



Cloud Migration Case Study

DLT Solutions helps a public power utility company migrate to the cloud with AWS



About the Company

A public power utility company, owned by the people of a large city in Massachusetts, provides reliable services at economical rates through teamwork, technology and innovation. The Board of Electric Commissioners and the employees are committed to safe operations, to excellent customer service and to the community they serve. Like most power companies, this Massachusetts based company uses a geographic information software (GIS) application for planning, building, monitoring, and managing their transmission networks.

THE CHALLENGE

The team at a growing power utility company sought to move their GIS application to AWS in an effort to maximize cost savings and efficiencies in the cloud, while taking advantage of a secure, managed environment.

THE SOLUTION

DLT supported the team in a Managed Services engagement to facilitate moving the existing GIS application. DLT was responsible for configuring the multiple VPCs and services around the application prior to and during migration, and then trained the staff on the updated deployment.

How AWS was used as part of the solution:

DLT worked with this company to plan an AWS architecture to include AWS networking in multiple Virtual Private Clouds (VPCs) with a VPN connection. Once the VPCs were configured, additional Elastic Compute Cloud servers were set up with failover and monitoring in mind, using CloudWatch, CloudTrail, and AppDynamics for optimum performance monitoring.

Benefits of DLT's end to end Services:

Following the successful deployment of the environment, DLT provided ongoing managed services to allow for a seamless transition in AWS. Monitoring services through DLT Managed Services, DLT was able to continue to provide platform monitoring from infrastructure to application, spend threshold alerts, Monthly Availability Reports, and Cloud Watch Spend Alarms to support the company's ongoing efforts.

On-going Partnership with DLT:

DLT was able to provide lessons on configuration of Networks and VPCs in AWS under relevant Security and Compliance guidelines to company's staff. This knowledge, in addition to a successful migration of actual workloads and continual DLT Managed Service monitoring, allows for a continuous transition of projects into the cloud with confidence.

ABOUT DLT SOLUTIONS AND AWS

As a Premier Consulting and Managed Services Partner for AWS, DLT helps make the path to the cloud seamless and cost efficient for federal agencies and higher education institutions. Our AWS-certified technical experts provide architectural and technical direction in the selection of appropriate cloud solutions, as well as dedicated professional services for installation, configuration, training, and ongoing support.

NEXT STEPS

To learn more about how AWS and DLT can help you start your journey to the cloud today, email us directly at cloud@dlt.com.