Cloudflare Access
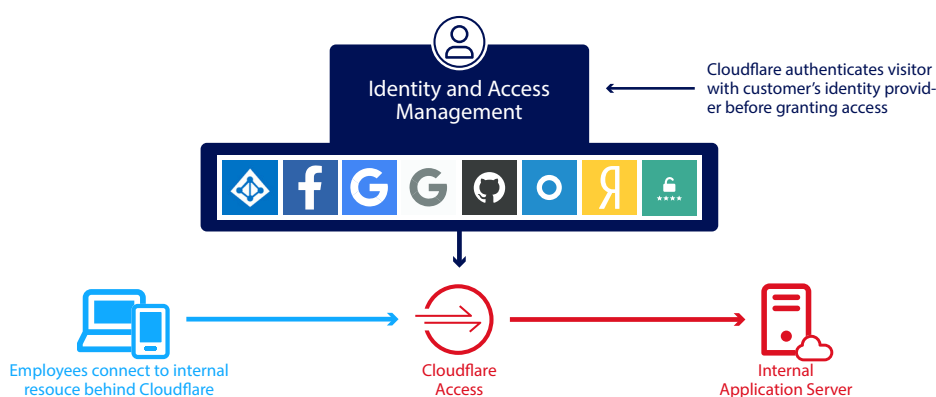
Secure Application Access Without A VPN

Securing internal applications using a VPN is expensive, potentially insecure, and cumbersome. VPN based access control lacks granularity and doesn't meet the performance needs of mobile users.

Cloudflare Access improves security, reduces costs, and protects internal resources by securing, authenticating, and monitoring access per-user and by application. With Cloudflare Access, only authenticated users with the required permissions are able to access specific resources. Support for existing identity providers such as GSuite and Okta ensures the right users have easy and instant access regardless of physical location.

Identity and Access Management

Cloudflare authenticates visitor with customer's identity provider before granting access

Employees connect to internal resouce behind Cloudflare

Cloudflare Access

Internal Application Server

Control User Access to Applications
Enforce access to specific applications on a per-user basis with easy-to-create and manage rulesAdd and remove access to applications without adding one-off groups or creating extra user accountsEasily change access policies from the dashboard or API

Monitor User Access and Change Logs
View and search real-time access logs in the dashboard or integrate with a third party SIEMGet full visibility into: recent logins, access requests, and policy changes. Search for and expand logs directly in the dashboard to see affected users, associated IPs, domains, actions taken, and timestamps

Access Infrastructure without
SSH Keys Remove the need for static SSH keys from local machinesScope access to specific machines, monitor for anomalous behavior and automate employee offboardingReplace developers SSH keys with short-lived certificates

Deploy & Manage Access Control
Quickly Leverage existing identity providers and authenticate on the Cloudflare global networkMaintaining multiple or shared user accounts to internal resources is no longer necessarySupported Identity providers include: Google™, G Suite™, Github™, Okta™, Facebook™, and more

Deliver Fast Applications to Devices Anywhere
Get easy, secure, and fast access to internal applications wherever users are and from whatever device they useCloudflare's global network accelerates applications while also eliminating additional latency and the unnecessary authentication hassles of VPNs

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Cloudflare Access

VPN vs. Cloudflare Access
Total Cost of Ownership and Feature Comparison

By retiring your VPN with Cloudflare Access, your support and security teams will be freed from troubleshooting and firefighting unnecessary VPN issues. Additionally, both your team and developers will increase productivity and security when protecting and connecting to applications regardless of device.

Below you will find a breakdown of the annual costs of owning a VPN vs. Cloudflare Access and a feature comparison.

	Unit	Standard VPN	Cloudflare Access
Yearly Total Cost of Ownership		**Per year**	**Per year**
Physical devices	2	CHF 10,900.-	CHF 0.-
User fee	1000	CHF 43,600.-	CHF 50,500.-
Ongoing support	10 hours / month	CHF 1,800.-	CHF 0.-
Developer time (25 developers)	Minutes x CHF 45,52	CHF 102,400.-	CHF 28,700.-
Adding new applications	Minutes x CHF 45,52	CHF 24,600.-	CHF 1,100.-
Internal customer support costs	Minutes x CHF 45,52	CHF 163,900.-	CHF 32,800.-
Internal security team costs	Minutes x CHF 45,52	CHF 65,500.-	CHF 32,800.-
Total		**CHF 412,700.-**	**CHF 145,900.-**

Feature Comparison	Standard VPN	Cloudflare Access
Web & SSH support	✓	✓
Granular app access control	✗	✓
Path based policies	✗	✓
Wildcard app access	✗	✓
Dynamic split tunneling	✓	Not Required
Certificate pinning	✓	✓
SAML 2.0 SSO	✓	✓
Enhanced SAML 2.0	✓	✓
Third-party IdP support (Okta, G suite, etc)	✗	✓
Multiple IdP support	✗	✓