New Model for IT: cloud Service Provider

IT must deliver speed, agility, and security.

The Software Defined Data Center — Critical to modern IT

Powering the SDDC:
VMware NSX network virtualization and security with VMware storage and server virtualization

VMware NSX Network Virtualization and Security

With NSX, enterprises achieve unparalleled speed, agility, and security — better economics, flexibility, and choice.

NSX reproduces network functions in software

Micro-Segmentation for Security
Firewall controls and security for East-West traffic inside the data center. Minimizes the risk and impact of data breaches. Approximately 68% CapEx savings.

IT Automating IT—Reduce Manual Errors
Reduce the manual effort and cycle time for network service delivery and time-to-market for new applications. 56-86% CapEx savings.

IT Optimization & Refresh — Flexible Infrastructure
Catalyst to modern leaf/spine network fabrics, bare metal switches, open networking, and other data center optimizations. 66-88% CapEx savings.

Disaster Recovery
Cloud-scale service availability. Reduces the risk and impact of unplanned outages. OpEx savings of $690,000 to tens of millions of dollars (USD) per incident.

Benefits:

- Minimizes Risk & Impact of Data Breaches
- Improves Negotiation & Buying Leverage
- Simplifies Traffic Flows
- Optimizes Use of Network Engineers
- Speeds IT Service Delivery & Time to Market
- Increases Service Reliability

IT Challenges:

More Speed, Agility & Security for Less

Challenge 1: Advanced Persistent Threats and Security
Once inside the firewall, threats multiply from server to server

Challenge 2: Hardware Limitations & Lock-ins

Challenge 3: Error-Prone Manual Configuration

IT addresses those challenges

Average cost of a data breach incident in US: $5.85 million