ILLUMIO CORE

Simplified Zero Trust Segmentation

Workload security at any scale in any environment

Fast, Simple Zero Trust Segmentation

Ransomware and cyberattacks need to move across an organization to be successful. Although legacy segmentation products and firewalls claim to reduce the attack surface, they are complex, costly and time-intensive to deploy.

Illumio Core makes it easy to segment your IT estates and secure your workloads. Illumio Core stops cyberattacks and ransomware from moving to other applications, clouds, containers, data centers, and endpoints. Illumio Core is an easy, fast, and proven micro-segmentation solution that delivers intelligent visibility, a radically simple policy creation engine, and automated segmentation and enforcement in minutes.

The Value of Illumio Core

Intelligent visibility into all application communications for all teams.

Radically simple policy creation that automatically builds the rules and controls.
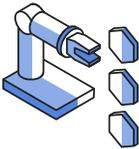
Automated enforcement that enables you to segment in minutes.
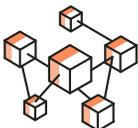
Security at any scale across your applications, clouds, data centers, and endpoints.

Out-of-the-box integrations that work with your security ecosystem.

"I've got huge trust in Illumio. They are right on the ball and know what we're trying to achieve. They're just easy. Easy seems to be a theme that comes through both at a solution level and at a company level."

Kerry Peirse, General Manager Infrastructure, Operations, and Security, Cathay Pacific

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Benefits of Zero Trust Segmentation

The world is going to spend more than $150 billion on security and risk management technology in 2021, according to Gartner[1]. Yet, we are experiencing more breaches and ransomware attacks than any time in history and the most catastrophic outcomes of all time. Security transformation is failing to keep pace with not just business transformation but with the velocity and complexity of the modern attack landscape.

Zero Trust Segmentation eliminates cyber disasters instead of just building a secure perimeter. Illumio Core provides intelligent visibility that maps all communications between your applications independent of location or platform. This map makes it simple to create security policies that only allow trusted communications, effectively containing cyberattacks and stopping ransomware. Automation allows you to quickly segment high value assets or your most vulnerable services first, then progressively enforce segmentation across your business to accelerate your Zero Trust journey.

Real-Time Intelligent Visibility

Illumio's patented approach to Zero Trust Segmentation starts on day one by immediately providing the most detailed map available of the entire IT environment. This map delivers immediate benefits, giving you a simplified view of all workload communications between applications, clouds, containers, data centers, and endpoints.

Security Controls Across Any Environment

Illumio Core has a radically simple policy creation engine that builds advanced security controls and policy at the application, tier-to-tier, port, and process level. Illumio automatically places the policies in the right location so you don't have to worry about rule conflicts. This makes fine-grained segmentation fast and easy and eliminates the painful rule ordering that is common to most micro-segmentation products.

Segment in Minutes with Automated Security Enforcement

Automated security enforcement makes it as easy as possible to achieve a strong security posture in minutes. Create and enforce broad policies or start by protecting specific locations first and expanding over time – all without the need to rewrite or reprioritize existing rules. Policies can be staged and tested against real-time traffic to assess impact to applications prior to enforcement.

Multi-Cloud, Hybrid and On-Premises Security at Scale

Illumio Core works at any scale in any environment. Customers have deployed workload security across environments as small as hundreds of workloads and as large as more than one hundred thousand. Unlike other solutions, Illumio Core was built for a multi-cloud, hybrid world and works across any application, cloud, container, data center, or endpoint.

And we have out-of-the-box integrations with the top technologies you rely on as part of your security ecosystem.

