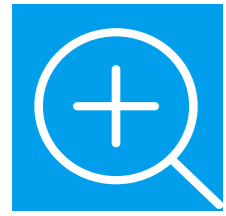


# PCI Compliance with Micro-segmentation

## Call Center Service Provider in the Financial Sector



### BUSINESS PROBLEM

- The customer was building out new facilities to host their primary, PCI-related, applications and needed to provide the highest levels of security while delivering high performing networking services.
- As a financial services company, they needed to implement network micro-segmentation to meet PCI compliance mandates.
- Because the compliance requirements demanded isolation of specific networks, the design became complex and required more hardware than the budget would allow.



### PROJECT OVERVIEW

GreenPages worked with the security, networking, server/virtualization, and internal audit teams to design and implement an NSX solution to meet all the technical and compliance requirements, utilizing VXLAN to:

- Eliminate VLAN sprawl
- Implement micro-segmentation for trusted traffic in the logical software later
- Simplify DR design when using the same IP space



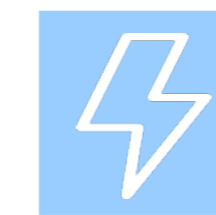
### COST IMPACT

- Reduced purchasing costs of new blade center systems, networking infrastructure, and software licensing
- Leveraged NSX Edge Services Gateway in the new call center, avoiding additional hardware costs
- Saved operational costs by completing project on time
- Saved capital costs by completing project under budget



### RISK IMPACT

- Achieved PCI compliance by implementing software defined infrastructure to meet security mandates
- Reduced risk of security breaches and IP loss by implementing modern security approaches
- Reduced risk of project failure by involving multiple technical teams to bridge knowledge gaps



### SERVICE IMPACT

- Security teams can block untrusted traffic at the source
- Security teams can closely secure customer sensitive data
- Increased performance across all network infrastructure
- Improved operational efficiency with collaboration across internal teams