across your sites, apps, APIs, and MCP servers. Thousands of AI models detect intent in real time, whether human, bot, or AI agent.

aws PARTNER

- AWS WAF Ready
- Amazon CloudFront Ready
- Retail Software Competency
- Security Software Competency
- Consumer Goods Software Competency
- Travel & Hospitality Software Competency
- Media & Entertainment Software Competency

FORRESTER® WAVE LEADER 2026 Bot And Agent Trust Management Software

SOC 2 TYPE 2 AICPA SOC

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DataDome brings traffic you can trust to your AWS workloads, stopping advanced bot and agentic threats in real time

Full protection for websites, mobile apps, APIs & MCP servers.

DataDome delivers real-time bot and agent trust management, enabling businesses to trust the intent behind their traffic. DataDome's multi-layered AI engine leverages thousands of models and 5 trillion signals daily, analyzing the intent of every session so only trusted traffic reaches your business — powering growth across your sites, apps, APIs, and MCP servers.

Fast time to value. Runs on autopilot.

Amazon CloudFront Ready, AWS WAF Ready, and available in AWS Marketplace.
Deploy in minutes with no architectural changes. DataDome offers 24/7 technical support, a world-class SOC, and Galileo threat research.

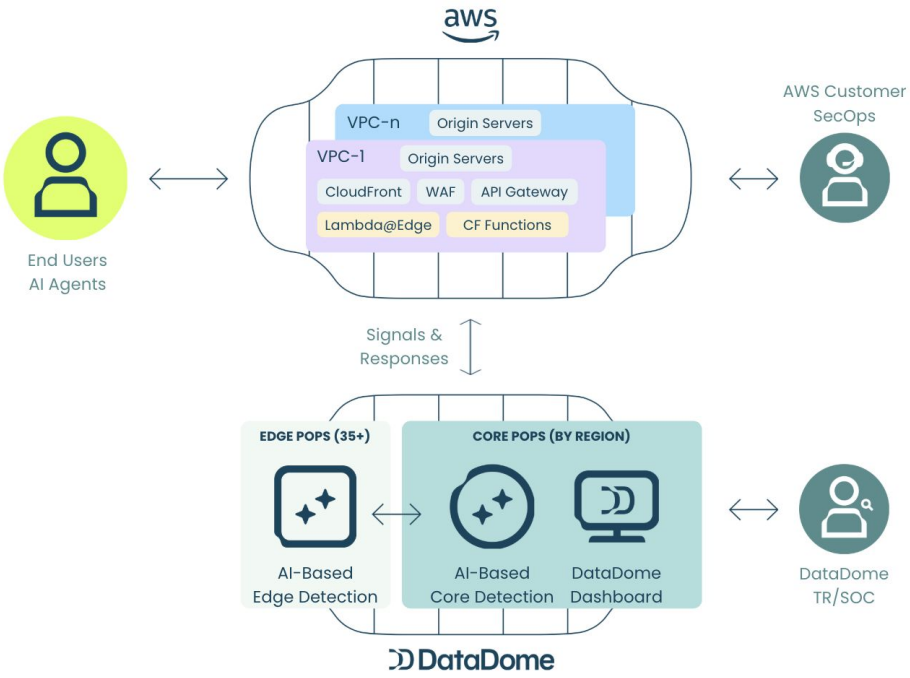
Frictionless for consumers. Security that supports your best user experience.

With a false positive rate below 0.01% and 35+ global PoPs and sub-2 ms response time, DataDome protects your business and your user experience (UX). DataDome scales 200x capacity in 90 seconds and offers multi-tenant workspace options.

The solution that pays for itself and serves as a force multiplier for your team.

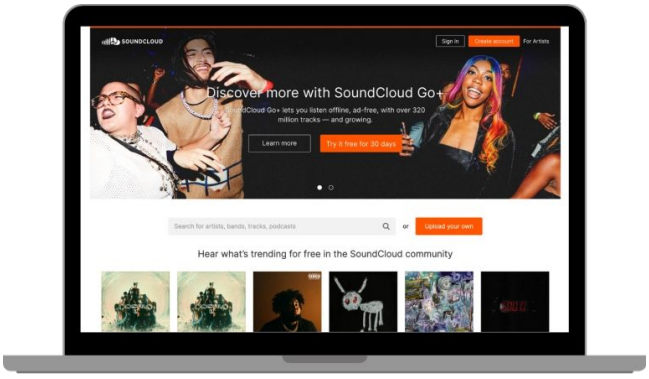
From reducing infrastructure costs, protect against unexpected peak of traffic, chargeback fees, and wasted ad spend, to saving precious time and increasing focus on revenue-driving activity, DataDome pays for itself.

