

Charting the Digital Odyssey

Hitachi Vantara and Data Dynamics – The Dynamic Duo Strengthening Data Resilience

Data serves as the cornerstone of modern business operations, and its loss or unavailability can result in catastrophic consequences. These repercussions extend well beyond financial losses and may encompass damage to reputation, erosion of customer trust, regulatory non-compliance, and even legal liabilities. This is where Data Resiliency comes into play as a crucial safeguard. It transcends mere data backup, encompassing a comprehensive approach to data that addresses availability, protection, governance, and integrity.

In a collaborative effort, Hitachi Vantara and Data Dynamics are uniting their strengths to deliver resilient Data Resiliency solutions, empowering organizations to fortify, oversee, and guarantee the availability of their invaluable data assets.

OUR VISION

The core of this strategic partnership encapsulates a common vision: to provide organizations with comprehensive data management solutions for ultimate data visibility and control, allowing organizations to extract maximum insights from their data while upholding the highest standards of data security and governance.



Our Data Resiliency solutions are designed to:



Safeguard data against a wide range of threats.



Meet regulatory and compliance requirements.



Optimize data storage and management for resiliency.



Empower organizations to confidently protect their data.



Simplify data management across heterogeneous environments.

The Power of Hitachi Vantara's Infrastructure Solutions

Hitachi Vantara redefines data management with a strong focus on ensuring Data Resiliency through our extensive portfolio of solutions. Our offerings go beyond traditional storage and processing, empowering organizations with advanced data discovery capabilities for structured and unstructured databases. With seamless integration across on-premises, off-premises, and cloud environments, we bridge the divide between diverse data types, paving the way for transformative experiences. At the core of our ecosystem, you'll find Hitachi's Content Intelligence solution—a game-changing technology that uncovers hidden insights in your data using innovative algorithms and machine learning. Explore valuable patterns and trends while harnessing the power of natural language processing (NLP) and sentiment analysis for unstructured data.

Data Dynamics' Expertise in Data Management

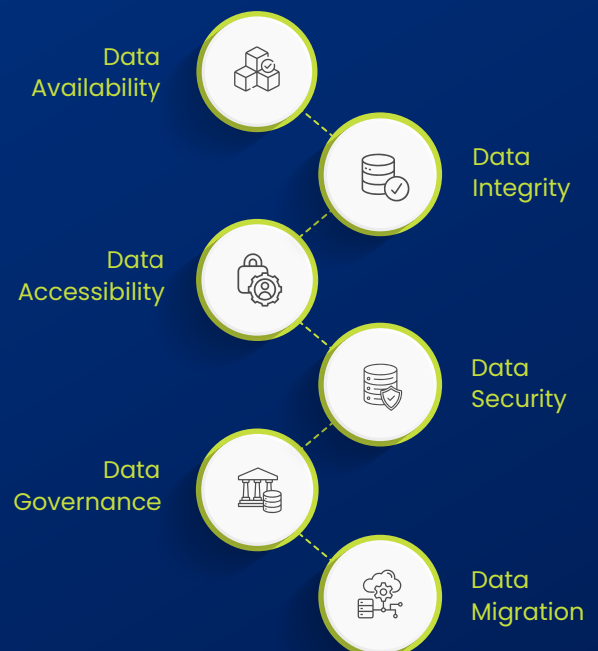
Data Dynamics stands as your steadfast partner in the realm of unified data management, where the flavors of data resiliency, security, compliance, and migration are seamlessly woven together. Our arsenal of advanced technologies, such as AI, ML, Blockchain, Intelligent Automation, and Data Science Studio, is the driving force behind efficient, large-scale data management. Get invaluable insights on data utilization and create a robust data security and governance ecosystem, equipped with features for sensitive data discovery, classification, remediation, and immutable audit logging. Bid adieu to isolated data perspectives and fragmented point solutions and embrace a unified software that skillfully structures unstructured data, unlocks profound insights, fortifies security, ensures unwavering compliance, and navigates the vast landscape of cloud data management.

With Hitachi Vantara and Data Dynamics, your organization is well-positioned to go beyond mere data oversight and protection. Together, we unearth the latent value concealed within your data assets, all while ensuring robust data resiliency.



CAPABILITY OVERVIEW

With our exclusive six-tier approach, Hitachi and Data Dynamics offer a meticulously organized and enhanced perspective on your data, unlocking its full potential as a valuable business asset. This process not only enhances your data's reliability and durability but also strengthens its resiliency in the face of challenges.



| Data Availability

- **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, reducing data sprawl, consolidating data lakes, and optimizing storage resources.
- **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.

| Data Integrity

- **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.
- **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 Quality Management:** Identify and fix data quality issues, such as missing values, inconsistencies, and inaccuracies, improving the reliability and accuracy of data.

| Data Accessibility

- **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:** Identify sensitive data within open shares and rectifying permissions accordingly.

| Data Security

- **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.
- **Risk Remediation:** Quarantine high-risk sensitive data in secure storage, such as file shares on storage resources or object storage buckets, enhancing data security.
- **Secure Data Sharing:** Enable secure data sharing in data lakes and pipelines with appropriate access controls to maintain data confidentiality and privacy compliance.

| Data 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 Migration

- **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.
- **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 and remediate 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.
- **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

- > Rabobank Leads the Field With Compliance Discovery Search Time Reduced From Weeks to Hours With Hitachi Content Platform.
[Read Case Study →](#)
- > Fannie Mae Automate accelerates data delivery, eliminates data anomalies, and standardizes compliance with Hitachi's automated profiling and tagging of data sets powered by AI.
[Read Case Study →](#)
- > Fortune 50 multinational automotive company analyzes, minimizes, and archives 3+ Petabytes of Unstructured Using a Unified Data Management Software.
[Read Case Study →](#)
- > Fortune 50 Bank Discovers and Remediate 21k Files with Sensitive Data from 3M Files Scanned for Efficient Risk Management and Compliance with Data Dynamics.
[Read Case Study →](#)



Hitachi Vantara and Data Dynamics are dedicated to empowering organizations to harness the full potential of their enterprise data, ensuring data resiliency and agility. 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