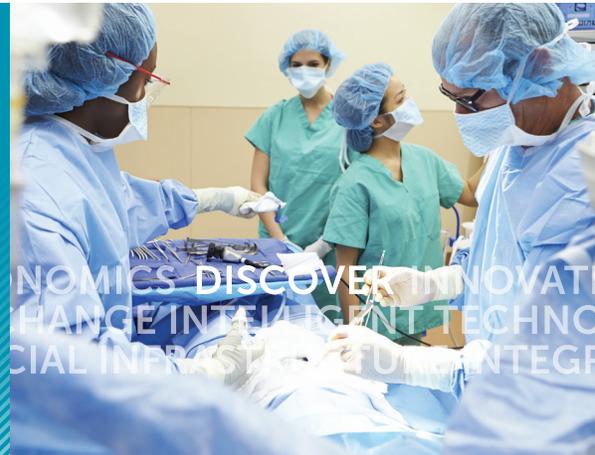


“ We gained a future-proof solution from Hitachi for supporting excellent digital patient care and critical hospital applications. Doctors can rapidly access their patients’ electronic health records, allowing more time for quality consultations, improved access to test results and targeted diagnoses and care. ”

*Roman Haselsberger  
IT Manager  
Kufstein District Hospital*



## Kufstein Hospital Future-Proofs Data Operations for Continuous Digital Patient Services With Hitachi Virtual Storage Platform G200

**Challenge:** Manage critical hospital information for highest availability, compliance and cost efficiency, and digital patient care.

**Solution:** Create a flexible, future-proof IT environment with an excellent price-performance ratio.

**Outcome:** Single-source solution with highest levels of availability and automation improves patient services and cost savings.

### The Challenge

Kufstein District Hospital is responsible for the health and well-being of patients across Austria’s Tyrol region and beyond. Specializing in oncology and other health-care fields, Kufstein Hospital is keenly focused on continuous improvement through innovation and medical progress. The hospital employs 1,000 staff, who are collectively tasked with providing top-notch care, minimizing risks and delivering new services.

Kufstein’s IT department is responsible for meeting the ongoing challenges of managing and storing hospital data. Critical healthcare applications must be always available so medical professionals

and operational staff have access to patient and billing information. Sensitive patient records, along with high volumes of picture archiving and communication system (PACS) imaging data, need to meet stringent compliance and data protection mandates. Existing IT architecture has not been able to fully accommodate aggressive data growth, centralized data access or high automation levels.

Tight on budget and personnel, IT envisioned a highly reliable, future-proof technology ecosystem capable of delivering excellent price-performance. “The aim was to guarantee fail-safety and high availability with a centralized storage system. We expect modern technologies



**Kufstein District General Hospital  
(A. ö. Bezirkskrankenhaus Kufstein)**

**INDUSTRY**  
Healthcare

**SOLUTION**  
Storage, Storage Management

**HARDWARE**  
Hitachi Virtual Storage Platform G200

**SOFTWARE**  
Hitachi Storage Virtualization Operating System with global-active device feature, Hitachi Dynamic Tiering

**SERVICES**  
Provided by Kapsch BusinessCom

### Outcomes

- Simplified system administration with increased capacity under management.
- 24/7 availability for hospital applications.
- Nearly doubled storage capacities for PACs archive and virtualized storage.
- Nondisruptive data migration with no downtime for existing Hitachi platforms.

to reduce cost pressures, improve performance and provide ample capacity for the next five years. Our image data from X-rays, computer tomography and endoscopy takes up most of our storage space and grows year by year," explains Roman Haselsberger, the IT manager of Kufstein District Hospital.

## The Solution

The hospital selected a Hitachi Virtual Storage Platform (VSP) G series system, VSP G200, to help accomplish the daunting list of requirements. VSP G series systems deliver more for less: simplified, unified infrastructure management with maximum return on investment. Haselsberger states that the IT team chose the VSP G200 model for its technically advanced feature set and extremely attractive price. Additionally, Kufstein has enjoyed a positive experience with Hitachi Data Systems as a technology partner.

With best-in-class hybrid-flash-accelerated scalability, simplified automation and automated tiering, the VSP G series systems offer a no-compromise versatile architecture. VSP G series provides a 100% data availability guarantee, nondisruptive data migrations and active-active clustering for matchless resiliency. In these systems, Hitachi Storage Virtualization Operating System (SVOS) expertly virtualizes, provisions and centrally manages pooled storage across multiple storage platforms. The SVOS global-active device feature provides continuous operations and active-active support for storage volumes that span local and remote physical storage systems. Active-active mirroring ensures zero downtime, zero recovery time and no data loss.



Now Kufstein is primed to meet the hospital's required levels of service and diverse demands. "We have been very impressed by the professional implementation and quality technology provided by our partners, Kapsch BusinessCom and Hitachi Data Systems. Now, our existing Hitachi storage platforms can be virtualized via VSP G200 for nondisruptive data migration without downtime, which otherwise could be costly. There is no need to micromanage the platform: The automated features and failover capabilities ensure our mission-critical applications can continue without interruption," says Haselsberger.

## The Outcome

Since implementing VSP G200, Kufstein District Hospital has realized new cost efficiencies and performance improvements. Unifying storage across hospital systems and databases has increased capacity

utilization and enabled greater consolidation of storage resources. By automating processes and increasing its virtualized storage from 11TB to 16TB, IT has simplified data access and storage administration. Kufstein has nearly doubled storage capacity for the PACS archive, from 34TB to 60TB, which is critical as imaging technology improves and file size increases. With a forecast for increased storage growth and ever-changing requirements, IT is confident in its highly virtualized, resilient and cost-efficient VSP G200 architecture.

The hospital considers its technology deployment most successful in the areas of digital patient care. Being able to rapidly retrieve data stored across the system is essential to providing superior patient diagnoses and treatment options. Physicians and medical staff have around-the-clock connection to vital information and the federally managed patient data system known as ELGA.

"We gained a future-proof solution for supporting excellent digital patient care and critical hospital applications. Doctors can rapidly access their patients' electronic health records, allowing more time for quality consultations, improved access to test results, and targeted diagnoses and care," Haselsberger concludes.

## About HDS

Hitachi Data Systems innovates technology for business and social prosperity. Our IT solutions and services drive strategic management and analysis of the world's data. Ask us how we can help you get started. [HDS.com](http://HDS.com).

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**Corporate Headquarters**  
2845 Lafayette Street  
Santa Clara, CA 95050-2639 USA  
[www.HDS.com](http://www.HDS.com) [community.HDS.com](http://community.HDS.com)

**Regional Contact Information**  
**Americas:** +1 866 374 5822 or [info@hds.com](mailto:info@hds.com)  
**Europe, Middle East and Africa:** +44 (0) 1753 618000 or [info.emea@hds.com](mailto:info.emea@hds.com)  
**Asia Pacific:** +852 3189 7900 or [hds.marketing.apac@hds.com](mailto:hds.marketing.apac@hds.com)