Safely scale your business on AWS with traffic you can trust: one-click integration for bot, agent, and fraud protection from DataDome



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Case study: How SoundCloud Beats Fraudulent Traffic with DataDome and AWS



SoundCloud, the world's leading open audio platform, teamed up with DataDome and AWS to eliminate fraudulent traffic skewing its KPIs and eroding user trust. Fake plays, spam comments, and bot-driven activity were distorting recommendation algorithms and homegrown models couldn't keep up.

After evaluating multiple vendors on 2 weeks of live traffic, DataDome won on all three fronts: accuracy, cost, and latency. Layered with AWS WAF, the integration was fast, when a fraud attack hit an unplanned endpoint mid-rollout, DataDome stopped it overnight.

Now SoundCloud's engineering team builds for creators and fans instead of fighting fake traffic, backed by KPIs they can actually trust.

Read the full case study

SoundCloud has experienced the following positive outcomes:

Better business decisions

Safe, trusted user experiences

Accurate, Real-Time & Cost-Effective detection

> **"It was an easy decision. DataDome delivered the best value for money with the most accurate detection at the lowest price, with minimal additional latency on both mobile and web-based apps."**
>
> **Rafal Kukliński**, SVP, Engineering at SoundCloud

Get effective, multi-layered application security with DataDome & AWS

DataDome and AWS help protect your websites, applications, and APIs against advanced bots, fraud, and malicious AI automation that may affect availability, compromise security, and consume excessive resources. By layering DataDome with Amazon CloudFront and AWS WAF, you get the global scale of the AWS edge network plus a specialist trust layer that analyzes the intent of every session at the edge and lets only trusted traffic through.

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Better together: DataDome & AWS

Bots, AI agents, and automated fraud are exploiting every layer of your digital stack, from login pages and checkout flows to APIs and MCP servers. And the threats are evolving faster than traditional protections can keep up.
By running its AI-powered protection on AWS, DataDome analyzes the intent of every session in real time at the edge, using thousands of AI models and analyzing 5 trillion signals daily to detect intent before fraud can land.

Deployed in minutes via Amazon CloudFront Functions or AWS Lambda@Edge, DataDome provides complete visibility and control over all traffic, human, bot, or AI agent, with no architectural changes.



Retail & e-commerce

Retail and e-commerce platforms face automated fraud throughout the customer journey—from fake registrations and credential stuffing to carding and coupon abuse.

DataDome provides real-time, full-funnel protection that stops fraud at the edge, lets trusted AI agents shop and transact, and keeps experiences frictionless for legitimate customers.

Companies like Sokal rely on DataDome and AWS to eliminate ad fraud, scraping, and DDoS attacks across their portfolios.

SOKAL

Media & Entertainment

Digital publishers face invalid advertising traffic, scraping, and DDoS attacks, especially during election seasons.

DataDome integrates with AWS Lambda@Edge and Amazon CloudFront to validate traffic, block malicious activity, and protect legitimate users.

Companies like RealClearPolitics rely on DataDome and AWS to ensure accurate metrics, stable performance, and protected content.

RealClear Politics

Travel & hospitality

Airlines, OTAs, and hotel platforms lose significant revenue to fare scrapers, inventory bots, and loyalty fraud hitting every booking touchpoint.

DataDome stops these attacks at the edge before they reach origin servers, protecting flight search, availability checks, and loyalty redemption without adding latency.

Organizations like Dohop rely on DataDome to block malicious automation, safeguards critical endpoints while keeping the booking experience seamless for real travelers.

DOHOP

Are you safe from bad bots & AI agents? Start today and get your free bot & agent assessment with Watchtower to instantly discover vulnerable domains and endpoints—known and unknown—as well as expert recommendations.

Find DataDome in AWS Marketplace

About DataDome

DataDome is the leader in bot and agent trust management, providing complete visibility and control over all traffic—whether human, bot, or AI agent. Named a Leader in The Forrester Wave™: Bot and Agent Trust Management Software, Q2 2026, DataDome is trusted by enterprises like Etsy, PayPal, and SoundCloud. Acting as your real-time traffic control plane, DataDome's multi-layered AI engine leverages thousands of models and 5 trillion signals daily, analyzing the intent of every session so only trusted traffic reaches your business — powering growth across your sites, apps, APIs, and MCP servers. Backed by a 24/7 SOC and expert threat researchers, DataDome stops 20k+ attacks every second. With 35+ global PoPs, and 80+ ready-made integrations, DataDome is a recognized Leader on G2 across several categories—delivering traffic you can trust.

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