

# Illumio Segmentation

Control lateral movement to stop breaches and ransomware attacks from becoming cyber disasters.

## Modern segmentation for modern networks

Today's networks are sprawling, hybrid, and constantly changing — the perfect conditions for cyberattacks.

In the last year alone, 88% of organizations were hit with ransomware, and 58% of them were forced to halt operations as a result.

In today's world of hybrid, multi-cloud environments, remote work, and distributed apps, traditional perimeters are long gone.

Once attackers get in, they spread across your network fast and quietly infect critical data and systems. This lateral movement is difficult to detect, making breaches not just more frequent but more sophisticated and far more destructive.

Cybersecurity experts agree that a Zero Trust approach anchored in segmentation is the most effective way to contain breaches, reduce risk, and build resilience.

Illumio Segmentation gives you the control to get granular visibility into network traffic, fix vulnerabilities, stop unauthorized lateral movement, and contain breaches — in the cloud, data center, or on an endpoint.

## Key benefits

### Complete, granular visibility

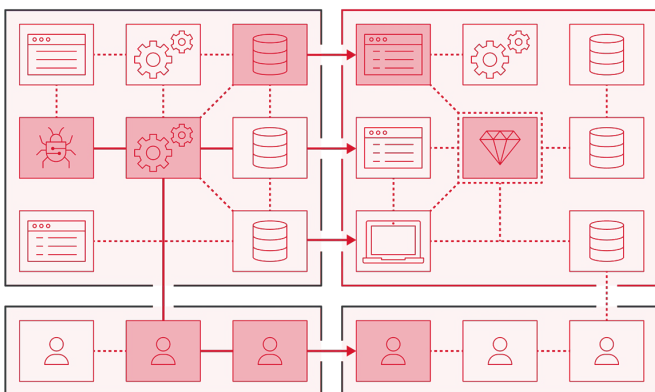
Map how workloads communicate. Uncover hidden risks, then create policies that automatically shut down typical ransomware routes to prevent its spread.

### Segmentation simplified

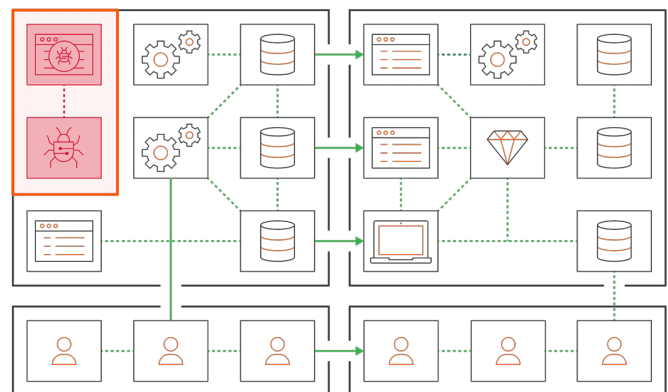
Segment all workloads across cloud, endpoint, and data center workloads. Stop breaches from spreading. Isolate compromised systems. Get segmentation that scales with you.

### Zero Trust with zero hassle

Segmentation is the foundation of any Zero Trust strategy. Enforce least-privilege access. Eliminate implicit trust across your hybrid, multi-cloud environment.



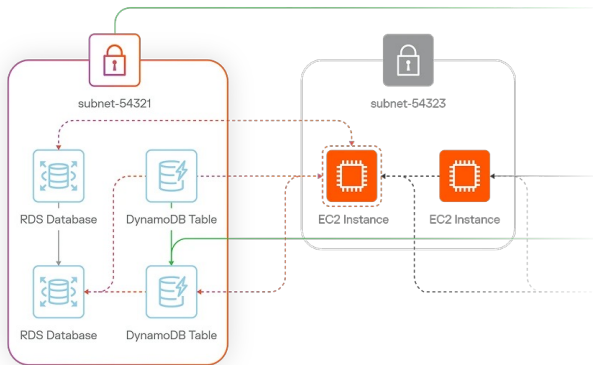
Without segmentation, breaches spread rapidly



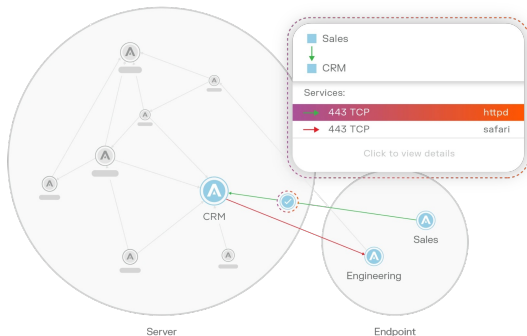
With segmentation, breaches are contained and detected.

## One segmentation solution for every environment

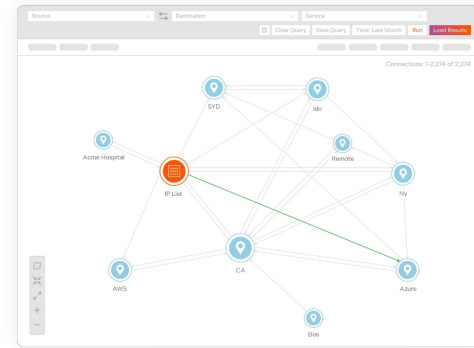
No matter where your workloads live — in the cloud, on endpoints, or across data centers — Illumio Segmentation delivers one consistent, easy, scalable solution. Say goodbye to siloed tools and hello to unified Zero Trust security that adapts to your entire environment.



**Contain cloud attacks at their source.** Visualize cloud applications, resources, traffic flows, and metadata. Build consistent, dynamic segmentation across hybrid, multi-cloud environments and containers.



**Contain breaches at a single workstation, laptop, or virtual machine,** even before it's detected by other security tools. Visualize endpoint and application traffic communication across your network and enforce least-privilege access.



**Contain breaches across on-premises data centers, containers, IT/OT, and virtual machines.** See all traffic everywhere, no matter your network's architecture, size, or complexity. Segment workloads without disrupting operations.

## Leverage an AI security graph

The Illumio platform is built on an AI security graph for an unparalleled real-time view of your attack surface. Illumio Insights and Illumio Segmentation work together to deliver comprehensive breach containment.

Illumio Insights delivers AI cloud detection and response (CDR) that identifies lateral movement risks, detects attacks, and contains threats instantly — all at cloud scale. Illumio Segmentation helps you quickly see risk and set policy to prevent the spread of breaches.

**Contain the breach with Illumio Segmentation**

[illumio.com/illumio-segmentation](https://illumio.com/illumio-segmentation)

## About Illumio



Illumio is the leader in breach and ransomware containment, redefining how organizations contain cyberattacks and enable operational resilience. Powered by the Illumio AI Security Graph, our breach containment platform identifies and contains threats across hybrid multi-cloud environments – stopping the spread of attacks before they become disasters.

Recognized as a Leader in the Forrester Wave™ for Microsegmentation, Illumio enables Zero Trust, strengthening cyber resilience for the infrastructure, systems, and organizations that keep the world running.

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