

Energy Company

A regional energy company improved business agility using cloud-based technology.

Business Challenge

- A regional energy company sought to increase business agility by migrating to cloud-based technology, which required moving the public-facing website and deploying SAP HANA on the back-end—all within the cloud environment
- Because the customer is regulated by the U.S. energy industry standard NERC (North American Reliability Corporation), Lightstream engineers had to complete the NERC certification to deliver a regulatory-compliant solution to the customer

Solution

- Customer purchased Palo Alto VM-Series Firewalls and Palo Alto Panorama Management Console (security concerns)
- They engaged Lightstream to architect the cloud network, deploy the security controls in AWS, and integrate the entire solution
- Our team designed a secure ingress transit VPC architecture to support the deployment and connect multiple geographically dispersed VPCs and remote networks effectively—a global-network transit routing gateway
- Lightstream used AWS VPC Endpoint Services (PrivateLink) to connect the remote VPCs, Identity and Access Management SSO to restrict staff access based on roles, and AWS CloudFormation templates for provisioning

Business Outcomes

- A more agile, flexible, and scalable infrastructure to support its business
- The website will require less hands-on time from IT staff to host and manage



Case Study



 lightstream



[Set up a consult](#) to learn more



[877-955-4448](tel:877-955-4448)