

Navigating the Digital Skies with Ease

Transform Your Business with Hitachi Vantara and Data Dynamics' Data-Driven Cloud Adoption Solutions



The Hybrid Cloud, a fusion of on-premises infrastructure and public/private cloud services, offers a transformative solution for organizations seeking cost-effectiveness, agility, and data accessibility. However, the successful management of Hybrid Cloud environments presents a unique challenge, chiefly centered around Unstructured Data Management. Enterprises often lack visibility into its contents and remain unaware of sensitive information hidden within. When migrating to the cloud, many opt for the traditional lift-and-shift approach, missing out on critical data analysis. This results in increased costs, extended timelines, and heightened security risks. The key to a successful Hybrid Cloud strategy lies in embracing a data-driven approach.

Hitachi Vantara and Data Dynamics are proud to announce a strategic partnership aimed at delivering Data-Driven Cloud Adoption Solution - it's intelligent, secure, compliant and optimized.

OUR VISION

Together, Hitachi Vantara and Data Dynamics aim to offer a holistic and data-driven approach to Cloud Adoption. By gaining insights into their data and building a robust cloud foundation, organizations can facilitate efficient and effective cloud adoption, reduce risk, ensure compliance, and enable unparalleled scale and compute power

Our Data-Driven Cloud Adoption Solutions are designed to:



Facilitate seamless cloud migration.



Optimize data placement and management.



Ensure data security, privacy, and compliance.



Enhance agility, scalability, and cost-efficiency.



Empower organizations to make the most of their cloud investments.

SOLUTION OVERVIEW

Hitachi Vantara's Hybrid Cloud Solutions

At Hitachi, we're reimagining how enterprise IT leaders manage their operations. Our unified model spans data centers, edge environments, and public clouds, offering comprehensive solutions and services for hybrid IT and cloud management across leading cloud platforms like AWS, Azure, and GCP. Our self-driving capabilities, powered by AI, provide autonomous storage management, infrastructure orchestration, and essential control. We adhere to site reliability engineering (SRE) principles, ensuring reliability and cost control in the public cloud. Additionally, our hybrid cloud approach excels in security and scalability, featuring flexible storage, infrastructure, and applications capable of handling diverse workloads. With a global partner ecosystem, we offer customized solutions and simplify consumption with cloud-like pay-per-use models and full-service management.

Data Dynamics' Expertise in Data-Drive Cloud Adoption

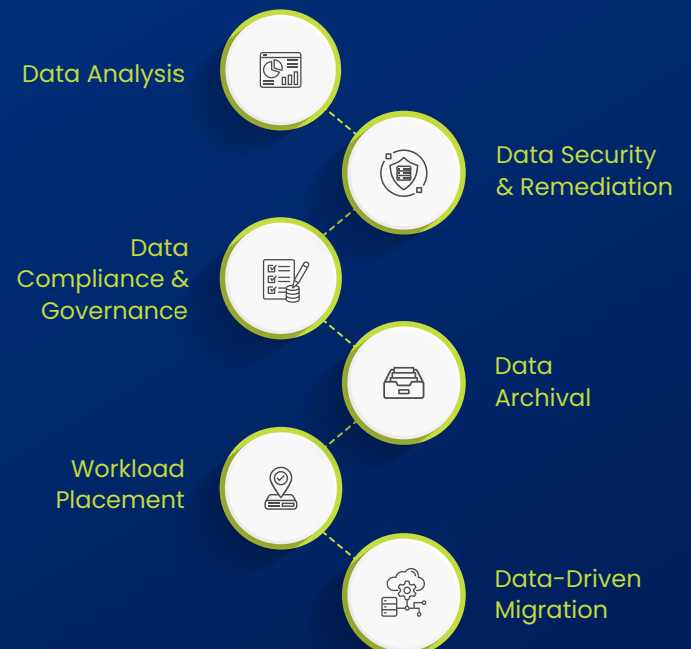
Data Dynamics plays a pivotal role in propelling organizations towards data-driven cloud adoption. We specialize in unified data management, seamlessly integrating data analytics, security, compliance, and migration. Our array of advanced technologies, such as AI, ML, Blockchain, Intelligent Automation, and Data Science Studio, empowers the efficient management of data at scale. Whether it's automating extensive data migrations within hybrid cloud environments or providing profound insights into data utilization, we ensure a smooth transition to the cloud. Moreover, our software places a strong emphasis on data security and governance. We offer robust features for discovering sensitive data, classification, remediation, and immutable audit logging. The result is a departure from the limitations of isolated data management solutions and the adoption of a unified software. It effectively structures unstructured data, unlocks valuable insights, strengthens security measures, ensures compliance, and drives the seamless adoption of data-driven cloud adoption.

Collaborating with Hitachi Vantara and Data Dynamics empowers your organization to unleash the Cloud's full potential. This partnership combines data intelligence, curation, security, and governance to accelerate your journey to the cloud.



