

Solution Profile

Hitachi Vantara Data Modernization Services with TCO & Sustainability Assessments

Reduce cost, complexity, and carbon impact for hybrid cloud modernization.



Flexible Consulting, Implementation, Consumption, Financing and Management

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Modernize With Confidence

Build a rightsized, consumption and financially optimized, workload aligned architecture that improves performance, automation, and operational resilience

Accelerate Business Outcomes

Turn data readiness into measurable ROI with a defensible financial model and clear modernization roadmap

Hybrid cloud is already the norm — but rising AI costs, chip constraints, and cloud overspend are forcing organizations to re evaluate whether their environments are right sized and financially optimized.

Most enterprises face challenges with inconsistent governance, rising operational costs, and unpredictable public cloud spending. Private cloud is widely acknowledged to be more cost-effective for steady state workloads — and analyst studies consistently show 30–50% quality data, while chip shortages and GPU power constraints are putting pressure on data centers. These realities make it difficult for IT leaders to balance performance, sustainability, and financial accountability. Hitachi Vantara's TCO & Sustainability Assessment acts as a health check — a fast, independent review that identifies inefficiencies, validates workload placement, and quantifies savings. Whether starting with a simple installed asset report or a deeper multi day operations assessment engagement, organizations gain a clear modernization plan that reduces cost, improves operational resilience, and accelerates measurable outcomes.



Cost Optimization

Reduce infrastructure, software and labor spend through unified TCO modeling.



Operational Efficiency

Automate processes and standardize platforms to lower complexity and risk.



Sustainability Improvement

Decrease energy consumption and environmental impact with modernized architectures while alleviating power constraints for GPU driven AI growth.



AI Readiness

Prepare data and infrastructure for AI workloads with governed, enterprise wide visibility.

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Accelerate Hybrid Cloud Optimization

The Hitachi Vantara TCO & Sustainability Assessment provides a comprehensive, four phase methodology to evaluate AI Data Center and hybrid cloud deployments and identify opportunities for cost reduction, modernization, and operational improvement. The assessment analyzes infrastructure inventory, performance, utilization, software licensing, labor, and environmental factors to build a defensible baseline of current state spending. Hitachi then models an optimized environment aligned to workload needs, automation opportunities, and flexible consumption models. The result is a clear financial plan that quantifies savings, improves ROI, and accelerates decision making. With on average 35% TCO reduction across customers, Hitachi Vantara helps organizations modernize with confidence while improving sustainability and preparing for AI driven operations.

Use Cases

Optimize AI and Hybrid Cloud Costs and Efficiency

Organizations facing unpredictable public cloud bills and rising operational costs benefit from a unified view of their hybrid environment. The assessment identifies underutilized resources, duplicated tools and unnecessary spend across infrastructure, software, and labor. By optimizing CapEx and OpEx purchasing budgets, Hitachi builds a defensible baseline and models an optimized architecture that reduces cost while improving performance. This enables IT leaders to redirect more total budget toward innovation and strategic initiatives.

Modernize Infrastructure for AI and Automation

AI initiatives require trusted, governed, and high quality data — yet many enterprises lack the readiness to operationalize AI at scale. The assessment evaluates data readiness, automation gaps, and platform modernization opportunities. By aligning workloads to the right infrastructure and introducing automation, organizations improve scalability, reduce operational burden, and accelerate AI adoption.

Improve Sustainability and Reduce Environmental Impact

Energy consumption, cooling requirements, and aging infrastructure contribute significantly to environmental costs. The assessment quantifies environmental impact and models a modernized architecture that reduces power, cooling, and emissions. Organizations gain a sustainability aligned roadmap that supports ESG goals while lowering TCO.



Modernize With Measurable Financial Improvements

Summary: The Hitachi Vantara TCO & Sustainability Assessment gives organizations a clear, data driven path to reduce hybrid cloud costs, modernize infrastructure and accelerate business outcomes. By combining financial modeling, workload aligned optimization and flexible consumption options, Hitachi delivers predictable savings and improved operational resilience. Modernizing infrastructure not only reduces environmental impact — it also alleviates power constraints for AI growth, helping both sustainability goals and business performance. Whether preparing for AI, reducing environmental impact or simplifying hybrid cloud operations, EverFlex provides a defensible business case and a modernization roadmap that aligns IT investments with measurable value.

Contact us today to start the conversation and see how much you can save.

[Learn More](#)



About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.

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