



Re-defining Networking with Better Economics, and Performance with Cloud Networking and Visibility

big switch
networks

Customer Success Story

Alan Weckel, Founder and Analyst of the 650 Group, interviewed a large commercial transportation provider, regarding their successful deployment of Big Cloud Fabric. The following summarizes their results.

“Networking should be much simpler than it has become. Legacy approaches are dead, many organizations just don’t realize that yet.”

Several years ago, the IT organization within a large North American transportation company was given the mandate to explore and test SDN-based offerings as a lower cost alternative to proprietary offerings. As the number of scheduling, safety, and other applications were growing significantly within its data center, they decided to focus their efforts on data center switching solutions that were SDN-based, which would offer the agility and flexibility needed to support the growing number of applications. This led them to evaluate Big Cloud Fabric software in combination with Open Networking switches from Dell EMC.

The quality of experience during the Proof of Concept exceeded expectations which allowed the company to accelerate its plans to deploy in production by approximately one full year ahead of schedule.

“All our developers know is that they are getting a better product, a better experience, and that is a very good thing.”

Large Transportation Organization

Requirements

- Network must enable and deliver on the organization’s cloud transformation initiatives
- Reduce networking complexities by moving away from a CLI-driven, time consuming approach
- Must offer orchestration integration to support hybrid cloud direction

Solution

- Big Cloud Fabric-Enterprise Cloud
- VMware NSX
- Dell EMC Open Networking hardware

Results

- Lower capex than expected for the data center expansion
- Speedy, touchless autoconfiguration
- Easier network management and expansion
- Seamless transition
- Faster onboarding for new and non technical staff
- Better support of DevOps by enabling access to network resources through the GUI

