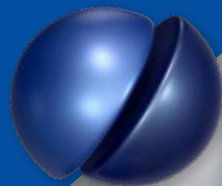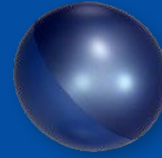# Real Organizations, Real Database Challenges

Learn how these businesses and associations leveraged Nutanix to simplify and save on their database operations
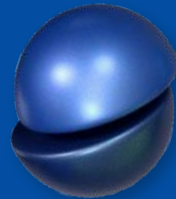
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Experience Database Efficiency and Simplicity on your terms.

Businesses and IT organizations face critical infrastructure and database challenges stemming from legacy infrastructure, limited scalability, poor performance, and complexity of database management. As a result, IT managers and database administrators need a modern, flexible, and simple solution that meets cost, performance, and security requirements.

ORGANIZATION:

The Ontario Nurses' Association (ONA) represents more than 65,000 registered nurses and healthcare professionals and 18,000 nursing student affiliates across the province. They heavily rely on infrastructure to help manage the negotiation of nearly 600 agreements and retain historical data for members and future cases.

CHALLENGE:

The network assessment revealed that it was antiquated and out of date; not able to support current and future operations dependably. Additionally, security and performance are essential to ONA's work on behalf of the members they represent. Therefore, the Union needed new options to balance performance and cost.

SOLUTION:

The Nutanix infrastructure supports the full range of workloads and services that ONA needs to support its members, including email and collaboration, office productivity applications, as well as its custom-built Microsoft SQL database.

BENEFITS:

Read the Case Study

"We have seen an increase of two or three times in terms of application performance... Our applications are optimized, and since the database is performing faster, we are not hearing complaints. It cuts down on our support calls."

– Kris Bhoutika, Manager of Applications Development

HEALTHCARE ORGANIZATION

ORGANIZATION:

This healthcare member-based not-for-profit organization has been responsible for promoting safe, competent practitioners in its industry.

CHALLENGE:

The organization relies on ten different database servers and more than 50 databases to meet its needs. However, its diverse applications and environments were complex, difficult to manage, and negatively impacted performance.

SOLUTION:

Nutanix HCI and Nutanix Era gave this organization an easier single interface that made it easy for them to manage their infrastructure and databases with one-click operations.

"Nutanix was instrumental in enabling us to cut over to a new environment, cutting our lead time in half. Nutanix enables us to keep our databases refreshed and our environments intact. It's a world of difference."

– Brett Lubeck, Information Systems Configuration Manager

BENEFITS:
Read the Case Study

COMPANY:

The EDAG Group is one of the world's largest independent development partners to the automotive industry, with 8400 employees. EDAG Engineering GmbH is a German company that works in product development and production plant development.

CHALLENGE:

Supporting the activities of EDAG's engineers and software developers are Microsoft SQL Server databases. However, its legacy infrastructure was encumbered by redundancies and lacked optimizations. EDAG needed a faster and more flexible way to provide developers with database resources to meet the demands from customers for more rapid results.

SOLUTION:

To optimize database operations and reduce the administrative effort in maintaining them, EDAG chose to deploy Nutanix Era, a database-as-a-service (DBaaS) platform.

BENEFITS:

Watch the Video
Read the Case Study

"**Optimized SQL efforts and reduced administrative efforts. Nutanix offers a complete package and optimal solution. Era is the best solution for standardized database management, provisioning and configuring databases...cutting our time in half with 2x performance.**"

– Andreas Weber, Sr. Systems Engineer,
  EDAG Engineering GmbH

COMPANY:

SEMLEX, created in 1992, relies on a broad experience in development, integration, operational management, and supply of high technology systems in identification and authentication.

CHALLENGE:

SEMLEX dealt with the complexity of provisioning active-active AAG database servers and the operational management challenges of database copies and disk capacity while growing a SQL Server environment.

SOLUTION:

Nutanix Era gave SEMLEX the DBaaS they needed. It reduced dependence on other teams and provided the ability to provision new servers in a matter of minutes versus the hours it used to take them.

"Nutanix Era Platform for Databases helped us overcome the complexity of provisioning active-active AAG database servers and addressed the operational management challenges of database copies and disk capacity while growing a SQL Server environment...Nutanix Era performance, tuning and time-saving features are a game changer."

– Simon Hoggart, IT Manager, Semlex

BENEFITS:

Watch the Video

Read the Case Study

INTERNATIONAL RETAILER
HARNESSES HPE GREENLAKE WITH NUTANIX ERA

COMPANY:

This large international retailer operates hundreds of stores across the globe, with high-level IT operations and datacenters for each large region managed from a single central facility.

CHALLENGE:

