Infrastructure Modernization With Hitachi Vantara

Drive Innovation and Agility From a Solid Foundation

CUSTOMER STORIES

Modernize Infrastructure To Innovate and Gain Competitive Advantage.

The right infrastructure makes all the difference when it comes to future business success. Today's infrastructure must be engineered to support your digital innovation — accelerating your cloud, your applications, and your data. Modernized infrastructure is needed to provide the agility, efficiency and resilience required for new workloads, applications and technology requirements that are part of your future.

To this end, we've worked with customers across all industries, from finance, insurance, telecom, utilities, higher education and medical research to wholesale and retail. Page through this e-book for a snapshot of how nine companies have embraced infrastructure modernization to drive innovation, agility and competitive advantage.

Fast Tracking Innovation and Growth.

DenizBank ⚓

Putting Customers **First.**

DenizBank provides retail, private and investment banking services for more than 14 million customers. Headquartered in Istanbul, the bank has 14,000-plus employees and 750 branches across Turkey, Germany, Bahrain and Russia. DenizBank's goal was to safeguard the customer experience and application performance as the bank expands. Its solution was to deploy an active-active solution with Hitachi infrastructure and data protection solutions.

OUTCOME

- Safeguards data availability.
- Simplifies storage management.
- Supports growth with greater scalability.
- Improves the customer experience with better application performance.

Products: Hitachi Virtual Storage Platform, Hitachi Content Platform, Hitachi Ops Center, Hitachi Universal Replicator

Industry: Financial Services

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With the Hitachi Vantara storage solution, we can support continued growth without compromising our customer-first philosophy."

Hakan Ates
CEO, DenizBank

Link to Full Story ↗

Creating Innovative Customer Experiences.

Mitre Realty has been constructing and developing innovative and sustainable housing in Brazil for nearly 60 years. The company's goal was to support growth, innovation and digitalization with a more agile and secure IT infrastructure to:

- Increase IT agility to support business process change.
- Improve performance, security and scalability for a modern work environment and Work From Home (WFH) workforce.

Its solution was to implement a new hybrid data center environment based on Hitachi storage and converged solutions.

OUTCOME

- Ability to provide engaging digital customer experiences that boost competitive advantage.

- Seamless transition to working from home for 300 employees during COVID-19 lockdown.

- Enhanced IT security, performance and scalability.

Products: Hitachi Unified Compute Platform, Hitachi Virtual Storage Platform, Virtual Desktop Infrastructure, Hitachi Unified Compute Platform Advisor, Hitachi Ops Center Administrator, Hitachi Ops Center Analyzer

"We can now offer unique digital experiences that help improve our customers' sense of well-being, which improves our competitive advantage."

Danilo Rogério Bonfim
Head of IT, Mitre Realty

Link to Full Story ↗

Optimizing Customer Experience.

A pioneer among public information technology companies, Paraná Information and Communication Technology Company (Celepar) is majority owned by the state of Paraná, Brazil. Celepar provides integrated information technology services to all agencies and entities within the state. Celepar's goal was to achieve a more efficient and effective IT delivery service to support next-generation applications by increasing infrastructure performance, consolidating and standardizing IT systems and operations, and reducing the infrastructure footprint and operating costs. The company's solution was to modernize IT infrastructure and consolidate over 100 servers onto Hitachi all-flash storage to provide greater performance and efficiency – without disrupting operations that support the citizens of Paraná State.

OUTCOME

- Reduced footprint and operating costs.
- Faster application response times.
- Improved data security.
- Zero disruption to online services during migration.

Products: Hitachi Virtual Storage Platform All-Flash, Hitachi Ops Center

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2020 was a crucial year, it reinforced the importance of our digital services. With our migration to all-flash [storage], we gained better response time. Now we can provide better agility in our services and optimize the customer experience."

Dario Kuceki Knopfholz
Information Systems Infrastructure Technology Coordinator, Celepar

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suva

Embracing Digitization and Automation.

