ILLUMIO CORE

Stop Ransomware and Isolate Breaches With Zero Trust Segmentation

See your risks and enforce Zero Trust security controls to increase cyber resilience across hybrid clouds, data centers and endpoints

Assume Breach: Prevent Lateral Movement

In the work from anywhere era, protecting data and digital assets has become increasingly difficult. Businesses are rapidly adopting new technologies and IT infrastructure is becoming more complex. At the same time, organizations must be able to move faster and be more agile.

As digital networks extend into hybrid and multi-cloud environments to support increasingly remote, mobile and virtual workforces, organizations must assume that perimeter defenses will be breached. News reports of successful attacks have made clear that organizations cannot depend on perimeter defenses alone.

Security must now focus on restricting the stages of attack after an initial compromise occurs by preventing cybercriminals and malware from moving laterally across the network.

That's where micro-segmentation and Zero Trust security play an essential role in providing defense-in-depth, helping protect critical systems, applications and data.

Zero Trust Segmentation With Zero Complexity

Illumio Core offers micro-segmentation that simplifies and accelerates the adoption of a Zero Trust architecture, what we call Zero Trust Segmentation.

Illumio Core delivers unified and continuous visibility across your clouds, data centers and endpoints so that you can quickly identify high-risk traffic and connections. This visibility is key to making confident, strategic decisions for creating Zero Trust Segmentation policies to secure critical applications and workloads.

By combining guided workflows with an infrastructure-agnostic architecture, Illumio Core delivers fast, simple segmentation. Your applications and workloads will be protected wherever they run — in physical services, virtual machines, containers and public clouds.

Illumio Core makes it easy to design, test and enforce the right level of segmentation granularity at any scale. What's more, Illumio's segmentation policies automatically adapt to application or infrastructure changes, ensuring continuous protection.

Fast, Simple Protection For Critical Applications and Data

Illumio Core delivers key capabilities to meet your most important security and compliance requirements

Know Your Risks
Gain continuous and actionable insights into high-risk traffic across your applications, workloads, cloud objects and endpoints.

Enforce Zero Trust Quickly
Rapidly implement Zero Trust policies to stop ransomware and other cyberattacks from spreading to critical systems and data.

Bolster Business Agility
By automatically updating segmentation policies as your infrastructure changes, Illumio Core ensures security doesn't slow down your business.

Illumio Core Key Innovations

Risk-Based Visibility

Illumio Core makes it easy to visualize and gain insights from all application communications through one centralized map. Integrate data from your vulnerability scanner for additional risk context, including which vulnerabilities are most exposed.

"Enforce and Expand" Capabilities

Use a guided workflow to quickly identify risky traffic, ports and application scope, define blocking policies, and test the impact. Then move into selective enforcement in a matter of minutes — all while avoiding firewall rule ordering complexity.

Core Services Identification and Protection

Automatically identify highly connected core services through machine learning. Get automated policy recommendations to enforce Zero Trust Segmentation and shore up these critical systems.

Automated Policy Suggestions

Save critical time and reduce the risk of human error by using a simple automated workflow to ensure you build the right policies. Illumio tunes policies to the degree of restrictiveness you require, down to fine-grained application workload, port and process levels.

Security at Any Scale, Anywhere

From hundreds of workloads to more than 100,000 spanning multi-cloud, hybrid and on-premises data centers, Illumio Core goes wherever your business grows. Use a single control plane for managing policies at scale without adding extra hardware or making changes to the way you configure them.

> "Illumio Core solved our challenges of managing fine-grained segmentation policies at scale. We now have the proper protections in place to stop lateral movement and keep hackers from accessing our critical applications and data."
>
> **Edwin Leong**
> **Data Security Architect**
> **MGM China**

Visibility, Control and Protection for Modern Organizations

Learn more about how Illumio Core provides modern segmentation capabilities for Zero Trust security.

Quickly build your organization's cyber resilience and protect your critical systems, applications and data.

Visit: www.illumio.com/products/core

About Illumio

Illumio, the pioneer and market leader of Zero Trust Segmentation, prevents breaches from becoming cyber disasters. Illumio protects critical applications and valuable digital assets with proven segmentation technology purpose-built for the Zero Trust security model. Illumio ransomware mitigation and segmentation solutions see risk, isolate attacks, and secure data across cloud-native apps, hybrid and multi-clouds, data centers, and endpoints, enabling the world's leading organizations to strengthen their cyber resilience and reduce risk.