COHESITY

Carthago Modernises and Simplifies Data Backup and Recovery with Cohesity

carthago®
Das Reisemobil.

INDUSTRY
Vehicle Construction

USE CASE
Backup and Recovery

SOLUTION PARTNERS
Nutanix

CHANNEL PARTNER
Bechtle AG

Key Benefits

- Administrative costs reduced by 30 percent
- Data capacity reduced by half with Cohesity's global deduplication and compression capabilities
- Native integration with the cloud for long-term data retention
- Significant reduction in backup times

Carthago Reisemobilbau GmbH was founded in 1979 by Karl-Heinz Schuler. Today the owner-managed company employs around 1,400 people and is one of the leading premium manufacturers of modern motorhomes in Europe.

Over the past 10 years, Carthago has grown very rapidly, as caravanning has become increasingly popular for holidays, and Carthago's premium motorhomes meet the requirements of the market to the highest degree. The company recently established a new plant in Aulendorf in Upper Swabia, which is the most modern motorhome production facility in Europe.

Challenges

The company was struggling with its existing IT infrastructure and it was difficult to keep up with the rapid growth of the company. Data backups were only performed once a day. Markus Thiel, General Manager IT & Organisation at Carthago, was looking for a comprehensive solution for modernising and consolidating its IT infrastructure, including backup and recovery, to provide better support for business processes and more efficient processes for his team of 20 IT specialists.

As a manufacturer of high-quality vehicles, Carthago must keep complete parts lists with spare parts available in the online system for more than 15 years. In combination with the ERP and mail system, the volume of data to be backed up grows enormously.

Carthago had to meet the following requirements in particular:

- Stable, high-performance backup and recovery for hyperconverged infrastructure
- Easy management from a single console, allowing for mostly automated processes
- Long-term archiving in the cloud
- Fast creation of development and test systems

> "With Cohesity, we're well-poised to meet future demands. The solution is quick to implement, modular, scalable, and has significantly increased our efficiency. In addition, we can flexibly generate test DevOps environments from the backup system. In this way, existing systems can be further developed and optimised."
>
> **Patrick Hämmerle**, Project Manager, Carthago

Solution

In order to modernise the entire infrastructure, Carthago decided to replace servers, storage, and backup to virtual solutions in one step. For server virtualisation, Carthago used the hyperconverged infrastructure from Nutanix, and chose Cohesity for highly scalable backup and recovery. These innovative solutions were proposed after a market analysis by the IT consultant PLS AG. The long-standing IT service provider Bechtle AG was tasked to deploy the solution in cooperation with Cohesity.

Key reasons for choosing Cohesity were its ease of use, a unified management console, and the high speed of the solution. Cohesity will also be implemented to serve as a central, strategic data platform thanks to its numerous interfaces. Carthago was particularly impressed by the feature that Cohesity can automatically implement and comply with SLAs as determined by the IT team and set up in the solution.

In the past, the data volume for backups was between 50 and 60TB. Thanks to Cohesity's global compression and deduplication capabilities, it was reduced by half to approximately 30TB. In addition, the mobile home manufacturer is equipped for the future with a modern, flexible, and scalable backup and recovery solution. Cohesity will also enable long-term archiving in the cloud, efficient secondary data retention, and support for cloud-based applications such as Microsoft Office 365, email or unified communications systems.

Results

The new virtualised infrastructure based on Nutanix and Cohesity has reduced administration costs by 30 percent. Data backup is now significantly faster and at shorter intervals. This supports business processes and multi-shift operations, as current data can now be reliably restored at any time. In addition, failures or slow backup processes, which lead to high sales losses, are avoided.

Carthago also benefits from easier provision of new virtual machines that can be individually adapted. In addition, the company can create new test and development environments on Cohesity, directly from the backup of the production system in order to accelerate the corresponding processes and optimise DevOps processes. This process has also saved Carthago cost and efficiency across the board.

"Cohesity offers everything from a single source, is immediately ready for use and is very easy to operate. By automating routine tasks, we can focus more on strategic tasks," states Markus Thiel, General Manager IT & Organisation, Carthago.

Thanks to Cohesity, the company has significantly reduced backup times and administration effort and improved compliance. Carthago benefits from the combination of an innovative, modern backup solution with highly experienced service consultants from Cohesity.

Carthago has realised many benefits with Cohesity including:

- **Administrative costs reduced** by 30 percent
- **Data capacity reduced by half** with Cohesity's global deduplication and compression capabilities
- **Native integration** with the cloud for long-term data retention
- **Significant reduction** in backup times

Learn more at Cohesity.com

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