CLOUDFLARE

SOLUTION OVERVIEW

# Secure workforce use of generative and agentic AI

Empower your teams to use any AI tool safely
with protections enforced by Cloudflare's SASE platform.

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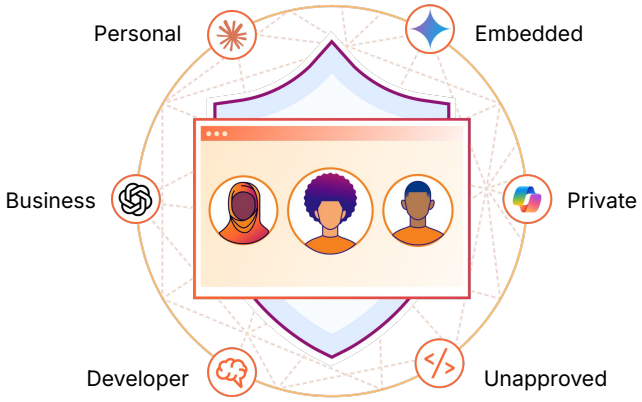



## Regain control, unlock productivity

The rush to adopt AI is leaving a trail of mounting risks, including data leaks, regulatory violations, and an expanding attack surface. Blocking AI outright only sacrifices your competitive edge, and experimenting with point solutions only adds complexity.

Cloudflare safeguards your organization's use of AI by extending visibility, mitigating risks, and protecting data holistically across AI environments:

- **Discover shadow AI** and manage policies for all sanctioned and unsanctioned AI tools.
- **Strengthen AI governance** with identity-based access controls and posture management.
- **Stop data loss** by blocking sensitive information in user prompts, enforcing topical guardrails, and scanning for misconfigurations in AI tools.

Extend Cloudflare to safely adopt AI, whether your AI strategy involves limiting use to specific applications or experimenting with a wider range of diverse tools.

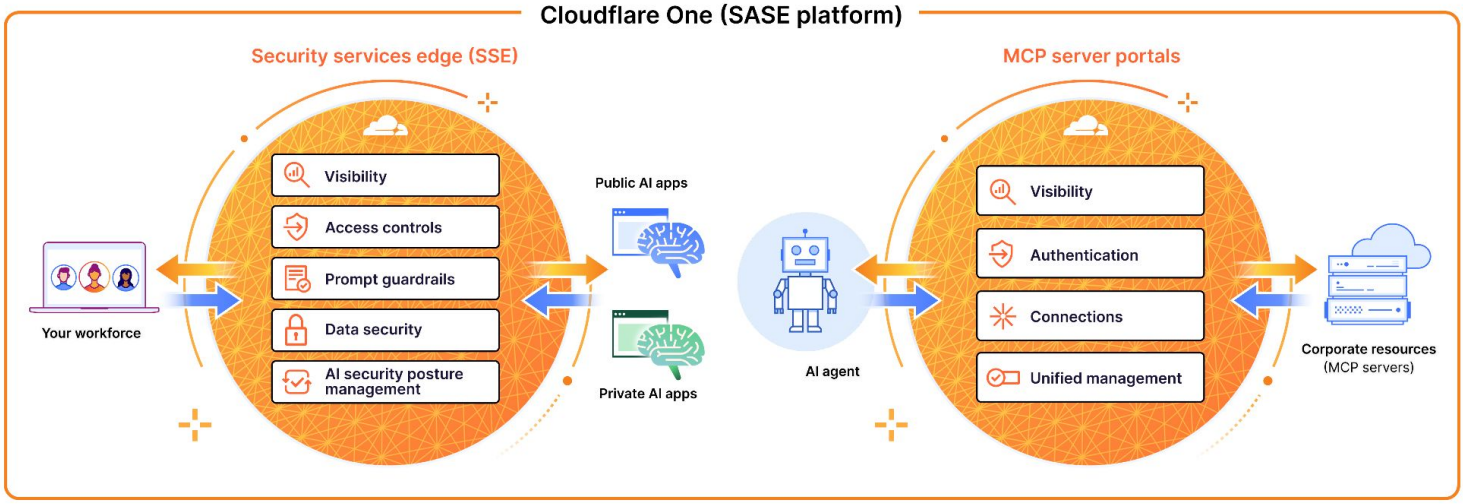
### Why SASE?

Cloudflare's secure access service edge (SASE) platform sits in between your workforce and AI tools. This makes SASE an ideal starting point for many to begin safely using AI.

Whether employees are chatting with ChatGPT or AI agents are gathering information across corporate resources, Cloudflare's SASE platform enforces consistent security controls.