CAPABILITY OVERVIEW

With our exclusive six-tier approach, Hitachi and Data Dynamics empowers enterprise customers to become Data Custodians of the future by structuring unstructured data and maximizing value through data-driven cloud adoption.



| Data Analysis

- **Data Discover & Cataloging:** Discover, catalog, and analyze all data types for informed data management decisions, including on-premises, cloud, and hybrid environments, as well as structured, unstructured, and semi-structured data.
- **Metadata Analytics:** Metadata discovery, classification, and tagging for data lifecycle management and usage pattern analysis. Supports data relevance assessment and data retention and disposal policies, reducing data sprawl, consolidating data lakes and optimizing storage resources.
- **Context Analytics:** Utilize machine learning for contextual analysis of unstructured data, considering content, structure, and data relationships. Get deeper insights into data context, enhancing decision-making and user experiences.

| Data Security & Remediation

- **Content Analytics:** Content Analytics powered by a Data Science Engine, AI/ML, and NLP for accurate discovery and classification of data according to its sensitivity, consumer information, business value, and other criteria.
- **Risk Exposure Insights:** Generate actionable insights using multi-level logical expressions and operators, providing a comprehensive understanding of risk exposure through descriptive and diagnostic analytics.
- **Data Quality Management:** Identify and fix data quality issues, such as missing values, inconsistencies, and inaccuracies, improving the reliability and accuracy of data
- **Risk Remediation:** Quarantine high-risk sensitive data in secure storage, such as file shares on storage resources or object storage buckets, enhancing data security.
- **Access Control and file re-permissioning:** Implement policy-based and robust file permissions management, including functions like preserving, repermissioning, and security reassignments via SID Mapping.
- **Open Share Reporting:** Enhance security by identifying sensitive data within open shares and rectifying permissions accordingly

| Data Compliance & Governance

- **Data Mapping:** Perform scans to identify files containing personal data, creating an inventory of processed, collected, stored, and shared data.
- **Classification:** Employ industry-standard compliance and governance templates to classify data based on regulatory guidelines, ensuring adherence to standards.
- **Immutable Audit Log:** Leverages blockchain technology to create immutable audit logs for data access activities, ensuring the generation of reliable governance reports for compliance
- **Data Tagging:** Establish file and folder tagging along with security protocols to ensure the protection of personal data.

| Data Archival

- **Archive Policies:** Streamline data movement with flexible archive policies, making the seamless transition of unstructured data a breeze.
- **File Preservation:** Safeguard original content by effortlessly converting archived files into object format, preserving data integrity.
- **Efficient Data Retrieval:** Retrieve data with ease, whether through the software or RESTful API, from object resources, ensuring quick access when needed.
- **Search and Discovery:** Simplify audit and legal discovery with user-friendly search and file-saving features, improving efficiency and compliance.
- **S3-Compliant Access:** Access object files conveniently using S3-compliant browsers or custom applications via REST APIs, ensuring compatibility and ease of use.

| Workload Placement

- **Data Identification, Classification, and Location Mapping:** Accurate data identification, classification, and mapping of physical and virtual data locations. Manage transaction files and their location and ultimate destination.
- **Custom Metadata Tags:** Enhance data management by identifying files suitable for cost-effective object storage migration and ensuring data quality through custom metadata tags.

CAPABILITY OVERVIEW

- **Intelligent Tiering and Placement:** Dynamically allocate resources and data storage to optimize performance based on usage patterns and requirements.

Data-Driven Migration

- **Policy-Based Data Migration:** Policy-driven automated data movement, including migration, replication, transform & sync, and archiving across various platforms, both on-premises and in the cloud (File to File, File to Object, Object to Object).
- **Integrated Risk Controls:** Safeguard sensitive data and ensure regulatory compliance through the seamless integration of risk controls across file and object platforms.
- **Intelligent Tiering and Placement:** Dynamically allocate resources and data storage to optimize

performance based on usage patterns and requirements.

- **Secure Data Sharing:** Enable secure data sharing in data lakes and pipelines with appropriate access controls to maintain data confidentiality and privacy compliance.
- **Scalability and Performance:** Manage a high volume of policies and data files, serving data science, cloud, and governance teams for secure and reliable data management.
- **Dedicated Migration Factory:** Allow users to design, build, deploy, report, and audit data migrations with their dedicated engineering team for a seamless data migration process.
- **Post Migration Testing, Optimization, and Data Retention:** Post-migration analysis, audit log examination, defining retention and deletion criteria, and establishment of data lifecycle policies.

SUCCESS STORIES

- > University of Utah Health reduces costs and maximizes agility for better patient care With Hitachi Ventara hybrid cloud data center solution.
[Read Case Study →](#)
- > Hitachi Virtual Storage Platform Accelerates Move to Cloud With Flash for Accident Compensation Corporation.
[Read Case Study →](#)
- > A Fortune 50 Energy Company migrates 600 TBs of data in 20 days and saves millions of dollars in data center closure.
[Read Case Study →](#)
- > A Fortune 100 Multinational Beverage Corporation analyzes and migrates data to the Cloud, saving significantly on storage costs during data center closure.
[Read Case Study →](#)



Hitachi Vantara and Data Dynamics are committed to helping organizations unlock the power of Data-Driven Cloud Adoption. Together, we provide the technology, expertise, and support needed to navigate the complexities of modern data environments and drive business success.

Contact us to learn more about how we can transform your data management strategy and empower your organization to thrive in the digital age.

For more information, call us at **1-678-403-3035** or visit website at www.hitachivantara.com