

Cloudflare One

Modern Zero Trust for Federal Networks

Operational Pain Points



Remote access performance is constrained by centralized VPN backhaul.



Excessive internal trust increases lateral movement risk.

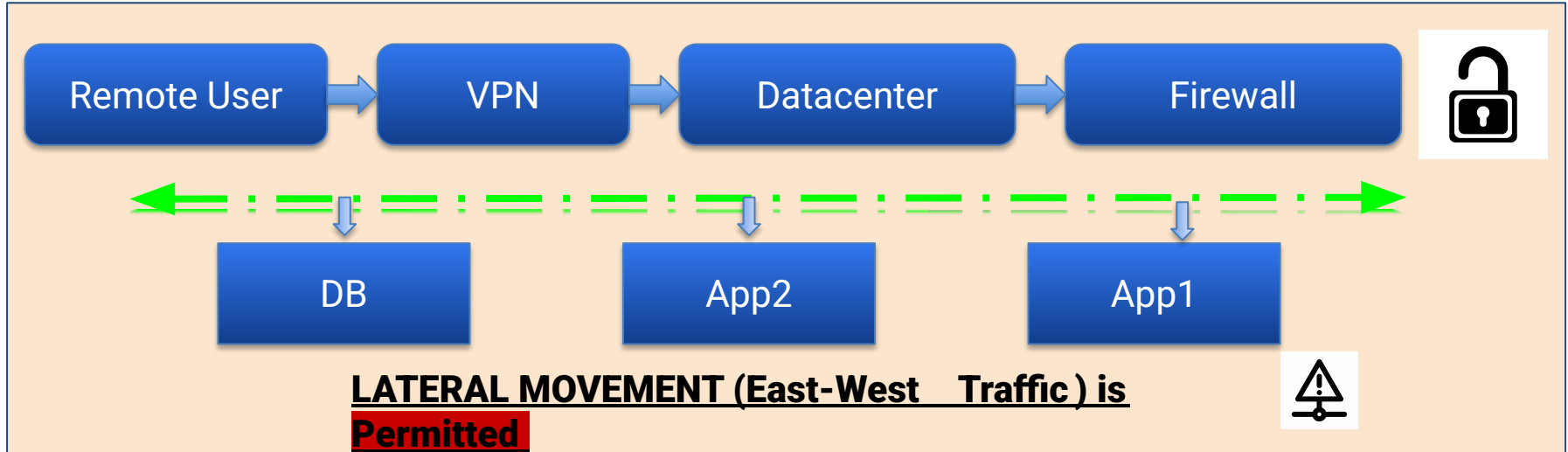


SaaS adoption is growing faster than centralized policy enforcement.

Zero Trust and compliance requirements demand least privilege, continuous verification, and auditability.



Legacy Backhaul Architecture East/West Traffic Model



Legacy Security Falls Short: The Path Forward

Flaw #1: Traditional networks often assume that software from approved vendors is inherently trustworthy. Once installed, that software is typically granted broad internal access.

Resolution: *Nothing is automatically trusted—even approved applications, nothing is automatically trusted—even approved applications*

