MIRIA CUSTOMER SUCCESS · TRANSPORT

gvb

GVB (Netherlands) successfully migrate to Nutanix Files with Atempo Miria

“Atempo and Nutanix teams handled the whole project perfectly in under 3 weeks.”

“We are now fully functional on Nutanix Files and benefitting from the performance and cost reductions of their Enterprise scale out file storage solution.”

— HENK KLEINE, SYSTEMS ADMINISTRATOR AND DATA MIGRATION PROJECT MANAGER, GVB

THE COMPANY

GVB transports over a million travelers a day around the region of Amsterdam safely, comfortably and on schedule. The transporter has a rich history going back more than 120 years. With 5,000 staff, GVB is one of Amsterdam’s biggest employers.

STORAGE SERVER CONSOLIDATION

Two years ago, GVB decided to create a Hybrid Cloud, using Microsoft Azure and Nutanix Enterprise Cloud. GVB opts for a Cloud first strategy where applications will land in Azure unless this is not possible. GVB is using Nutanix Enterprise Cloud for their most critical workloads and for legacy applications which are unable to run in Azure. For their NAS/Files environment, GVB decided to use Nutanix Files. The Nutanix solution results in a huge simplification in management, more insights, a better security and better scalability/flexibility. Helping GVB to invest more time in projects and innovation instead of daily management.

To migrate the existing 100TB on application and user data from Windows File Servers to Nutanix Files, Nutanix advised to use Atempo Miria for a fast and seamless migration. We spoke to Henk Kleine, Systems Administrator with GVB and the data migration project manager to learn more about the move to Nutanix Files and to hear how the recent migration had gone.

> “Our migration of over 1200 Windows shares and 66 million files to Nutanix Files done smoothly and rapidly in 3 weeks with minimum impact to our users.”
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> — HENK KLEINE, SYSTEMS ADMINISTRATOR AND DATA MIGRATION PROJECT MANAGER, GVB

THE SOLUTION

With 20 Gbp/s of bandwidth between the source storage and the Nutanix Files target, a single Miria Data Mover was necessary. Successive migration synchronizations ran for batches of 100 shares at a time. Each synchronized data set was checked for file numbers, volumes and data integrity. Using Miria's very friendly user interfaces the sequential migration jobs were simple to schedule. Henk was quickly able to manage the process on his own and appreciated supervision from Atempo and Nutanix Professional Services teams who kept a close, socially distanced eye on progress.

The final cutover was possible after just two and a half weeks, well under the initial target. It was performed over a four-hour period on a weekend in early November. The production storage successfully switched to Nutanix Files with zero user impact. To migrate the existing 100TB on application and user data from Windows File Servers to Nutanix Files, Nutanix advised to use Atempo Miria for a fast and seamless migration.

IN SHORT

- **Step 1:** Migration from 1250 Windows File Servers shares (70 million files, 44 TB) in under three weeks while keeping source storage in use and adding new content daily
- **Step 2:** Cutover to a new Nutanix Files production storage environment in under 4 hours.

PARTNER

Nutanix Files is a simple, flexible and intelligent scale-out file storage service for the data driven era.

Miria Migration, a proven solution associated with the Nutanix Files storage environment allows businesses, in particular those that require a high level of performance, to securely and reliably migrate their data from their previous storage systems to Files, minimizing the impact on production and users.

THE RESULT

The non-negotiable project benchmarks were that it should be invisible to users and rapidly executed. GVB were keen to switch to Nutanix Files to benefit from its scalability and its rich security and analytics features. Without a professional migration solution, Henk is convinced that a manual migration or the use of free tools would not have met the same level of success. Atempo and Nutanix formed a winning partnership to bring the results GVB needed.

KEY FACTS

- The migration was managed both swiftly and without assistance
- Miria's very friendly user interfaces made the sequential migration jobs simple to schedule
- Zero impact on production and file availability

BUSINESS BENEFITS

Data migration to new platform fully secured	**Migration carried out autonomously**	**Fast data migration in less than 3 weeks**

WEBSITE
www.atempo.com