1. https://www.gartner.com/en/newsroom/press-
   releases/2021-05-17-gartner-forecasts-worldwide-
   security-and-risk-managem
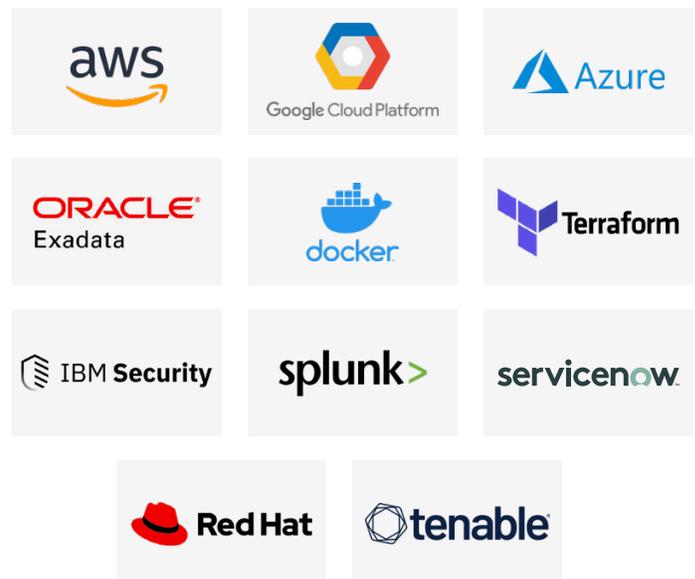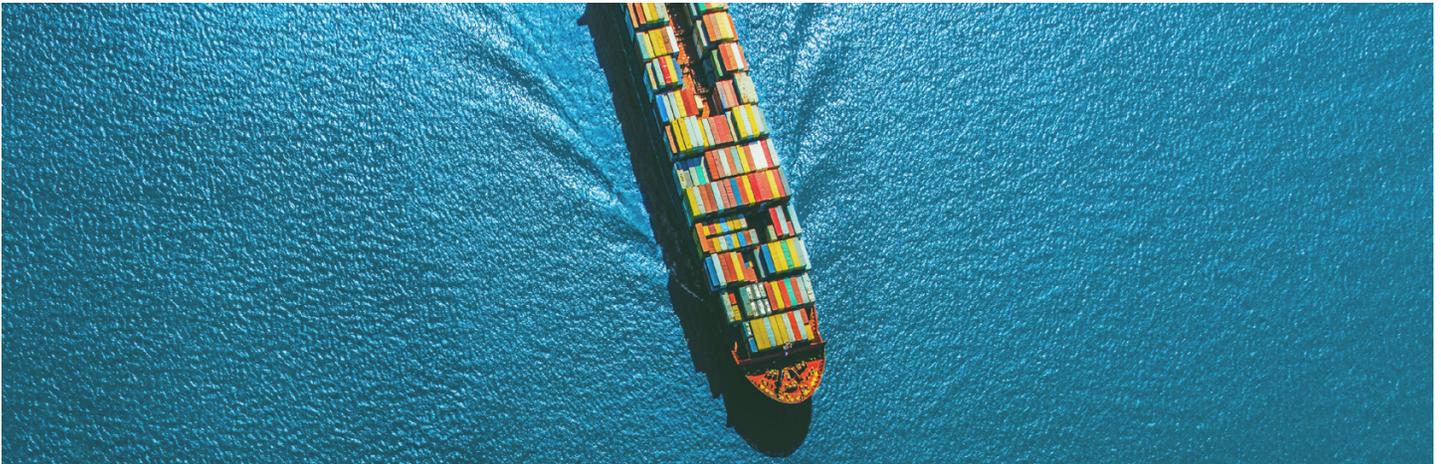
"We are always looking for simple solutions to complex problems. For an organization of our size and scale and complexity, traditionally rolling out an equivalent solution was a multi-year proposition. But with Illumio, we had production assets enforced and under control in months, fulfilling our need to move faster and further our Zero Trust posture."

Andrew Dell, Global CISO, QBE Insurance

Simple for architects

Illumio Core provides a proven and performant platform for security architects to see, segment and secure multi-cloud, hybrid and data center environments with the ability to translate business mandates to micro-segmentation within minutes.

Network architects can automate, operationalize, and manage the business policy lifecycle without the hefty operational costs associated with legacy firewalls and alternate segmentation products.

Easy for security teams

Illumio Core reduces risk by only allowing trusted communications to move laterally across an organization. Being decoupled from the underlying infrastructure makes it very simple to build policy based on applications instead of networks or legacy security systems. Integrations with leading technologies across the security ecosystem make it easy for real-time data from Illumio to add value across other critical security operations.

Tailored for DevOps

The simple labeling method used by Illumio Core to identify workloads means that applications are already protected when deployed. Application owners and developers can see and test the impact that policies will have based on real-time data flows, and adjust rules as needed before deployment. They also get custom views that specifically showcase their applications and the traffic impacting workloads.

Illumio Core Use Cases

Hybrid Cloud Workload Protection

Stop ransomware and cyberattacks from spreading by securing all workloads across data center, private and public clouds from a single view.

Cloud-Native Security

Complete protection for cloud-native deployments, containerized and traditional environments in one integrated platform.

Intelligent Visibility

Comprehensive and continuous mapping of all applications, application dependencies, data and network flows.

Micro-Segmentation for Compliance

Achieve compliance on time and dramatically simplify the audit process.

Cloud Migration

Fearlessly migrate to the cloud with the knowledge that your security policy and enforcement automatically moves with you.

"We feel confident that we're protected. Illumio makes it easy to become a real expert at your own application behavior."

Joel Duisman, Principal IT Security Architect, ServiceNow

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Illumio, the pioneer and market leader of Zero Trust Segmentation, stops breaches from becoming cyber disasters. Illumio Core and Illumio Edge automate policy enforcement to stop cyberattacks and ransomware from spreading across applications, containers, clouds, data centers, and endpoints. By combining intelligent visibility to detect threats with security enforcement achieved in minutes, Illumio enables the world's leading organizations to strengthen their cyber resiliency and reduce risk.

Gartner
peerinsights™

See what customers have to say about Illumio.

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