

# HERE'S WHY YOU SHOULD CONSIDER NETWORK VIRTUALIZATION

Today, many IT leaders are investing in a new kind of network – one that's defined by software. At Eastern Computer Exchange, we can help you become more agile, flexible, and secure through network virtualization with VMware NSX.

## Challenges with hardware-based approaches

As organizations shift their priority to flexibility and agility within their IT infrastructure, hardware-based approaches to networking and security are creating challenges.

### Physical limitations

With the pace of business, organizations are getting bogged down by the physical limitations of traditional networking hardware



### Protection behind the firewall

Traditional data center networks focus on perimeter protection, and make it difficult to secure east-west traffic inside the data center



### Multi-cloud environments

Replication of networking and security configurations across multiple clouds and physical sites is a time-consuming task



## Eastern and VMware NSX can help

VMware NSX delivers the operational model of a virtual machine to networking and security. It moves core networking functions like routing, switching, and firewalling into software to simplify network provisioning and management.

Create and provision networks in seconds instead of days or weeks

Make network changes without touching underlying hardware

Ensure network and security services follow workloads across infrastructure

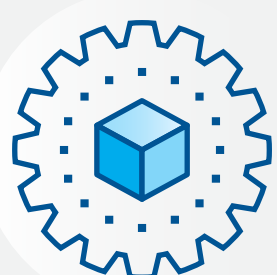
Protect behind the firewall by attaching granular security to each workload

Build security into your network's DNA through micro-segmentation



## How is NSX being used?

NSX can help you create levels of security, agility, and cost efficiency that aren't possible with traditional architectures. It can be deployed in data centers of all sizes and offers a wide range of proven use cases.



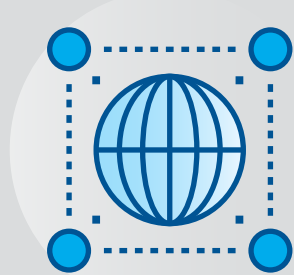
### IT Automation

Use standardized, pre-defined templates to provision consistent networking and security



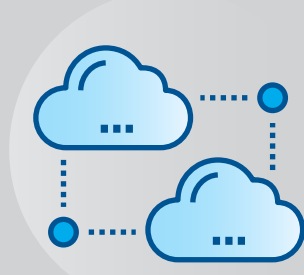
### Security

Deliver app-centric security at the workload level to prevent the spread of lateral threats



### Compliance

Isolate the systems that store, process, and transmit sensitive data with micro-segmentation

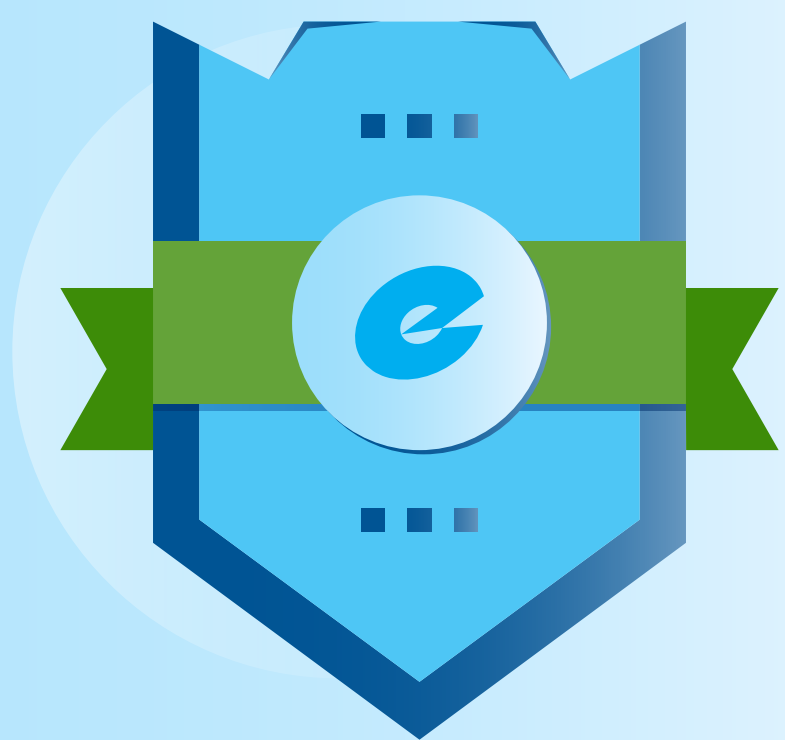


### Multi-cloud networking

Create consistent networking and security across your hybrid cloud

## Eastern: Your network virtualization expert

Eastern has designed and deployed some of the earliest and largest NSX implementations to date. We can help you implement NSX as part of an overall approach to better manage your multi-cloud environment, or continue your journey to a fully software-defined data center.



**Complete end-to-end solution**  
provider with design, migration, and support capabilities

**VMware Master Services Competency**  
in Data Center Virtualization

**VMware Premier Partner**  
with 28+ years of successful deployments

**NSX vExpert Award winners**  
recognized for our expertise and contributions

## LEARN WHAT NSX CAN DO FOR YOUR ORGANIZATION

Contact Eastern to schedule an NSX assessment today. We'll review your infrastructure and operations, discuss your challenges, and show you how NSX can create more agility, flexibility, and effectiveness across your organization.

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203.877.4334