# SASE & SSE Platform

Composable Zero Trust networking with a connectivity cloud, fulfilling the promise of single-vendor SASE through network modernization

## Converge security & networking now

To reduce IT complexity and regain control, 88% of IT leaders are already consolidating and optimizing their technology stack. SASE is a key architectural trend at the heart of an organization's operations, converging security and networking to provide simple, secure access alongside improved business agility.

**Simply and securely connect any user to any resource without VPN or MPLS backhauling**

You need one programmable connectivity cloud with a built-in Zero Trust platform, L3-7 traffic firewall with DDoS protection, and Enhanced Internet traffic acceleration. Cloudflare One is a single-vendor Secure Access Service Edge (SASE) platform enabling composable on-ramps and services to be adopted in any order. Many start with our Zero Trust Security Service Edge (SSE) to reduce their attack surface, stop phishing or ransomware compromises, prevent lateral movement, and secure data in transit, at rest or in use.
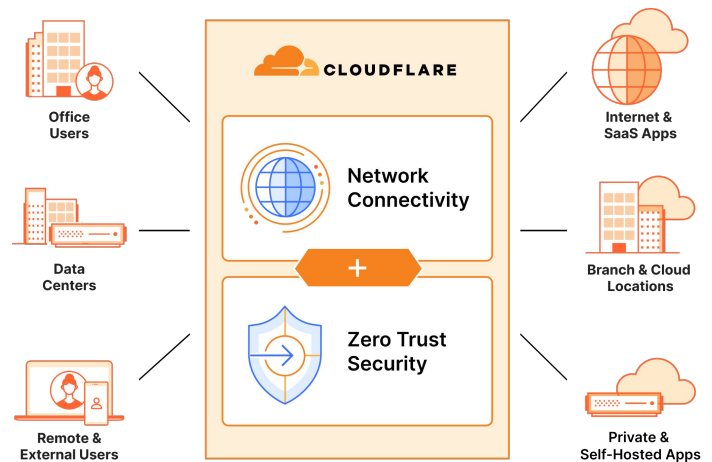


**The fastest path to a Zero Trust architecture**

Stop implicitly trusting users with excessive access once they're on the corporate network. Use a proxy to authenticate and authorize every request into, out of, and between entities on your network that explicitly verifies identity, device posture, and business context.

### Improve operational efficiency

Simplify policy management, troubleshoot issues faster, and improve the user experience — reducing up to **80%** of connectivity-related IT tickets.

### Reduce cyber risk

Harness the broadest range of intelligence sources from **20%** of the Web — DNS, email, apps, APIs and more — for real-time threat insights and enforcement.

### Enable your business

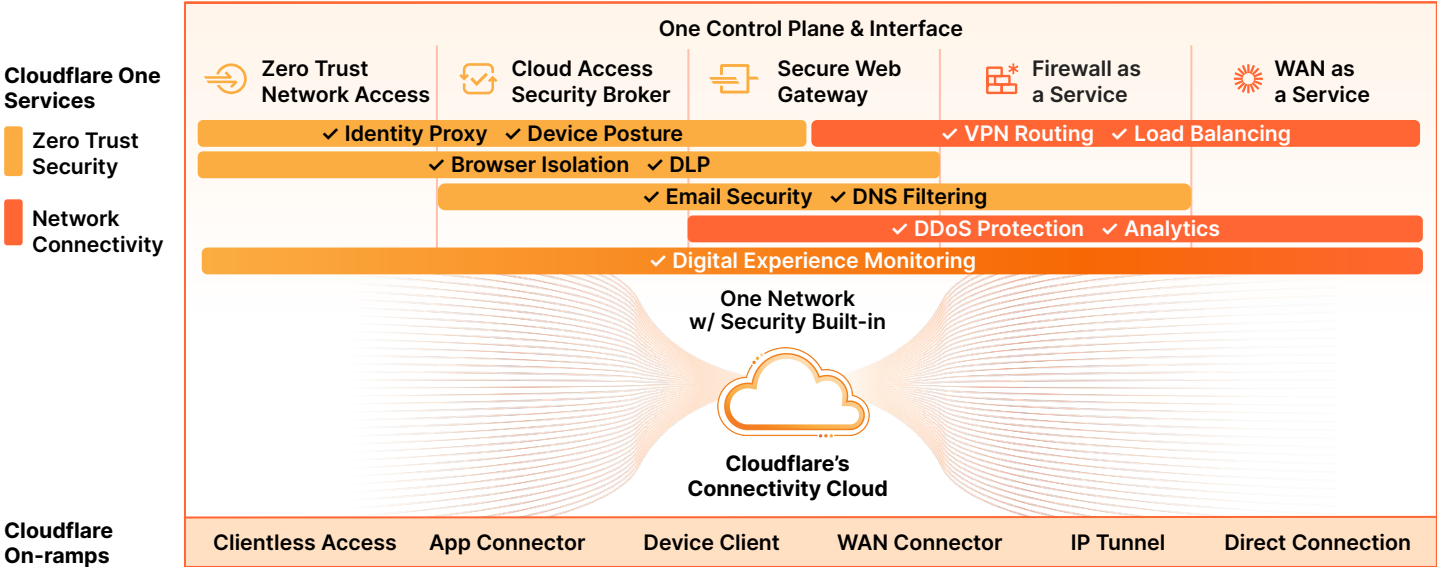Accelerate digital maturity, reduce hardware capex, and consolidate point products with composable, in-line security services that provide holistic visibility into network traffic.
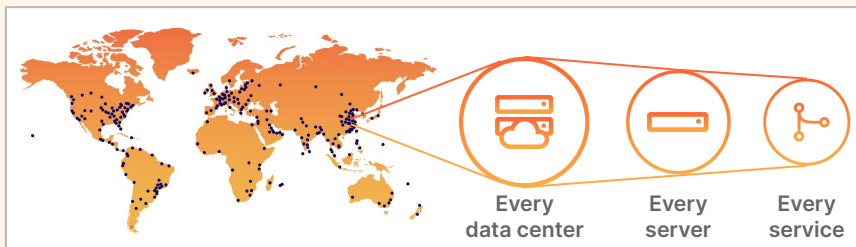
### Everywhere security