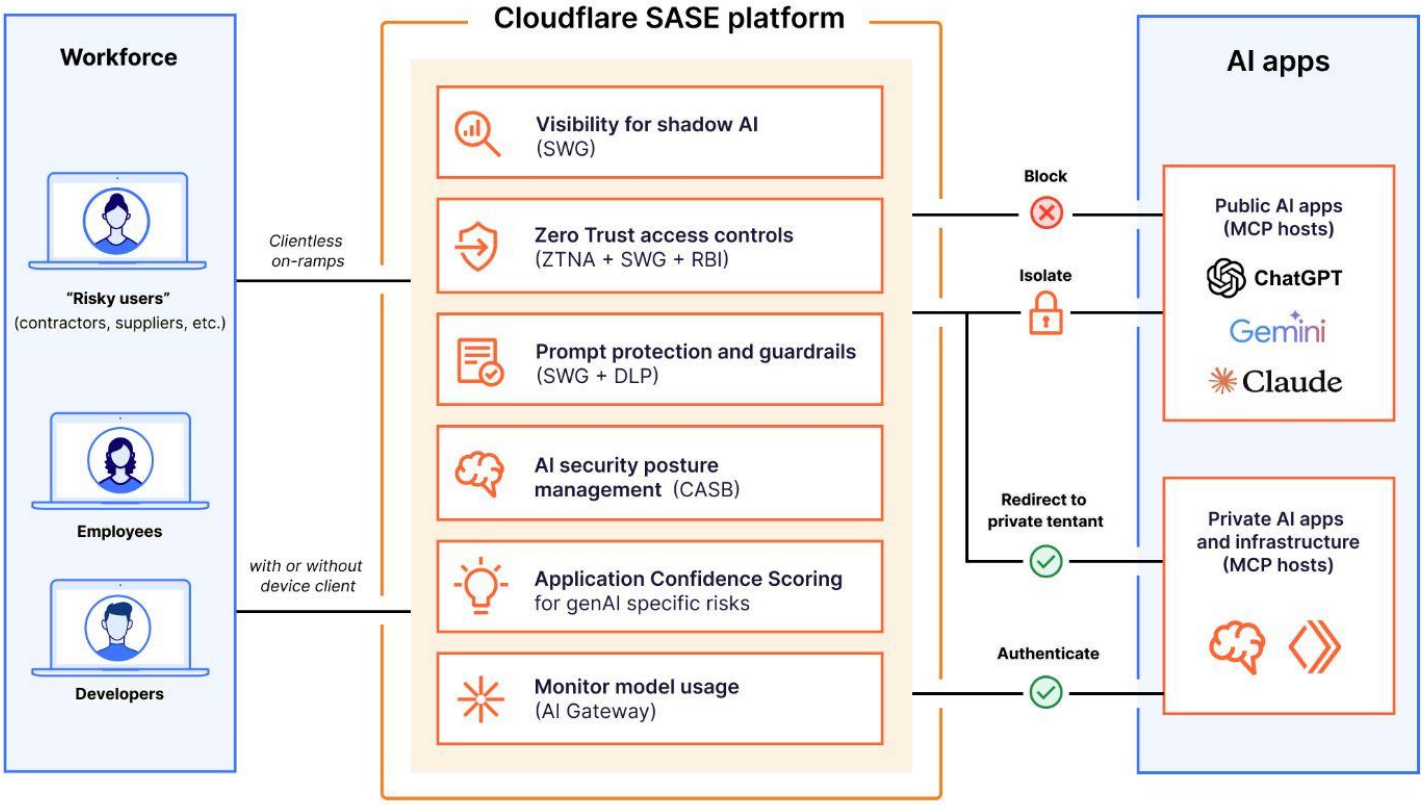
## Secure generative and agentic AI communication

Cloudflare's SASE platform provides one unified dashboard and control plane to manage both human-to-AI and machine-to-machine interactions throughout your organization.




Unlike other SASE vendors, Cloudflare also helps connect and protect public-facing AI-enabled apps and workloads (like your website's AI chatbot or recommendation engines).

# **Protect user communication with generative AI apps** with AI usage controls on Cloudflare's SASE platform




- **Visibility:** Discover and analyze shadow AI use via in-line traffic inspection. Evaluate risks posed by those AI apps with transparent scoring.
- **Access controls:** Block, isolate, redirect, or allow user connections. Enforce identity-based zero trust rules per app.
- **Prompt protection and guardrails**: Detect and block user prompts based on intent (e.g., jailbreak attempts, code abuse, PII requests).
- **Data security:** Stop sensitive data exposure with AI-powered data loss prevention (DLP) detections for PII, source code, and more.
- **AI security posture management:** Integrate with GenAI tools via API (available now for ChatGPT, Claude, Google Gemini) to scan for misconfigurations using our cloud access security broker (CASB).

