illumio

Compare **VMware NSX** to **Illumio ASP**™

Illumio Adaptive Security Platform™ delivers live visibility and micro-segmentation that works on anything (virtual machines, bare metal, and containers), anywhere (data center, private or public cloud) by activating and centrally managing the native security controls in the workload. Illumio does this today for the world's largest, most demanding computing environments with no dependency on the network or hypervisor.

CAPABILITIES	VMWARE NSX	ILLUMIO ASP
MICRO-SEGMENTATION		
VMware hypervisor micro-segmentation	✔	✔
Native bare-metal micro-segmentation	✖	✔
Micro-segmentation works across all third-party hypervisors	✖	✔
Micro-segmentation works across all data centers and clouds (e.g., AWS, Azure, Google, hybrid cloud)	✖	✔
Supports coarse-grained, micro, nano, and user segmentation	✖	✔
Infrastructure agnostic	✖	✔
Uses native enforcement of workload's operating system	✖	✔
Leverages policy library for Microsoft Active Directory	✖	✔
Delivered on premises or via SaaS	✖	✔
ENCRYPTION		
One-click IPsec	✖	✔
SECURITY POLICIES		
Security policies move with workloads between data centers in minutes	✔	✔
Test/sandbox security policies before they are enforced	✖	✔
Process-level enforcement of policies	✖	✔
Cuts provisioning time	✔	✔
LIVE VISUALIZATION		
See live application traffic flows and dependencies across any data center and cloud	✖	✔
See, and be alerted to, policy violations across data center and cloud	✖	✔