All services are designed to run in **310+** cities, so all traffic is inspected closest to its source, which delivers consistent speed and scale everywhere.



Every data center | Every server | Every service

# How Cloudflare One works

**One Control Plane & Interface**

**Cloudflare One Services**

| Zero Trust Security |
| Network Connectivity |

- → Zero Trust Network Access
- ☑ Cloud Access Security Broker
- ⇄ Secure Web Gateway
- Firewall as a Service
- ☀ WAN as a Service

✓ Identity Proxy  ✓ Device Posture   ✓ VPN Routing  ✓ Load Balancing

✓ Browser Isolation  ✓ DLP

✓ Email Security  ✓ DNS Filtering

✓ DDoS Protection  ✓ Analytics

✓ Digital Experience Monitoring

**One Network w/ Security Built-in**

**Cloudflare's Connectivity Cloud**

**Cloudflare On-ramps**

| Clientless Access | App Connector | Device Client | WAN Connector | IP Tunnel | Direct Connection |

## Faster time to setup any-to-any connectivity
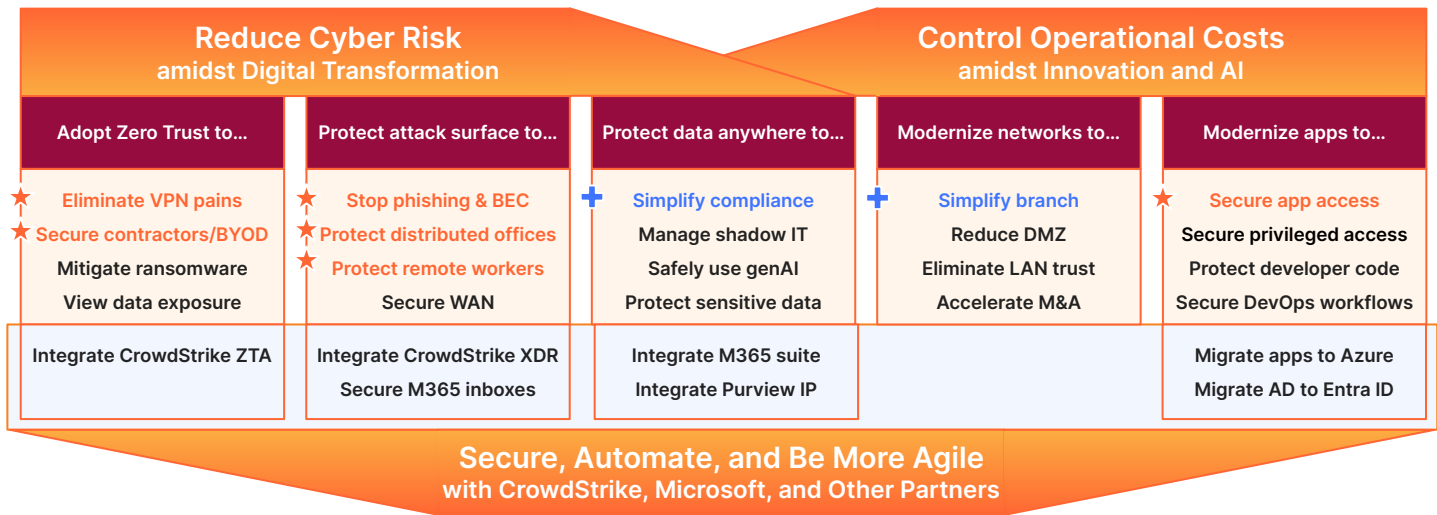with flexible on-ramps for any team

- **IT and security teams:** Protect all user-to-app flows and secure bidirectional and site-to-site traffic.