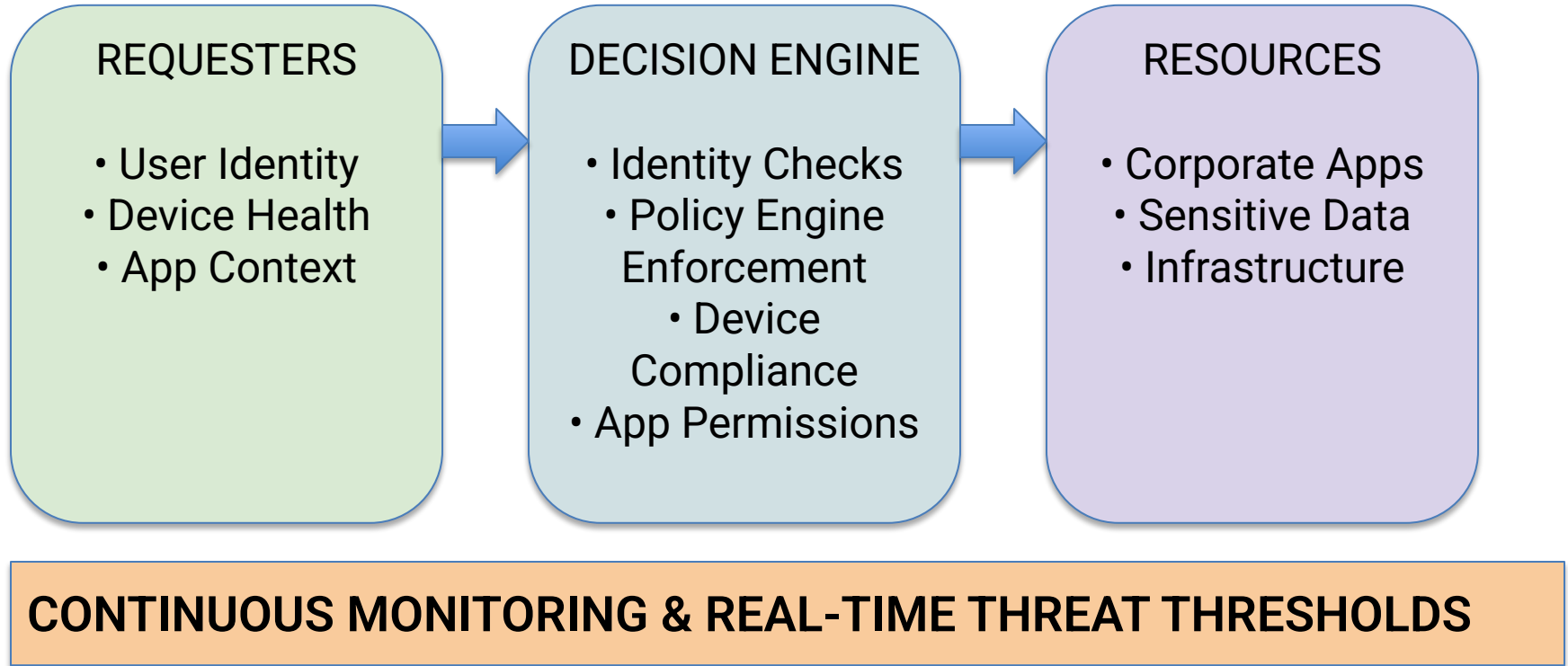
Flaw #2: Legacy architectures rely heavily on perimeter security (“trust everything inside the firewall”). Once attackers get inside, they often gain broad access.

Resolution: *Continuous identity verification, device validation, and access control for every request.*

Flaw #3: Flat networks allow lateral movement—attackers who compromise one device can pivot across servers, applications, and databases.

Resolution: *Microsegmentation and Policy Enforcement*

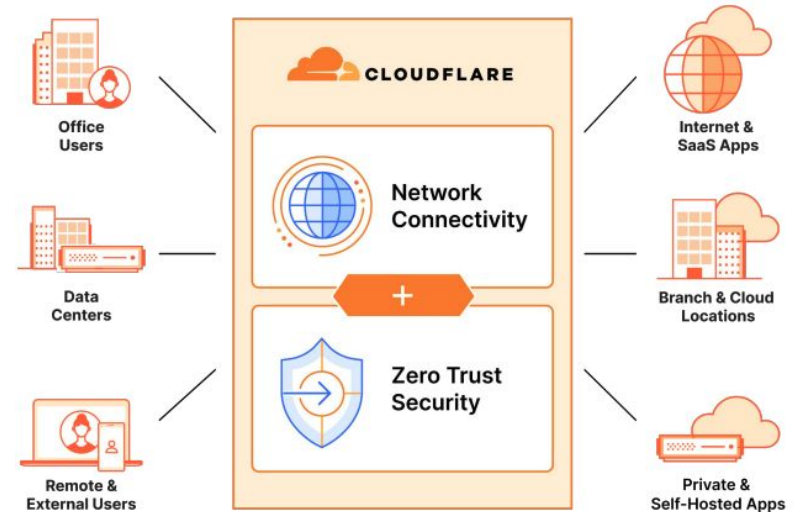
Zero Trust Architecture – Executive Flow



Cloudflare's Zero Trust Model:

Cloudflare extends Zero Trust and SASE capabilities to the edge, strengthening security while reducing operational complexity.

This allows engineering teams to prioritize mission assurance, infrastructure modernization, and operational resilience over routine firefighting.



Simple Truth of Zero Trust

- Measurable business value:
 - Up to 92% ROI from reduced support costs and faster provisioning.
 - Infrastructure costs decrease by up to 65% by retiring legacy VPN and firewall dependencies.
- Alleviating engineers from Tier-1 support and allowing them to be Engineers again 🧐.

Final Statement:

Legacy security asks: “Are you inside the network?”

Zero Trust asks: “Can you prove you should have access right now?”