

HUS-yhtymä Transforms Healthcare IT with Oracle ExaDB-XS: Enhancing Security, Scalability, and Cost Efficiency



Industry: Healthcare

Headquarters: Helsinki, Finland

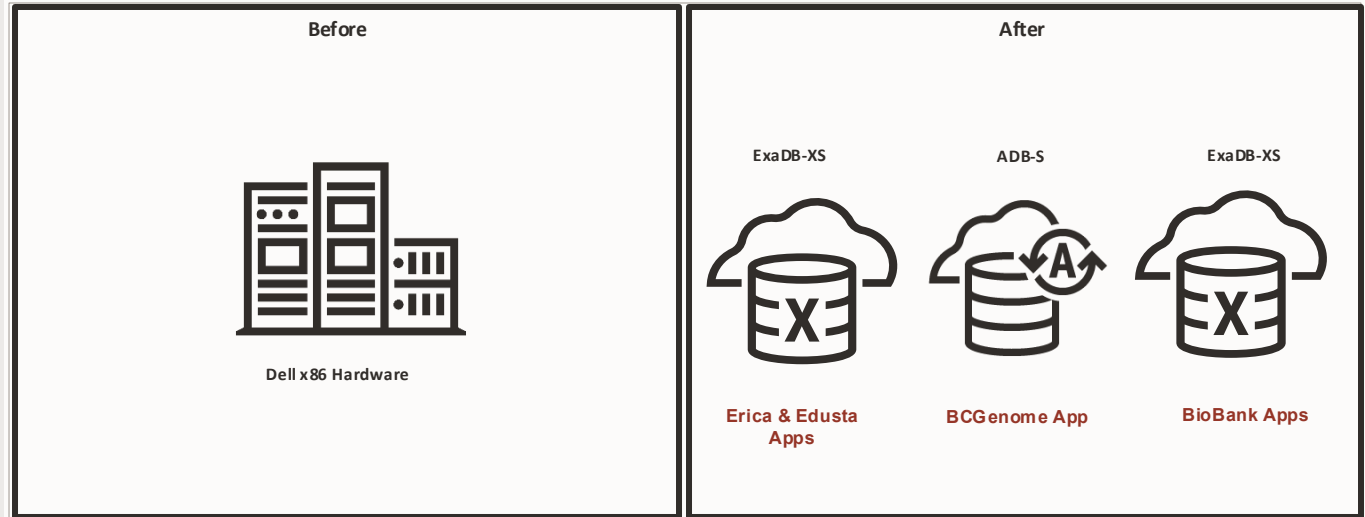
HUS-yhtymä (Helsinki and Uusimaa Hospital District) is the largest healthcare provider in Finland, responsible for delivering specialized medical care, conducting cutting-edge research, and offering a wide range of healthcare services to a population of over 2.2 million residents across the Helsinki and Uusimaa regions. With a commitment to innovation and high-quality patient care, HUS operates several hospitals and clinical units, supporting both local and national healthcare needs. The organization is also a leader in adopting modern healthcare IT solutions to enhance operational efficiency and patient outcomes.

Business Objectives

- ☁ **Ensure Compliance with Medical Information Regulations:** Implement a secure and scalable database solution to meet stringent data protection and clinical information requirements.
- ☁ **Optimize Operational Costs and Modernize IT Infrastructure:** Transition from legacy systems to a cloud-first architecture for improved cost efficiency and scalability.
- ☁ **Support Advanced Healthcare Applications:** Enable seamless management and analysis of genomic, biobank, and clinical data through robust and high-performing IT systems.

Benefits Achieved

- ☁ **Enhanced Security and Compliance:** Achieved regulatory compliance with advanced security features, including encryption, partitioning, and RAC, ensuring the protection of sensitive clinical and biobank data.
- ☁ **Cost Savings and Scalability:** Significantly reduced operational costs while enabling seamless scalability to support growing data and application demands.
- ☁ **Improved Performance and Efficiency:** Delivered high performance for critical workloads, including OLTP and genomic data analysis, with streamlined database management and optimized IT operations.



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Working with Oracle and using Exadata Database Service on Exascale Infrastructure has transformed how we manage healthcare data. We've improved security, saved costs, and gained the flexibility to grow as our needs change. This partnership helps us focus on providing better care and staying ahead in healthcare innovation.

Ullamaija Koivusaari
IT-Manager

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Applications

- ☁ Medical Data & Sample Management Systems
- ☁ Clinical & Patient Record Management Systems

