



# Ixom Achieves Secure Segmentation Across Environments with Illumio



Securely segmenting across the data center, brownfield applications, and Azure with Zero Trust confidence.

## SUMMARY

**Industry:** Industrial chemical manufacture and trade

**Environment:** Cloud data centers, on-premise servers and brownfield applications

**Challenge:** Securing critical infrastructure and legacy applications with Zero Trust controls

**Solution:** Zero Trust segmentation with Illumio's Adaptive Security Platform® (ASP) for ringfencing

**Benefits:** Prevent unauthorized access to limit vulnerabilities and risk exposure

## Customer Overview & Challenge

Ixom, a leading industrial chemical manufacturer based in Melbourne, faced multiple IT challenges securing legacy applications that require unsupported platforms for continued operations, as well as the desire to network harden critical IT infrastructure to decrease the risk from vulnerabilities. With a portfolio of global businesses across geographies, cloud infrastructure was critical to gaining efficiencies. Yet governing cloud environments posed its own security challenges.

A transition from Multi-Protocol Label Switching (MPLS) routing to a Software-Defined Wide Area Network (SD-WAN) allowed Ixom's core IT team to decouple controls from the network for more agility and effectiveness. Adopting a Zero Trust security approach, they sought a whitelisting solution to limit exposure by preventing unauthorized access to any system. But manual methods proved untenable, both to architect and maintain.



## Illumio Solution

Ixom chose SaaS-based Illumio ASP to enforce Zero Trust across environments, allowing them to safely ringfence vulnerable applications from their other systems and gain visibility and control in the cloud.

Deployment of the agent took two days. Ixom first locked down standard traffic before looking for anomalous behavior and working with application owners to remediate; they then modeled policy changes prior to enforcement in order to avoid any disruption. “We change behavior, install the new way, and easily find the people not adopting it before we turn things off. The visibility into policy modeling prevents risk because we know the impact of changes before we enforce.”

“Illumio ASP is one of the easiest products to get going. It doesn’t pick a simple topic but it does it very well. The challenge with Illumio is that we get such good visibility that we’re met with questions we didn’t even know to ask. It did not necessarily make things easier, but it made things possible because we couldn’t have done it otherwise. Security wouldn’t have been as tight, risks would have been vastly higher, effort greater, and the end result not nearly as good.”

## Customer Benefits

- **Visibility across environments:** The IT team can govern policy across data center, cloud, legacy, and other applications – whatever they are and wherever they run – from a single view using the real-time application dependency map.
- **Application ringfencing with Zero Trust confidence:** Illumio ASP’s granular segmentation and whitelisting capabilities ensured prevention of unauthorized access.
- **Ease of use in policy management:** Lowering the administrative burden to quickly and visually see anomalies or vulnerabilities made it ideal for outsourcing operations.
- **SIEM and technical management support:** Ixom is now looking to integrate Illumio ASP with SIEM for Security Operations and ServiceNow to true up its CMDB.



## About Illumio

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Illumio, a cybersecurity leader delivering segmentation solutions, prevents the spread of breaches inside data center and cloud environments. Enterprises such as Morgan Stanley, BNP Paribas, Salesforce, and Oracle NetSuite use Illumio to reduce cyber risk and achieve regulatory compliance. The Illumio Adaptive Security Platform® uniquely protects critical information with real-time application dependency and vulnerability mapping coupled with segmentation that works across any data center, public cloud, or hybrid cloud deployment on bare-metal, virtual machines, and containers. For more information, visit [www.illumio.com/what-we-do](http://www.illumio.com/what-we-do).

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