Solution Profile

Hybrid Cloud: Flexibility Meets Performance

Remove cloud to data center constraints for agility, cost-control, and compliance

Innovate Faster

Seize on market opportunities with flexibility to deploy workload anywhere that best delivers on business goals

Reduce Cloud Costs

Contain technology costs by rebalancing workloads across on-premises, edge and public clouds

Maximize business growth

Low-latency highly-available infrastructure to maximize business applications

Transform traditional data center infrastructure into a business enabling private cloud and create a seamless, more cost effective, operational experience across on-premises and public cloud.

Legacy infrastructure poses significant challenges such as a slow pace of innovation, lack of scale, and management complexity to achieve business goals. Companies are motivated to evaluate modernizing local infrastructure with high performance, a higher degree of automation, self-service capabilities, and hybrid cloud readiness.

Extensibility to public cloud with a hybrid architecture opens up unlimited possibilities to expedite business value by enabling product development and engineering teams to efficiently build and run applications faster for new and incremental releases, while assuring continuous availability of services to customers and reducing carbon footprint.

Hitachi's Hybrid Cloud solutions enable customers to flexibly plan, consume, deploy and manage their storage and compute infrastructure and access a diverse set of data services in a combination of core data centers, public clouds, hosted colocations, and edge premises.

High Performance
Run critical applications with micro-second latency

Slash Cloud Costs
Significantly reduce cloud costs by rebalancing workloads

Fully managed Infrastructure-as-a-Service
Reduce Cost and Optimize IT Operations with flexible consumption, automation and expertise

Availability with Sustainability
Industry's only 100% data availability guarantee with energy efficient VSP One storagemulti-tenant deployments

Hitachi's Market-proven solutions are designed to provide flexibility to customers to choose the right asset location and capacity for optimal control, performance, security, agility scalability, flexibility, and cost-effectiveness.

Thousands of customers big and small trust Hitachi Vantara for their on-premises and cloud infrastructure needs for accelerated innovation, always-on data availability, and cost optimization, all backed up by world-class consulting and customer support.

Designed with focus on low latencies, advanced automation, comprehensive data services, and as-a-service enablement, these solutions and services are developed in partnership with proven industry leaders such as VMware, Red Hat, AWS, Microsoft Azure, Google, Equinix, to maximize hybrid cloud benefits across the vertical domains.
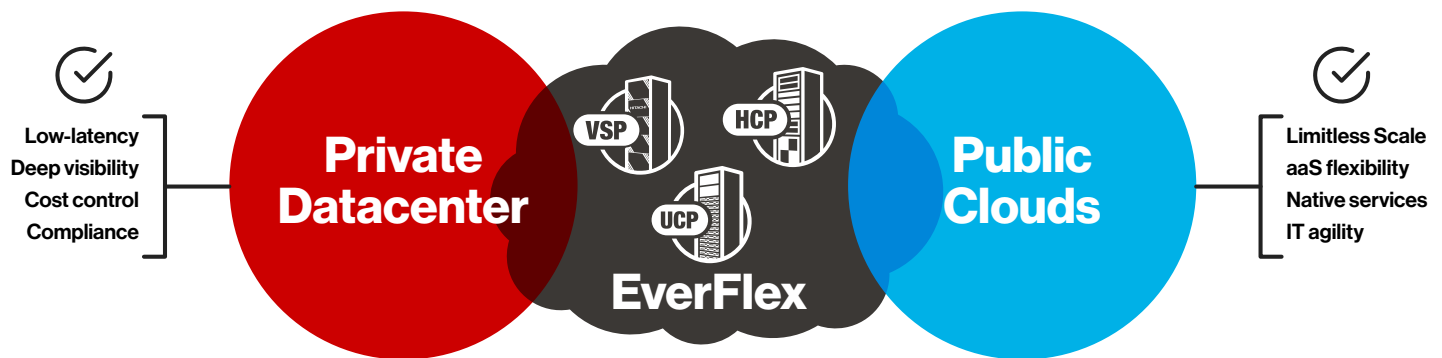

Low-latency
Deep visibility
Cost control
Compliance

Private Datacenter

VSP **HCP** **UCP**

EverFlex

Public Clouds

Limitless Scale
aaS flexibility
Native services
IT agility

Fig. 1 Connected seamless cloud to deliver the best of both world

Target Solution Areas and Use Cases

Infrastructure Modernization
- Infrastructure refresh and capacity expansion
- New workload infrastructure

Cost Optimization and Orchestration
- Workload rebalancing to datacenter and co-location
- Flexible capacity and pay per use elastic consumption, delivered and managed your way

Cloud Extensibility
- Cloud bursting, back-up and disaster recovery
- Edge/branch computing with optional hyperscaler management

