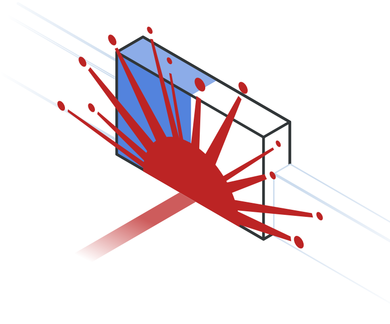
What is Zero Trust?

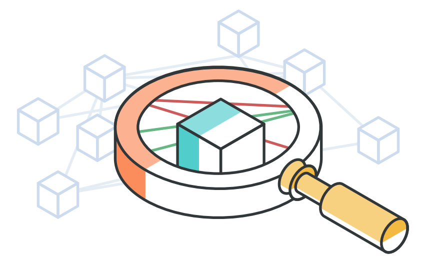
The what, why, and how of Zero Trust.

Zero Trust is a security strategy, a framework, and a mindset based on the following core principles:



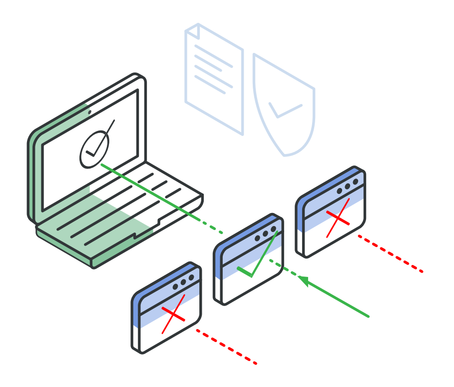
Assume breach

Assume the perimeter is breached and focus on stopping lateral movement.



Monitor and verify everything

Continuously monitor and validate every attempt to connect.

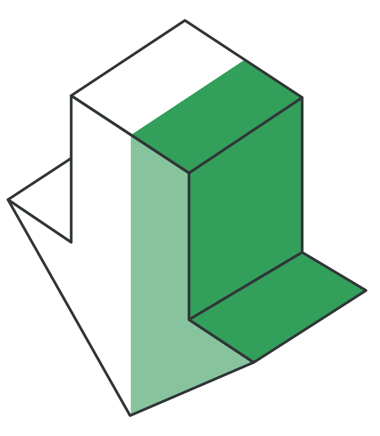


Deny by default

Explicitly limit allowed connections to a minimum required to complete a task.

The Value of Zero Trust to the Business

37% reduction in risk exposure



31% lower IT security costs

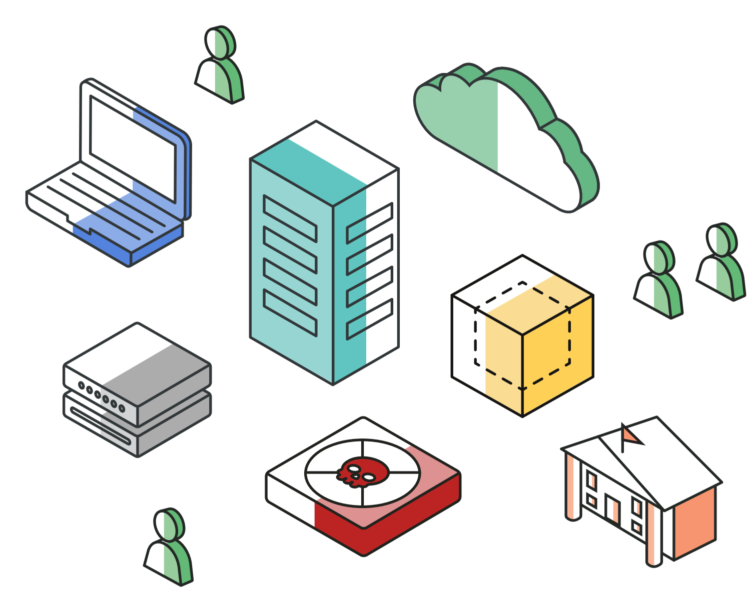
"Zero Trust is strategically focused on addressing lateral threat movement within the infrastructure by using micro-segmentation."

FORRESTER

Top Zero Trust Architecture Requirements

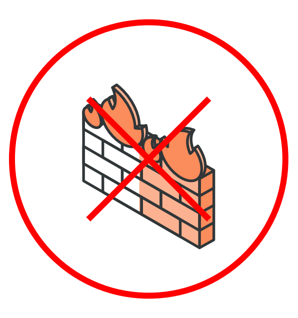
- **Comprehensive visibility** across users, endpoints, and workloads.
- **Continuous evaluation and validation** to adapt security to the dynamic nature of threats and environments.
- **Attack surface reduction** by implementing an allowlist model.

Key Considerations for Enabling Zero Trust

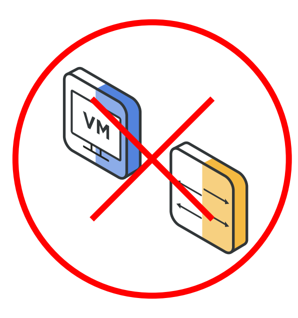


Users, endpoints, workloads, and threats are everywhere. Your Zero Trust architecture must be designed to work everywhere.