Database infrastructure historically relied on three-tier virtualization, which had begun to drive bloated operational costs and bog down deployment times. The existing implementation also relied on legacy AIX technologies requiring specialized skill sets that were difficult and expensive to source.
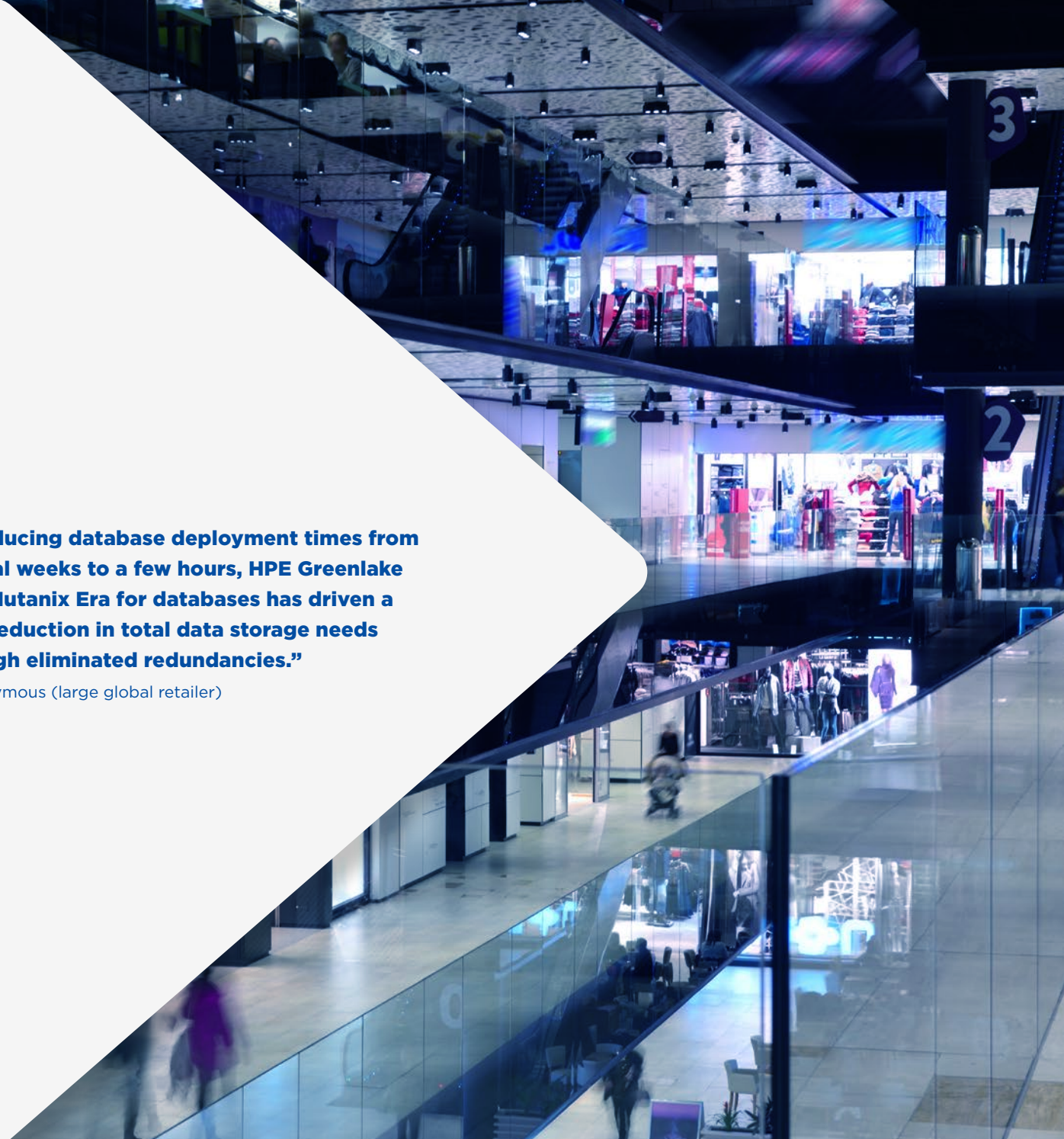
SOLUTION:

A database platform that streamlines administration and costs while enabling rapid, self-service database deployment.

> "By reducing database deployment times from several weeks to a few hours, HPE Greenlake with Nutanix Era for databases has driven a 2-3x reduction in total data storage needs through eliminated redundancies."
>
> – Anonymous (large global retailer)

BENEFITS:
Read the Case Study

RBL BANK

COMPANY:

RBL Bank is a digital leader in India with over 8.49 million customers and 1,631 offices.

CHALLENGE:

RBL Bank has seen a large increase in the use of digital channels by customers which has caused huge volatility in transaction volumes. Its legacy systems provided limited flexibility and were not providing the speed and agility requirements.

SOLUTION:

Nutanix HCI and Nutanix Era have enabled RBL Bank database management operations to run 6x faster and its database administration to become 90% more efficient.

> **"The time to provision a new database has been cut by 90%...Our DBAs spend just 30% of their time on UATs with compute and storage resources, and database copies are available in an instant...time-to-market for new services has dropped from 2-4 days to 4-6 hours."**
>
> – Nimish Valia, Head of Center of Excellence, Strategic Technologies, RBL Bank

BENEFITS:

Watch the Video

Read the Case Study

SB Technology

COMPANY:

SB Technology Corporation is an ICT service provider belonging to the SoftBank Group. Since its establishment in 1990, it has grown steadily, and has in recent years been focusing on Microsoft Azure-based corporate IT cloud migration and business co-creation for the new normal.

CHALLENGE:

SB Technology's EC Services Division urgently needed to streamline database deployment, automate backup, and reduce restore times. Also, given the increase in remote work with more and more people working alone, the company was looking for a system that would enable personnel without advanced database skills to achieve the same results.

SOLUTION:

EC Services decided to migrate from legacy architecture to Nutanix Cloud Platform to simplify operation management and switch from the old WSFC database architecture to Microsoft SQL Server AlwaysOn Availability Groups (AG), which does not require shared storage.
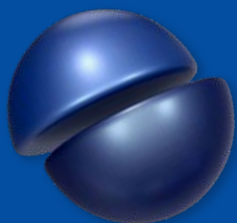
BENEFITS:
Read the Case Study

"**Nutanix Era enabled us to build new databases with one-click simplicity...one-click construction was a revolutionary change for us...It took us only two months from designing the new database system to carry out careful testing and complete construction of the product system, which is amazingly fast.**"

– Naoki Endo, Sr. Engineer, Data Management,
  SB Technology Corp.

These few customer snapshots highlight the multiple benefits derived from Nutanix Database solution. The benefits include minimized costs, risks and inefficiencies of database operations.

CDW is a leading multi-brand provider of information technology solutions to business, government, education and healthcare

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