Vnomic
Automated Engineered SAP Landscape as a Service

C A S E   S T U D Y

How Vnomic successfully migrated the largest fully regulated utility companies in the United States SAP S4HANA landscape to Azure powered by Vnomic Automated SAP landscape Deployment and Governance on Azure

Authored by **Vnomic Inc.**

Microsoft Partner
Gold Cloud Platform
Microsoft

S/SAP
Silver Partner

The largest fully regulated utility company in the United States is serving approximately 3.5 million natural gas customers and 500,000 electric customers across seven states. The company has more than 8,000 employees and is leading the digital transformation to serve its customers better.

The company provide domestically produced supplies of natural gas to residential, commercial and industrial customers via nearly 60,000 miles of pipeline and related facilities in seven states: Indiana, Kentucky, Maryland, Massachusetts, Ohio, Pennsylvania and Virginia.

The utility company provides electric energy to nearly 500,000 customers through electric operations that include power generation, transmission and local distribution, as well as wholesale and electric transmission transactions. The company uses both traditional and renewable generation sources, including natural gas, hydroelectric, wind, and coal generated supplies, providing a total system operating net capability of more than 3,000 megawatts.

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SAP landscapes are at the heart of this innovative utility operational processes providing the company with a highly robust digital solution; that successfully fulfills the needs and expectations of its employees, partners and customer base of more than 3.5 million residential, commercial, and industrial customers.

The SAP landscape provides comprehensive capabilities including billing, asset management and many other critical business functions via web, mobile application for numerous utility-customer touchpoints, spurring a complete transformation of the overall user experience and digital customer journey.

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Vnomic is a SAP and Microsoft partner and has migrated many Fortune 500 SAP customers landscape on Azure. As part of the migration, Vnomic provides the "Easy Button" to deploy complete SAP landscapes on Azure, reducing time to value from months to hours while eliminating manual errors and reducing deployment cost, end to end, with zero touch while providing.

- Ensures consistency using model driven and engineered system approach

- Enforces all SAP and Microsoft Azure Requirements and Best practices

- Reduces Time to Deploy SAP Landscapes from Months to Hours

- Eliminates Manual Processes and Errors

- Enforces Security, Governance & Auditability Requirements

- Optimizes Infrastructure Cost through Right- sizing & Scale as needed, not Built for Worst Case Scenario

- Built-in Business Continuity including high availability, disaster Recovery & integrated backup

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Vnomic successfully migrated this utility company S4HANA landscape onto Azure leveraging the latest Azure capabilities including Azure M-Series VM, Azure Express Route, Azure Vault as well as using Azure NetApp files high performance shared storage capabilities. SAP landscape business continuity was supported through the deployment of the SAP S4HANA landscape on Azure using SUSE Linux with high Availability (HA) clustering.

Vnomic ensured the SAP landscape migration to Azure success through using Vnomic platform which reduced the time to value for SAP S4HANA landscapes from months to days while meeting all the SAP and Azure best practices as well as companies' security, governance and compliance requirements.

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