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SECURITY SEGMENTATION BUYER'S CHECKLIST

Secure your data center with segmentation designed for security.

What is Segmentation for Security?

Segmentation is the best way to stop threats inside data centers and cloud environments. If you're considering using segmentation to improve your security, here are five features you should look for when evaluating solutions:

☑ Supports All Environments and Platforms

Security segmentation works across all your data center and public/private cloud deployments: bare metal, operating systems, hypervisors, containers, any network – physical or SDN – and any public or private cloud.

☑ Application-Centric Visibility

Security segmentation should provide a live application dependency map of how your applications connect and how they communicate. It's the first step to using security segmentation to control how they should communicate.

☑ Security Policy Creation and Management

Instead of using traditional firewall rules, security segmentation uses high-level, natural language policies to describe desired application behavior – not infrastructure architecture. This lets you consolidate thousands of machine-readable firewall rules into dozens of human-readable policies, which makes compliance easier and empowers your security team to describe and enforce policy across today's increasingly complex, hybrid, distributed, dynamic environments.

☑ Adaptive and Automated

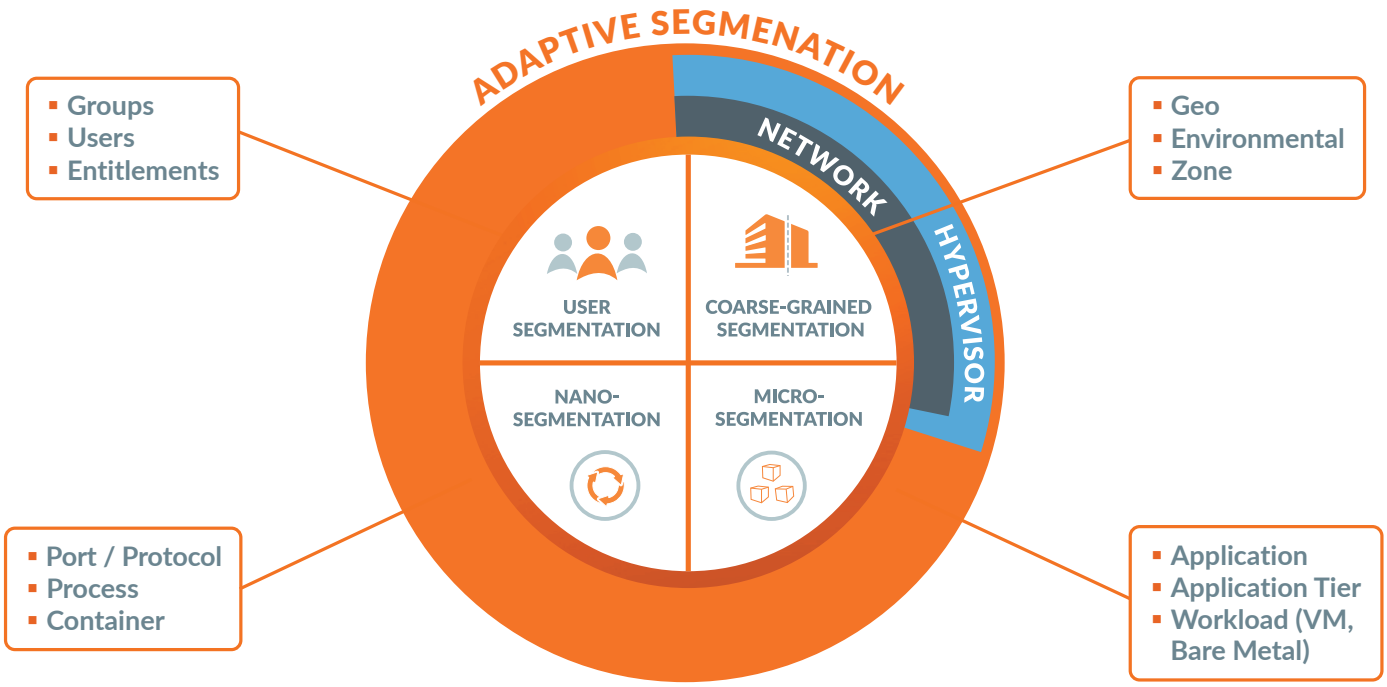
Your applications shift constantly, and if your segmentation doesn't adapt to those changes automatically, your security will be out of date within days – or hours. To keep up, security segmentation needs to automatically respond to applications auto scaling and moving across your infrastructure to ensure security stays intact.

☑ Customizable Segmentation

Organizations customize their segmentation depending on the asset that they're protecting. For low-value assets, they might choose environmental segmentation, whereas for higher value assets, they might segment individual applications, or even ports and processes. A security segmentation solution should enable you to use different types of segmentation throughout your environment as appropriate.

What is Adaptive Segmentation?

Adaptive segmentation technology lets you choose the level of segmentation that is right for your environment without all the manual work normally associated with traditional segmentation.



About Illumio

Illumio, the leader in micro-segmentation, 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 micro-segmentation that works across any data center, public cloud, or hybrid cloud deployment on bare-metal, virtual machines, and containers. For more information about Illumio, visit www.illumio.com/what-we-do or follow us @Illumio..

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Illumio, Inc. 920 De Guigne Drive, Sunnyvale, CA 94085 Tel (669) 800-5000 www.illumio.com