"We had dozens and dozens of data centers … and when we adopted this cloud strategy we were basically able to migrate those applications and workloads to our private cloud with Hitachi. And that allowed us to shut down other data centers and reduce our footprint. Which means we reduce our carbon foot print, which means we reduce our operating costs, our emissions, our CO2 emissions, so just simply a whole set of great metric that improved as a result of moving to a single view of the world through a cloud environment with Hitachi"

Michael Mathews,
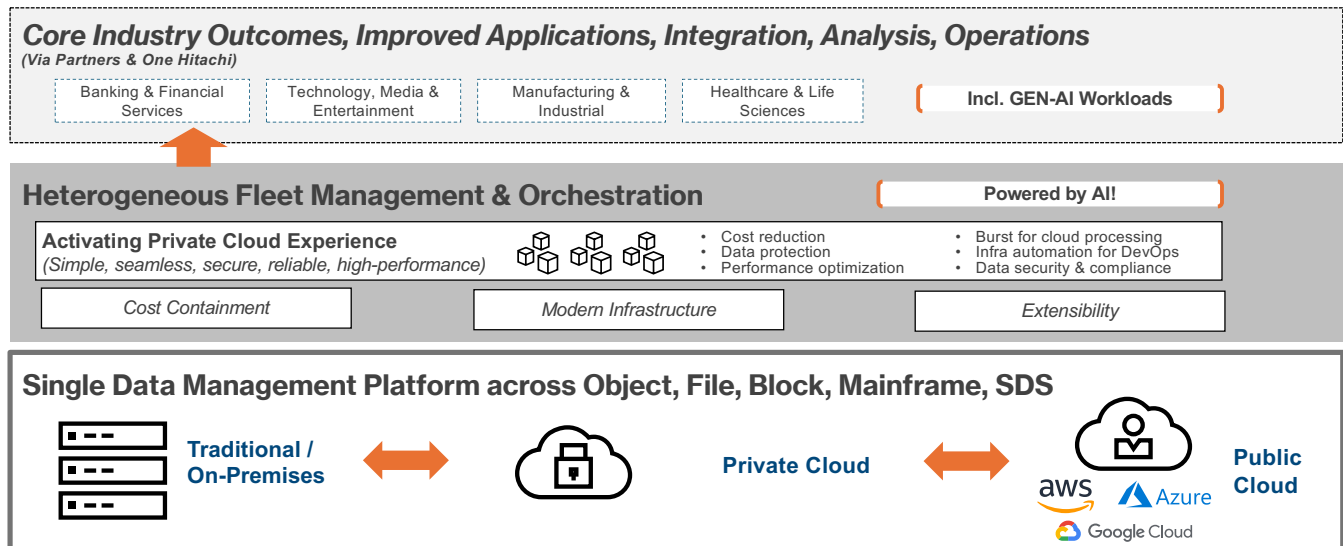**CIO, Deluxe Corporation**

Flexible Hybrid Cloud Solutions.

- **Seamlessly integrated** data centers, edge, and cloud environments
- **Consistent performance** with micro-second latencies for
- **Lower business risk** with proven hybrid cloud solutions managed by skilled experts
- **Operational compliance** with local, state, and federal data residency, access, and sharing rules
- **Always-on innovation** with 100% data availability
- **Operational control** with a single pane of glass management software
- **Green IT** by consolidating workloads on a scalable platform reducing energy usage

> "The Hitachi VSP 5600 is running our applications at least **10 times faster** than our SLA requires, and **70% to 90% faster** than our previous-generation storage. That means our microservices can communicate almost instantaneously, so we can provide a seamless user experience for our employees."
>
> **Vadiraj Adiga,**
> **Associate Vice President,**
> **Enterprise Platform Management,**
> **Infosys**

Activating Private Cloud Experience

Core Industry Outcomes, Improved Applications, Integration, Analysis, Operations
(Via Partners & One Hitachi)

Banking & Financial Services	Technology, Media & Entertainment	Manufacturing & Industrial	Healthcare & Life Sciences	Incl. GEN-AI Workloads

Heterogeneous Fleet Management & Orchestration

Powered by AI!

Activating Private Cloud Experience
(Simple, seamless, secure, reliable, high-performance)

- Cost reduction
- Data protection
- Performance optimization

- Burst for cloud processing
- Infra automation for DevOps
- Data security & compliance

Cost Containment	Modern Infrastructure	Extensibility

Single Data Management Platform across Object, File, Block, Mainframe, SDS

Traditional / On-Premises ⟷ Private Cloud ⟷ Public Cloud

aws · Azure · Google Cloud

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.

Learn more about Hitachi hybrid cloud solutions. →

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