A leading insurance provider, Suva covers half of Switzerland's employees and promotes public safety with wide-ranging accident-prevention campaigns. The company's positive impact is highlighted by nationwide statistics on occupational and leisure accidents, which have been declining continuously for many years. Suva's goal was to embrace the full potential of digitization and automation to improve customer services, improve performance and scale to support new analytics applications, and increase asset utilization efficiency. The company's solution was to implement end-to-end infrastructure that modernized and optimized resources, was built on a proven partnership, and utilized innovative technology for maximum performance.

OUTCOME

- Delivers new levels of storage performance, with throughput in excess of 10 million IOPS.

- Increases effective storage capacity with 1.85:1 data deduplication and compression.

- Supports strategic initiatives by enabling real-time analytics, machine learning and intelligent automation.

- Maintains a record of outstanding quality, stability and performance in a relationship that has lasted more than 30 years.

Products: Hitachi Virtual Storage Platform and its global-active device feature, Hitachi NAS Platform, Hitachi Content Platform

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Industry: Insurance

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Hitachi Vantara has become a trusted partner, delivering outstanding quality, stability, services — as well as performance throughout our 30-year relationship. They continue to invest in innovations, products and usability, and we truly appreciate all the improvements we see in the latest Hitachi Virtual Storage Platform 5500."

Christian Arn
Head of IT Infrastructure, Suva

Link to Full Story ↗

BOE

Transforming Operations.

BOE is a supplier of internet of things (IoT) technologies, products and services with three core businesses: Display Device, Smart System and Healthcare Service. The company's goal was to increase availability and performance for end users. BOE's solution was to build a fast, robust underlying infrastructure to support a new virtual desktop infrastructure (VDI) cloud.

OUTCOME

• Improve performance and end-user experience.

• Reduce total cost of ownership (TCO) and complexity.

• Increase security.

Products: Hitachi NAS Platform, Hitachi Virtual Storage Platform , Hitachi Storage Virtualization Operating System, Hitachi NAS Platform entry cluster software bundle

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BOE Technology Group needed to transform its work and operations by implementing a new, more agile virtual desktop cloud environment. With Hitachi solutions and services, we were able to achieve this."

SONG Jian
Deputy Director, Information Management
Department, BOE Technology Group

Link to Full Story ↗

CTMR
Karolinska Institutet

Speeding Medical Research.

Researchers at the Centre for Translational Microbiome Research (CTMR) Karolinska Institutet are working on accelerating research into all aspects of chronic diseases in the gastrointestinal tract and to better understand the impact of the microbiome in reproductive health. The primary goal is to unlock the potential of the human microbiome — the community of microbial organisms found in the body's digestive systems — to improve treatments and prevent diseases. To speed its medical research, CTMR's goal was to increase availability and performance for end users. Its solution was to deploy converged infrastructure with high performance and automation to run complex analyses faster.

OUTCOME

- Scales up analytics performance to process large amounts of DNA sequencing data.
- Speeds up medical research by delivering instant insights and eliminating delays.
- Transforms static infrastructure into a dynamic, highly automated cluster solution.
- Establishes an agile and modular in-house high-performance computing platform.

Products: The converged infrastructure Hitachi Unified Compute Platform CI series, Hitachi Virtual Storage Platform, Hitachi Unified Compute Platform Advisor
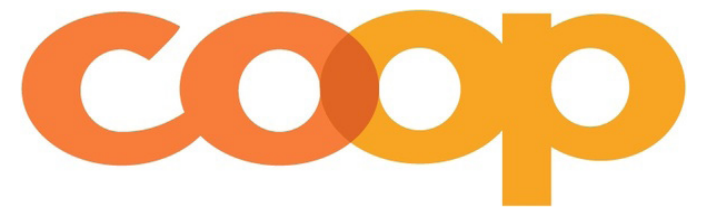
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Crucially, we have used the Hitachi Vantara converged infrastructure solution to analyze and assemble complete SARS-Cov-2 genome sequences. This research will be published to contribute to the global effort of scientists and medical staff to combat the COVID-19 pandemic more effectively"

Fredrik Boulund
Head of Bioinformatics, Centre for Translational Microbiome Research, Karolinska Institutet

Link to Full Story ↗

Coop

Getting Back to Growth.

