INDUSTRY BRIEF

Illumio: Securing State and Local Governments

Zero Trust Segmentation (ZTS) protects data, builds resilience, and achieves compliance in the public sector

The challenge

State and local agencies are at high risk for ransomware and breaches, resulting in significant cyber risk. In fact, according to a report by Forbes, government agencies were the second-most attacked sector in 2021, and public sector cyberattacks continue to increase exponentially.

Public sector resources are highly visible targets for threat actors whose motivations include financial gain, propaganda, and disruption of critical infrastructures. Breaches are now inevitable, and it's clear that traditional prevention and detection technologies aren't enough to stop cyberattacks.

Securing state and local resources against today's threats requires implementing Zero Trust breach containment strategies listed in many recent government guidelines and mandates. By building a Zero Trust architecture, state and local agencies can meet cybersecurity guidelines and mandates, lower cyber insurance costs, protect data, and build trust.

The solution

Illumio delivers these benefits with Zero Trust Segmentation (ZTS). ZTS enables granular control of all lateral network traffic between workloads, both in on-premise data centers and in the public cloud.

The Illumio ZTS Platform delivers:

- **Unparalleled visibility:** Gain a complete, detailed view of all traffic flows between workloads in seconds
- **Consistent enforcement:** Implement uniform policy across hybrid environments without silos
- **Enhanced cyber resilience:** Contain and reduce the impact of breaches for uninterrupted mission execution.

Key benefits of Illumio

Meet compliance requirements

Illumio enables state and local agencies to implement cybersecurity regulation requirements such as Section 508.

Lower cyber insurance costs

Cyber insurance requires lateral segmentation between workloads to reduce insurance premiums. Illumio ZTS enables these segmentation requirements, reducing costs.

Proactive ransomware protection

ZTS and integrations with leading OT vendors protect critical infrastructure to maintain operations even in an attempted attack.

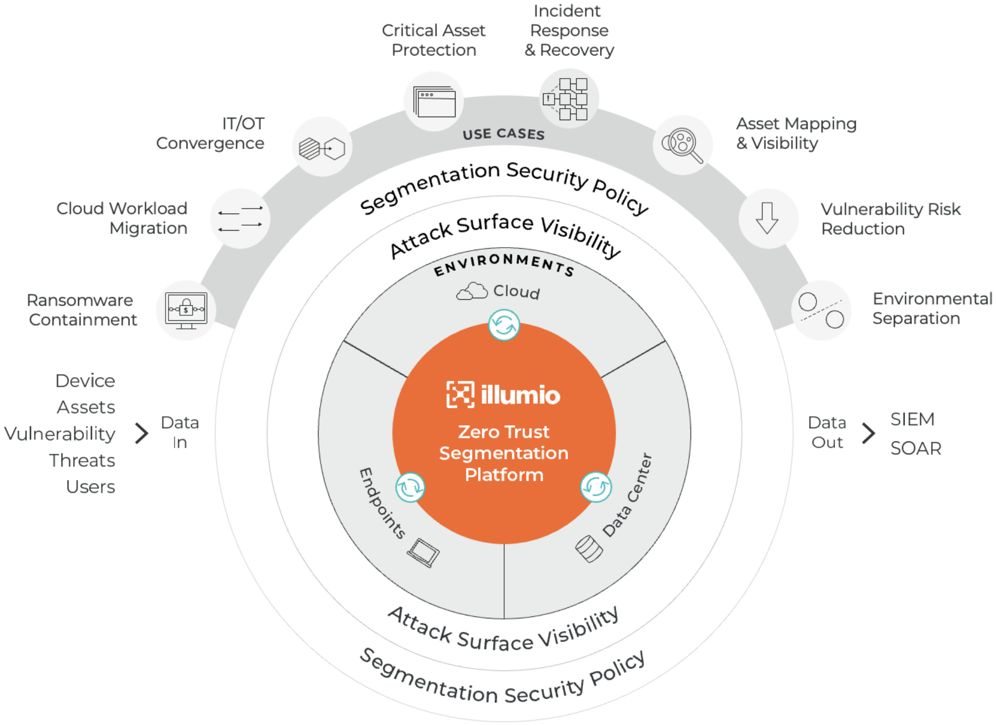
How it works

According to IBM's Cost of a Data Breach Report 2022, nearly 30% of public sector agencies experienced a destructive data breach or ransomware attack in 2022.

By restricting traffic movement in the data center, the cloud, and on endpoints, Illumio blocks attackers from infiltrating deeper into the network. With Illumio ZTS, state and local governments can stop and contain attacks before they spread and cause significant harm.

The Illumio ZTS Platform allows state and local agencies to:

- **Eliminate blind spots:** Visualize all communications and traffic between workloads across on-premises and cloud environments.
- **Prevent lateral movement:** Lower the risk of adversaries accessing sensitive information by controlling east-west traffic.
- **Ringfence high-value assets:** Proactively control communications and isolate business-critical applications and environments.
- **Move securely to the cloud:** Whether a "lift and shift" or re-architecture, visibility and protection follow for mission continuity.
- **Ensure continuous protection:** Maintain protection in disconnected and air-gapped networks, even if access to Illumio is lost.
- **Control information sharing:** Restrict third-party access to only allow what is necessary and wanted within the environment.


Critical Asset Protection
Incident Response & Recovery
IT/OT Convergence
USE CASES
Asset Mapping & Visibility
Cloud Workload Migration
Vulnerability Risk Reduction
Ransomware Containment
Environmental Separation
Segmentation Security Policy
Attack Surface Visibility
ENVIRONMENTS
Cloud
illumio
Zero Trust Segmentation Platform
Endpoints
Data Center
Device
Assets
Vulnerability
Threats
Users
Data In
Data Out
SIEM
SOAR
Attack Surface Visibility
Segmentation Security Policy

About Illumio

Illumio, the Zero Trust Segmentation company, stops breaches and ransomware from spreading across the hybrid attack surface. The Illumio ZTS Platform visualizes all traffic flows between workloads, devices, and the internet, automatically sets granular segmentation policies to control communications, and isolates high-value assets and compromised systems proactively or in response to active attacks. Illumio protects organizations of all sizes, from Fortune 100 to small business, by stopping breaches and ransomware in minutes, saving millions of dollars in application downtime, and accelerating cloud and digital transformation projects