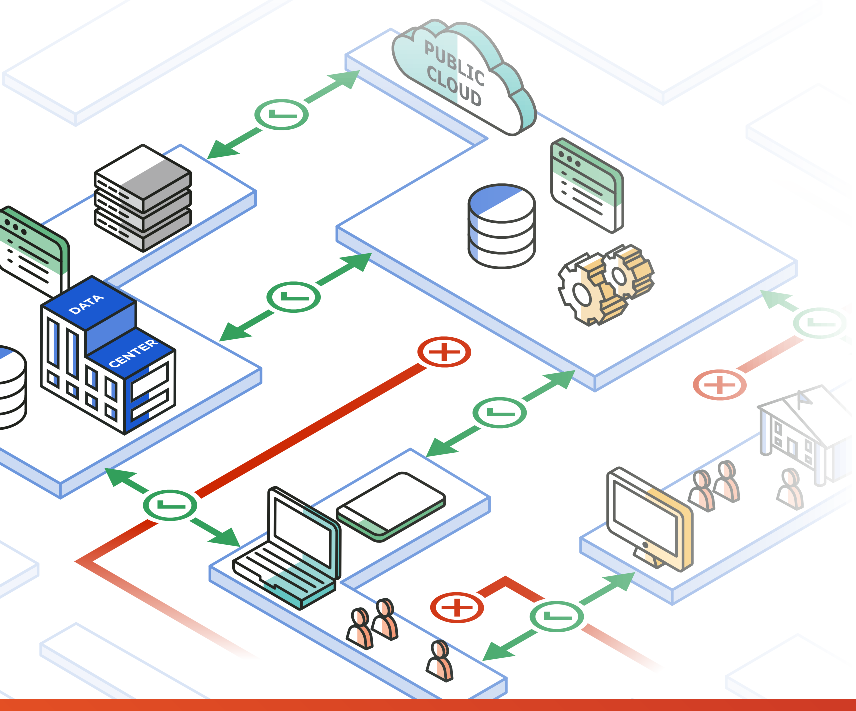
Choosing the right architecture is critical. Traditional approaches like SDN and firewalls are short on visibility, long on complexity, and lengthy to deploy.



Firewall



SDN



Micro-segmentation is a more effective approach to enable faster and safer end-to-end Zero Trust security across data centers, clouds, and endpoints.

3 Steps to Zero Trust Micro-Segmentation with Illumio

1 Discover

See and understand how users, devices, and applications are connected.

2 Define

Architect optimal segmentation controls to reduce risk and deployment complexity.

3 Enforce

Apply default-deny policies across data centers, clouds, and endpoints.

Learn more at **illumio.com/solutions/zero-trust**

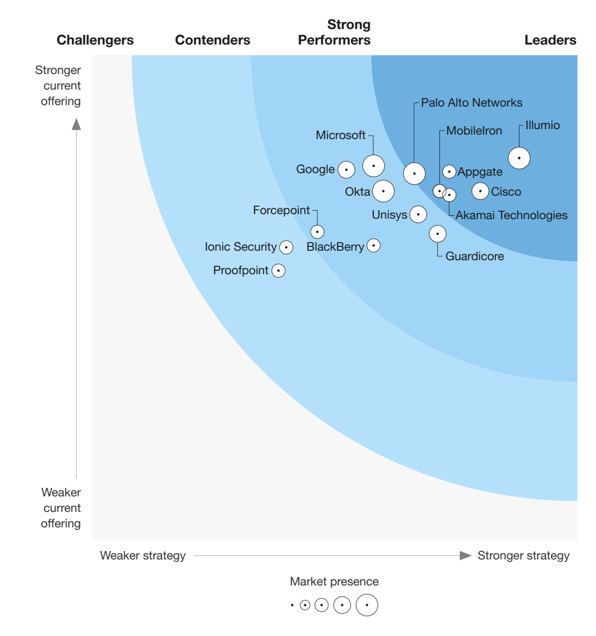
A Leader in Zero Trust

FORRESTER

Illumio named a Leader in The Forrester Wave™ for Zero Trust

Highest scores in current offering, strategy and market presence.

Read the report: **illumio.com/zt-wave**



Trusted by Leading Organizations

Companies around the world accelerate their Zero Trust journeys with Illumio.

"A combination of Illumio Core and Illumio Edge gives us end-to-end Zero Trust by default and has enabled us to demonstrate a more secure network to regulators and auditors. The visibility and manageability we get from Illumio is greatly helping our Zero Trust journey."

Kerry Peirse, General Manager, Infrastructure Operations and Security

CATHAY PACIFIC

Watch the video: **illumio.com/cathay**

illumio

Learn more at: **illumio.com/solutions/zero-trust**

The Forrester Wave ™ is copyrighted by Forrester Research, Inc.
Forrester and Forrester Wave ™ are trademarks of Forrester Research, Inc.