APPGATE

Adopting Zero Trust Security

IT Broke Traditional Security

An expanded digital footprint, influx of connections, on-demand operating models and pervasive threats require a better approach to security.

Zero Trust Security eliminates the idea of a trusted perimeter-based network. The model default denies access to systems until trust is extensively verified and strictly controls lateral movement.

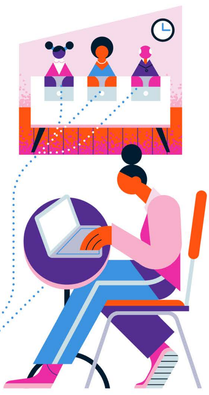
People

Challenges

Employees, vendors and contractors are all connecting to your predominately flat network from anywhere, at any time.

Our Approach

Extensively verify user identity based on contextual variables, device security posture and multi-factor authentication. Only permit conditional access to approved resources. Make everything else invisible.



Devices

Challenges

BYOD, the mobile workforce and unsecured IoT devices are all attack vectors connected to your network; they will only continue to proliferate.

Our Approach

Limit network entry by isolating IoT devices to prevent lateral movement. For user devices, neutralize compromise attempts and use device security posture as criteria for access.

Data

Challenges

Data is your most protected and wanted asset. It can drive innovation, but in the wrong hands can cause devastation.

Our Approach

Use mutual TLS encrypted 1:1 tunnels to secure data flows, limit and control access to sensitive databases and emulate data exfiltration techniques to unearth vulnerabilities.

Networks

Challenges

The network perimeter is no longer static. It's constantly changing, following your workforce, deployments and devices.

Our Approach

Limit access and lateral movement with a segmented and invisible network, across all environments. Ensure all access is trusted by continuously authenticating users and devices.

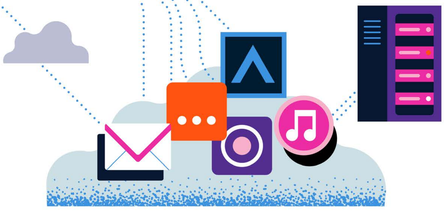
Workloads

Challenges

Legacy apps lack modern security and cannot keep pace with cloud. Your new attack surface is distributed, hybrid and highly elusive.

Our Approach

Make server ports invisible to prying eyes, unify privileged access to, and between, all heterogeneous environments, and automate security to scale with your workloads.



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A Focused Approach to Zero Trust

For security teams, focus has become critical. They are drowning in complexity and are inundated with manual tasks from legacy and siloed solutions. The Zero Trust Model provides guidance and a true north for transforming how your organize approaches security.

AppGate offers straightforward framework for achieving Zero Trust and improving cyber-resilience by prioritizing three fundamental challenges:

REDUCE YOUR ATTACK SURFACE

Become a smaller target, making resources invisible and resilient to threat actors

SECURE YOUR ACCESS

Adopt an identity-centric approach that factors in context before granting access

NEUTRALIZE YOUR ADVERSARIES

Proactively detect and remove internal and external threats targeting your organization

START YOUR ZERO TRUST JOURNEY ›

> “Zero Trust is a fundamental transformation of corporate security from a failed perimeter-centric approach.

FORRESTER