



ENGAGEMENT SPOTLIGHT

ENGAGEMENT NAME:

Datacenter Consolidation

CLIENT INDUSTRY:

Energy & Utilities

PROJECT OBJECTIVE:

Reduce datacenter related dysnergies across BUs, mitigate capital investment costs, optimize DC floor space, consolidate DC infra to simplify operational support and reduce cyber-attack surface.



How Windval consolidated datacenter environments and delivered an optimized infrastructure footprint.

For a large utility organization, Windval developed and executed a datacenter consolidation initiative intended to rationalize and modernize IT infrastructure footprint, streamline operational support, and reduce overall IT cost.

Through a multi-phase program, Windval consolidated the physical and virtual environments of four (4) source datacenters and performed the physical lift and shift migration of a complete technology stack to two (2) primary datacenter target locations.

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APPROACH

- **Baseline Datacenter Asset Inventory**

Develop a single source of truth for IT asset inventory data across six (6) datacenters. In combination with existing CMDB data, physical inventory provided the data accuracy needed to build the foundation of data analysis.

- **Data Analysis**

Validate, reconcile, and transform asset inventory data sets into readable data. Prescriptive analysis prepared the data to be aligned to business objectives and create actionable outcomes.

- **Blueprint Optimal Asset Destination**

Profiles of datacenter capabilities were created (including cooling, power, space, and networking capacity). Move eligible assets were then mapped into the available and cost optimized locations.

- **Datacenter Move Execution**

Verify asset removal at source datacenter, perform decommission, validate asset landing location and perform physical install at destination datacenter to ensure 100% accuracy.

CONCLUSION

Windval brought end-to-end service capabilities to execute a complex datacenter project.

From automation to process improvement to consolidation, Windval advisors and engineering leaders have deep experience and technical expertise to design and execute strategic datacenter initiatives. Through a tailored service delivery methodology, Windval simplified the client's complex initiative and created a springboard for cost optimization and improved operational capabilities.

RESULTS

20,000+

Datacenter assets
Inventoried.

85 » 99%

Improved asset
inventory accuracy.

58%

Average datacenter
cost savings.



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