DELL Technologies

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

Measuring **the results**

Cut application development cycle time by at least

75%

Instead of development cycles of 6–18 months, developers can now move through development, test and quality assurance cycles in as little as six weeks.

First-year CapEx and OpEx savings of

94%

CapEx and OpEx to set up the 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 OpEx savings was

$3.25m

The value of **Tanzu Architecture for VxRail**

Seamless developer experience

Automated resource allocation, zero-downtime app updates, and ability to choose own layer of abstraction with TAS or TKGI to accelerate software innovation.

Highly-available platform

Always-on, highly-available scalable configurations, delivering flexible app 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 fully-featured 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

All percentages are from Dell Technologies case study, "Utility saves big OpEx in modernizing its power grid" – Tanzu Architecture for VxRail, Dec. 2019. View the case study here.