

SDN Infrastructure Upgrade

Global Billion Dollar Banking Institution



BUSINESS PROBLEM

The organization was operating with an aging infrastructure that needed a network refresh. Specifically, existing hardware was 10 years old (Cisco) and no longer supported.

Additionally, financial industry regulators required that the company meet compliance mandates around micro-segmentation for their applications and departments.

The organization also wanted to increase the use of automation to provide more flexibility and to support secure scaling of the business.



PROJECT OVERVIEW

GreenPages delivered a three-day envisioning engagement with the client's leadership group, technical teams, and governance department.

After analyzing the data against the company's technical and business goals, GreenPages created a capability decision matrix which mapped architecture requirements against various leading software-defined networking (SDN) solutions, including VMware NSX and Cisco ACI.

GreenPages then stack ranked the different solutions and manufacturer capabilities to help the client make a smarter, more informed decision.

The client chose to implement a Cisco infrastructure automation solution, with an SDN Architecture, ACI, CloudCenter and ASA.



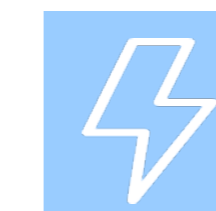
COST IMPACT

- Reduced operational costs of managing systems due to new automation capabilities
- Reduced capital costs of maintaining aging equipment
- Eliminated support costs of responding to end user performance and access problems



RISK IMPACT

- Eliminated risk of failure to comply with regulatory micro-segmentation mandates
- Minimized integration issues due to maintaining a Cisco-based infrastructure
- Reduced amount of time needed for training on new manufacturer platform



SERVICE IMPACT

- Increased efficiency due to private cloud enabling internal self-service portal consumption
- Optimized customer online banking experience
- Paved way for future infrastructure upgrades, including Tetration Analytics, UCS, and ACI Expansion to DR