

Hitachi data storage optimisation service



HITACHI

Hitachi Digital Services

These days organisations face myriad challenges in managing their ever-growing data repositories.

As businesses digitise their operations, the volume of documents and data is expanding rapidly, and this can lead to increased storage costs and operational inefficiencies.

Hitachi's Data Storage Optimisation Service offers a comprehensive solution to these challenges, helping organisations optimise their data management strategies and unlock significant cost savings.



The data dilemma

Many organisations struggle with rapidly growing document volumes, escalating storage costs, and inefficient document retrieval processes. Furthermore, maintaining data quality and ensuring compliance is becoming increasingly difficult in data management. Tackling this is essential for operational efficiency and customer experience.

Our approach

Hitachi's expert team conducts a thorough analysis of your data landscape, identifying key areas for improvement. We begin with an initial workshop to understand business objectives, followed by deep dives into various aspects of the document landscape. Our team then identifies specific use cases for improvement and develops a tailored solution roadmap and business case.

Success stories

Nationale-Nederlanden Insurance

With over 3,000 employees interacting with the system daily and 3 million documents added each month, Nationale-Nederlanden's document archive solution, Titan, required an additional 1-2 terabytes of storage monthly. This rapid growth in document volume driven by digitisation underscores the criticality of efficient document retrieval to maintain case handlers' productivity. We developed a comprehensive optimisation roadmap and solution strategy to proactively address these challenges.

We have been able to identify data quality management opportunities. These, in turn, impact search and retrieval, retention handling and extracting content from documents with GenAI.

NN could now potentially reduce storage space by 39-45% through near-duplicated document management. By implementing our solution for metadata quality improvement, NN could achieve a 1-5% increase in case handling efficiency.



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Transform your data management strategy

Hitachi's Data Storage Optimisation Service offers a proven approach to tackling the challenges of modern data management.

Our solutions are designed to deliver both immediate cost savings and long-term operational benefits.

By implementing Hitachi's Data Storage Optimisation Service, you are able to achieve substantial cost savings on storage infrastructure, improved operational efficiency for employees, enhanced document retrieval and accessibility, better compliance with data retention policies and scalable solutions for future data growth.



Our process

We begin with a thorough assessment of your current data landscape, identifying business priorities and agree on a direction of focus. We follow this up with high level explorations into different areas of the business, to identify where storage can be optimised.

Our experts then work with you to create a tailored roadmap for data optimisation, aligned with your business objectives. We use cutting-edge solutions to reduce storage requirements, improve data quality and enhance accessibility. Finally, our team provides ongoing support and optimisation to ensure long-term success.

Hitachi offers proven expertise across multiple industries, cutting-edge technology solutions and a comprehensive approach addressing both technical and business needs.

Our solutions provide measurable ROI and performance improvements.

Steps to optimise storage with AI

01 Explore and review

Charter the course for AI driven storage optimisation and preparations

- Pinpoint priorities and needs
- Assess readiness
- Review data landscape
- Hypotheses and open questions
- Innovation direction and scope

02 Deep dives

Hypothesis-driven AI, data and business testing – value vs. feasibility

- Business process analysis
- Business value modelling
- Iterative AI optimisation evolution
- Data analysis and assessment

03 Business case

Compile deep dives into solution design and business case

- Use case strategy and roadmap
- Solution sketch and effort
- Business case and ROI
- Demo and report

Main benefits of data storage optimisation



Boost operational efficiency

- Accelerate document retrieval and content extraction, enabling faster insights.



Optimise storage utilisation

- Achieve significant reductions in existing and future storage needs.



Enhance customer self-service

- Deliver a seamless customer portal experience, empowering customers to locate documents effortlessly.
- Reduce support workload by eliminating manual document sharing.



Improve document metadata quality

- Gain actionable insights into data accuracy, consistency, and completeness.
- Identify and address metadata issues to improve overall quality.



Simplify document migration

- Leverage AI-augmented metadata validation / completion for smoother transitions to new archives.



Enable strategic decision-making

- Track key metrics and measure the impact of operational improvements.

Next steps

Don't let inefficient data storage hold your organisation back.

Contact Hitachi today to learn how our Data Storage Optimisation Service can transform your data management strategy and drive significant cost savings.

Talk to us today

Stewart Reeder, Head of Banking

Hitachi Digital Services | +44 (0) 7825-198-752 | stewart.reeder@hitachids.com

About Hitachi Digital Services

Hitachi Digital Services, a wholly owned subsidiary of Hitachi, Ltd., is a global systems integrator powering mission-critical platforms with people and technology. We help enterprises build, integrate, and run physical and digital systems with tailored solutions in cloud, data, IoT, and ERP modernization, underpinned by advanced AI. By combining Information Technology and Operational Technology (ITxOT), we drive efficiency, innovation, and growth across industries. With over 110 years of Hitachi Group's engineering and technology leadership, Hitachi Digital Services is powering smarter platforms for a safer, more sustainable future. To learn more, visit hitachids.com.

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14th floor, Broadgate Tower, 20 Primrose Street, London, EC2A 2EW