The Coop Group is an international producer, wholesaler and retailer of food, nonfood and services. Challenged initially by rapid growth, they now have over 2,000 retail outlets and 115 cash-and-carry markets and over 77,000 employees throughout Europe. IT fell behind due to this massive growth, and business was throttled by performance issues and delays from data operations. The Coop Group's goal was to bring IT back up to speed and its solution was a high-speed all-flash implementation, to boost performance and reduce response times.

OUTCOME

- Reduced footprint by 60%.

- Lowered response times by a factor of 10.

- Allowed 3X-faster overnight batch jobs.

- Migrated all mission-critical data with zero downtime.

Products: Hitachi Virtual Storage Platform, Hitachi Accelerated Fabric, Hitachi Storage Virtualization Operating System

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The Hitachi solution helps to ensure that operations keep running smoothly, even as Coop continues to grow."

Romain Feigenwinter
Storage Team Leader, Coop

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Boosting Operational Agility.

CPFL is responsible for distributing power to over nine million consumers across 12 of the 27 Federation Units and four of the five regions of Brazil (South, Southeast, Midwest and Northeast). The utility's goal was to optimize the performance of the power grid map's management system. Its solution was based on Hitachi's high-speed infrastructure, which provided faster access and processing, including the exchange of information between areas, and enhanced integration and optimization throughout the production chain.

OUTCOME

• Improved customer experience with responsive power-grid management.

• Decreased compression routine from seven days to 32 hours on average.

• Increased data processing speed.

• Verification of the network management system occurred three times faster.

Products: Hitachi Virtual Storage Platform and its flash module features

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Hitachi's efforts were particularly interesting, because they provided technical know-how, but they also understood our business needs."

Marcio Felix
IT Manager, CPFL Energia

Link to Full Story ↗

CHINA TELECOM

Managing Rapid Growth of Unstructured Data.

ShanDong Telecom, established in October 2002, is part of China Telecom, the state-owned telecommunication company. It is the largest fixed-line service and the third largest mobile telecommunications provider in the People's Republic of China. The company's goal was to support and protect unstructured data. Its solution was to improve data protection and implement an object store.

OUTCOME

- Improved efficiency of backup and recovery by over 30%.
- Estimated savings: US$0.9 million over 3 years.

Products: Hitachi Virtual Storage Platform and its global-active device, Hitachi Content Platform, Hitachi Universal Replicator

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Since implementing the Hitachi Content Platform, we improved efficiency of backup and recovery by over 30%. We don't worry about passing a KPI evaluation."

Zhao Mingming
IT Operation and Maintenance Manager,
ShanDong Telecom
(Part of China Telecom)

Link to Full Story

Hitachi Delivers Expert Guidance, Expert Results.

At Hitachi Vantara, we believe that today's infrastructure must be engineered to support your digital innovation, accelerating your transformation to the cloud, your applications and your data. Modernized infrastructure is needed to provide the agility, efficiency and resilience required for new data heavy workloads, numerous applications and new technologies that are part of your future.

Building on 55+ years of information technology innovation, 25+ years of consulting expertise, 700+ cloud migrations, deep vertical experience and global partnerships, we take a holistic approach to infrastructure modernization. Our experts will guide you on your modernization journey to make smart decisions, drive faster results and achieve your desired outcomes.

Learn how Hitachi Vantara can help you with infrastructure modernization and all aspects of modernizing your digital core. ⊙

Learn more about Hitachi Vantara midrange storage solutions. ⊙