- **Networking teams:** Simplify site-to-site connectivity and improve TCO with a modern architecture.

- **DevOps teams:** Secure modern service-to-service workflows and simplify mesh/P2P connectivity.

## Integrated services beyond SASE
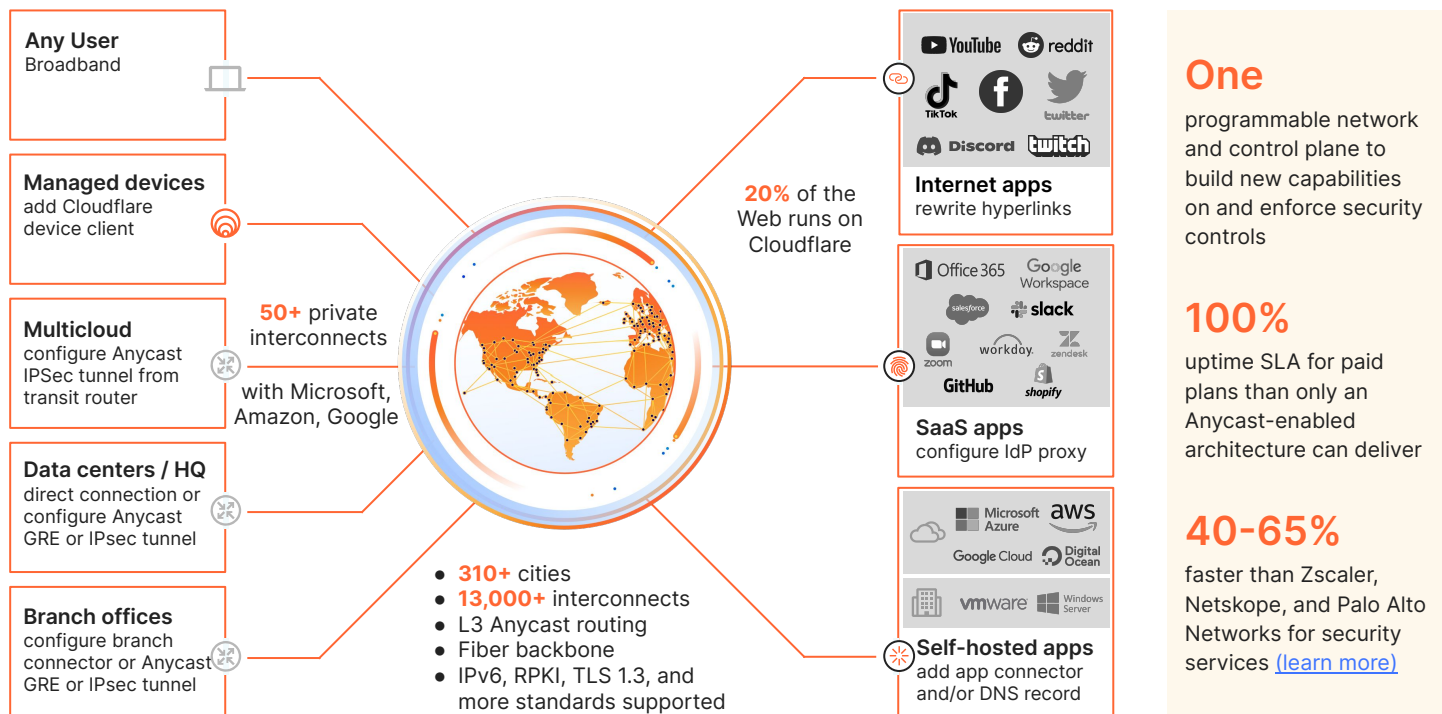with a connectivity cloud

Cloudflare One converges security and performance capabilities not typically built into a SASE platform that further reduce complexity. For example:

- **Cloud email security**: Block email-borne threats.

- **Auth DNS, load balancing, and DDoS protection:** Our reverse proxy and network services are built into all application access controls.

