Utility saves big OpEx in modernizing its power grid

To boost capital returns and modernize its power grid, a top U.S. utility firm saved $3.25 million in operating expenses over 5 years via Tanzu Architecture on VxRail from Dell Technologies.

Cut application development cycle time by at least 75%.

Instead of development cycles of 6–18 months, developers can move through development, test, and quality assurance cycles in an order of weeks.

First-year CapEx and OpEx savings of 94%.

CapEx and OpEx for the VxRail Tanzu Kubernetes Grid Integrated (TKGI) production environment were just over $90,000. That compares to nearly $1.5 million for the WebSphere server environment.

Five-year TCO savings of 99.97%.

The utility's five-year total cost of ownership is forecast to be just $91,000 for migrating the application to the Tanzu Architecture for VxRail (TA4V) environment.

The cumulative five-year savings was $3.25 million.

The value of Tanzu Architecture for VxRail

Seamless developer experience:
Automated resource allocation, zero-downtime app updates, and ability to choose the same layer of abstraction with TAS or TKGI to accelerate software innovation.

Highly-available platform:
Always-on, highly-available scalable configurations, delivering failure-agnostic portability across multi-cloud to support efficient app hosting and delivery.

Automated lifecycle management:
Automation of tested and validated upgrades and patches to infrastructure and PaaS/CaaS layers ensures a secure, reliable, and highly-available cloud-native application development platform.

Intrinsic security:
Built-in cyber resiliency at every layer of the stack, and NSX-T support to allow seamless expansion of security and networking policies across the organization.

Learn more at DellTechnologies.com/TA4V.