## Customer outcomes

indeed

World's #1 job website

**Identify and control shadow AI**

in parallel with VPN replacement project.

APPLIED

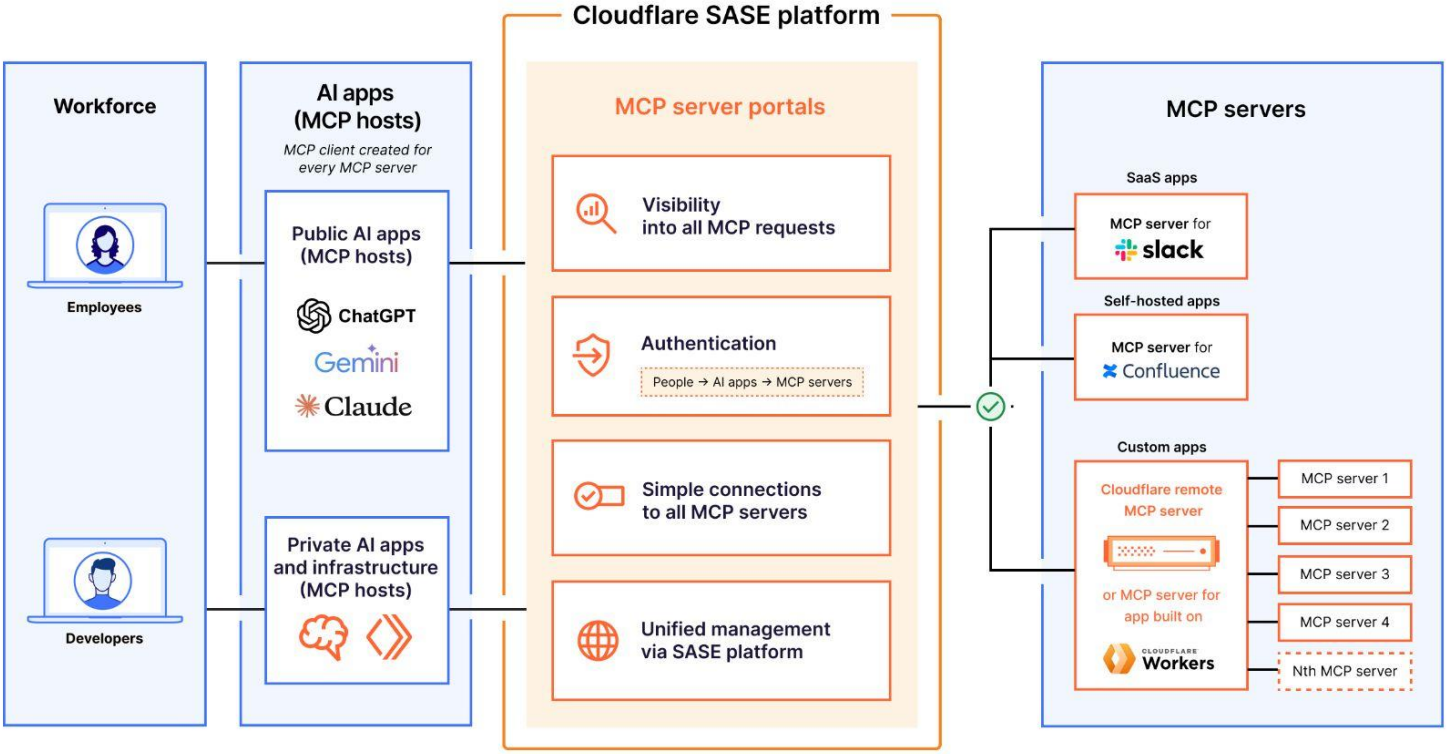
Insurance technology

**Isolate public GenAI tools like ChatGPT**

to block copy-paste of sensitive data.

# Secure agentic AI communication (AI-to-resource)
with MCP server portals on Cloudflare's SASE platform




- **Visibility:** Aggregate all MCP request logs for audit and analysis. Review and approve each MCP server before adding to portal.
- **Authentication:** Authenticate user access to portal based on identity. Scope access to MCP servers based on least privilege.
- **Connections:** Connect all accessible MCP servers with a single URL, instead of individually configuring each MCP server.
- **Unified management:** Enforce the same granular access policies for AI connections as you do for human users.
- **Customize tools per portal:** Choose the specific tools and prompt templates made available per user.

**Note:** Cloudflare's MCP server portals supports any MCP server, including (but not limited to) any remote MCP server built or deployed on Cloudflare. This capability is available as a zero trust network access (ZTNA) control.

**Learn more about our vision in this blog.**

**Ready to explore how Cloudflare can secure your use of AI?**

**Request a workshop**