## Priority use cases and where to start

| Reduce Cyber Risk amidst Digital Transformation | | | Control Operational Costs amidst Innovation and AI | |
|---|---|---|---|---|
| Adopt Zero Trust to... | Protect attack surface to... | Protect data anywhere to... | Modernize networks to... | Modernize apps to... |
| ★ Eliminate VPN pains | ★ Stop phishing & BEC | ✚ Simplify compliance | ✚ Simplify branch | ★ Secure app access |
| ★ Secure contractors/BYOD | ★ Protect distributed offices | Manage shadow IT | Reduce DMZ | Secure privileged access |
| Mitigate ransomware | ★ Protect remote workers | Safely use genAI | Eliminate LAN trust | Protect developer code |
| View data exposure | Secure WAN | Protect sensitive data | Accelerate M&A | Secure DevOps workflows |
| Integrate CrowdStrike ZTA | Integrate CrowdStrike XDR | Integrate M365 suite | | Migrate apps to Azure |
| | Secure M365 inboxes | Integrate Purview IP | | Migrate AD to Entra ID |

**Secure, Automate, and Be More Agile**
with CrowdStrike, Microsoft, and Other Partners

★ Common first use case   ✚ Next step use case

# Flexible on-ramps to get started

**Any User**
Broadband

**Managed devices**
add Cloudflare
device client

**Multicloud**
configure Anycast
IPSec tunnel from
transit router

**Data centers / HQ**
direct connection or
configure Anycast
GRE or IPsec tunnel

**Branch offices**
configure branch
connector or Anycast
GRE or IPsec tunnel

**50+** private
interconnects

with Microsoft,
Amazon, Google

**20%** of the
Web runs on
Cloudflare

- **310+** cities
- **13,000+** interconnects
- L3 Anycast routing
- Fiber backbone
- IPv6, RPKI, TLS 1.3, and
  more standards supported

**Internet apps**
rewrite hyperlinks

**SaaS apps**
configure IdP proxy

**Self-hosted apps**
add app connector
and/or DNS record

**One**
programmable network
and control plane to
build new capabilities
on and enforce security
controls

**100%**
uptime SLA for paid
plans than only an
Anycast-enabled
architecture can deliver

**40-65%**
faster than Zscaler,
Netskope, and Palo Alto
Networks for security
services (learn more)

# Customer recognition

**Gartner**
Peer Insights
Customers'
Choice 2024
™

**Cloudflare is named a Customers'
Choice in the 2024 Gartner® Peer
Insights™ Voice of the Customer:
Zero Trust Network Access**

# Analyst-recognized SASE platform

**Gartner**®

Named in the *Gartner® Magic Quadrant™*
*for **Security Service Edge (SSE)** for 2nd
consecutive year*

**FORRESTER**

Strong Performer in the Forrester Wave™
for **Security Service Edge (SSE)** Solutions,
Q1 2024

Strong Performer in the *Forrester Wave™*
for **Zero Trust Platforms** *(ZTP), Q3 2023*

Leader in the *Forrester Wave™ for*
**Enterprise Email Security**, *Q2 2023*

**IDC**

Leader in the *IDC MarketScape for **Zero
Trust Network Access** (ZTNA) 2023*

Leader in the *IDC MarketScape for*
**Network Edge Security as a Service** *2023*

# Why Cloudflare?

Cloudflare's single-vendor SASE platform, Cloudflare One, is built in our connectivity cloud — the next evolution of the public cloud, providing a unified, intelligent platform of programmable, composable services that enable any-to-any connectivity between all networks (enterprise and Internet), clouds, apps, and users.

Today, our consolidated security platform and connective tissue positions Cloudflare alongside other hyperscalers vs. other SASE point players. For instance, Cloudflare's connectivity cloud offers other services that improve application performance and security, such as an API gateway, WAF, content delivery network (CDN), and DDoS mitigation — all of which can complement an organization's SASE architecture.

Cloudflare offers the breadth and depth needed to help organizations regain IT control through single-vendor SASE and beyond, accommodating deployment preferences alongside prescriptive guidance. As digital initiatives and security risks keep evolving faster, our network is the most agile to keep organizations connected and protected for the long term.

### Simple, flexible architecture

Fast-track your journey to secure any-to-any connectivity, for all your internal teams. Cloudflare uniformly connects and secures end-to-end using one network and control plane with security built-in.

### Reliable, secure connectivity

Ensure scalable network connectivity with consistent protection anywhere. Deliver Zero Trust for your business using the same Cloudflare proxies that route ~20% of all websites.

### Rapid, early-adopter innovation

Stay ahead of modern business needs to secure your future. Cloudflare is known to build and ship quickly, achieving rapid, native adoption of new Internet and security standards.

**Accelerate your SASE & SSE journey** — Request a workshop

Not quite ready for a live conversation?

Keep learning more in our SASE reference architecture, or see how it works in an interactive tour of our Zero Trust platform.