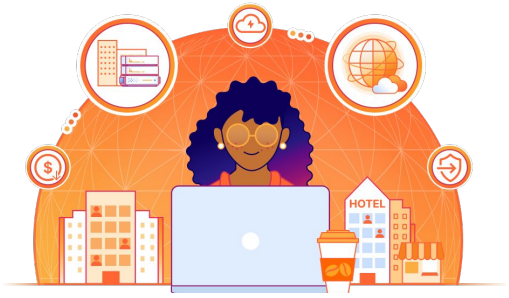
CLOUDFLARE

SOLUTION GUIDE

Coffee shop networking

Modernize networking at any location with SASE to minimize hardware and simplify connectivity with consistent security.



Treat any location like a coffee shop

Working from a coffee shop is simple: grab a latte, open your laptop, and connect to your apps over WiFi. Modern enterprises are taking inspiration from this simplicity to embrace more flexible and cost-effective network architectures at branches, stores, restaurants, manufacturing facilities, and other locations.

This "coffee shop networking" model promises the seamless connectivity that modern workers expect, without the complexity of a traditional private network.

Cloudflare One, the agile SASE platform, provides the foundation for this transition. Shifting from disparate connectivity and security appliances to a unified-by-design cloud network helps you:

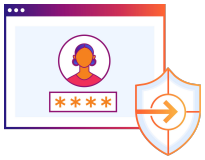
- **Minimize costs and your on-prem footprint** with a light-branch, heavy-cloud approach.
- **Ensure consistent experiences everywhere** at home, the office, or the coffee shop.
- **Enforce zero trust security** with granular policies based on identity, not network location.

The Cloudflare difference

- **Unified WAN and zero trust security** services built to work together on one SASE platform. No more complex SD-WAN overlay configurations that are disjointed from security capabilities.
- **Global scale and consistency** with 3x more network locations than other SASE vendors.
- **Composable and flexible on-ramps** to support any-to-any connectivity L1–L7 on one control plane. No more navigating the caveats of separate SD-WAN and security architectures.
- **Never pay for user bandwidth.** With Cloudflare, user traffic is excluded from WAN pricing. No double paying for user seats and bandwidth.

Recommended roadmap

STEP 1
Modernize user-to-app access



Replace your VPN with Cloudflare's ZTNA

STEP 2
Simplify branch connectivity

Connect sites with Cloudflare WAN

STEP 3
Secure web and cloud access

Secure Internet breakout with Cloudflare's SWG

ONGOING

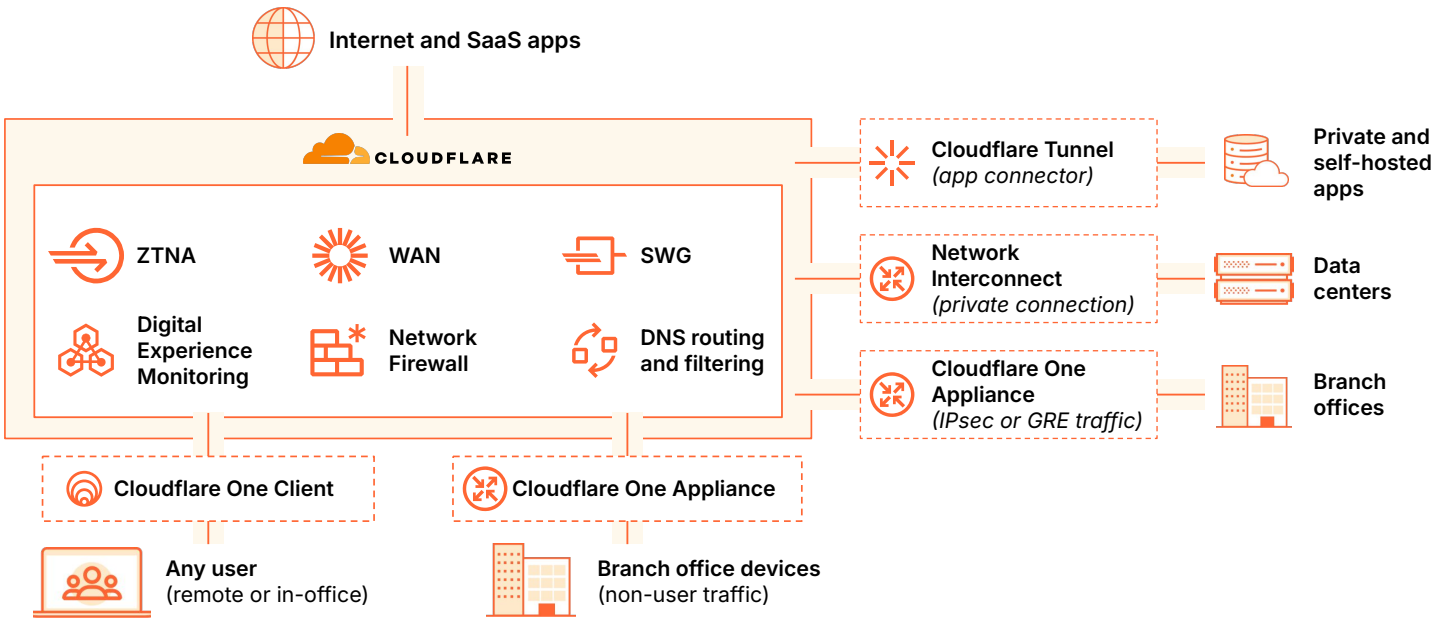
Reduce hardware

Simplify UX

Scale security

Adopt coffee shop networking → **Continue SASE consolidation**

How it works



Step 1: Modernize user-to-app access

Replace legacy VPNs with Cloudflare Access to secure web, SaaS, and private applications. This zero trust network access (ZTNA) service enforces per-app rules based on identity. On-ramps and other capabilities for this step include:

- **Cloudflare One Client:** Deploy to all devices for full proxy controls and post-quantum encrypted connectivity.
- **Cloudflare Tunnel:** Connect apps or private subnets to Cloudflare without requiring VM infrastructure.
- **Cloudflare Digital Experience Monitoring:** Proactively troubleshoot and resolve device, network, and app performance issues.

Cloudflare recommends that ZTNA with the device client serve all user-to-app access needs for remote and in-office workers.

Step 2: Simplify connectivity for branch devices

Secure connectivity from devices that cannot authenticate the way a human can (like printers, cameras, WiFi access points, IoT / OT devices). Steps 1 and 2 together reduces your on-prem footprint.

Cloudflare WAN manages traffic across locations without the complexity of legacy hardware or SD-WAN overlays. On-ramps and other capabilities include:

- **Cloudflare One Appliance:** On-ramp traffic via secure IPsec tunnels using this lightweight, cloud-managed hardware or virtual appliance.
- **Cloudflare Network Interconnect:** Connect data center infrastructure directly to Cloudflare via dedicated physical or virtual links.
- **Cloudflare Network Firewall:** Filter L3 / L4 traffic and enable Intrusion Detection System.

Step 3: Secure Internet breakout

Protect traffic egressing to the public Internet and SaaS apps with Cloudflare Gateway. This secure web gateway (SWG) filters and inspects web-bound traffic with DNS, HTTP, and network policies. Take advantage of other SASE capabilities:

- **Protect data:** Layer other SASE controls like data loss prevention, browser isolation, and out-of-band cloud access security broker.
- **DNS routing and filtering:** Take advantage of Cloudflare's unique strengths as both a recursive and authoritative DNS provider.
- For example, manage DNS records for internal resources on a private network, and then set DNS policies to resolve queries to private and self-hosted resources.