

PHONONET protects 29 million Files with NovaStor DataCenter

Summary

For PHONONET, the central IT and service provider for the music industry in German speaking countries and parts of Benelux, keeping multimedia content such as music files and cover images available is mission-critical. When numerous backup products failed to protect several critical servers, PHONONET asked storage specialist itiso to recommend a software program that was up to the task. itiso solved PHONONET's challenge by recommending NovaStor's enterprise backup software, NovaStor DataCenter.

Core Business: Data Availability

PHONONET was founded in 1991 as a 100% subsidiary of the Federation of the German music industry. The company serves as the central IT service provider for the music industry in Austria, Germany Switzerland and parts of Benelux.

PHONONET operates a heterogeneous IT infrastructure and accounts for the storage and allocation of all music files and CD-covers published in Germany on behalf of the production companies.

The success of PHONONET and the labels they represent depends on the availability of music tracks for distribution to retailers and radio stations.

Challenge: Data Load

In the past, PHONONET did not have a way to reliably automate the protection of their business critical data, as a 29 million file (10 TB) data load crashed several other backup software programs they tried.



PHONONET faced a dilemma: all of the potential solutions they considered were either too expensive, or repeatedly failed to back up their servers, even after new installations were performed.

So, they went to the storage specialists at system integrator itiso to identify a backup solution which would meet demands.

5 Reasons to Choose DataCenter

- Robust System for uninterrupted data protection
- High data throughput, high speed
- Unlimited scalability
- Support for heterogeneous IT-environments
- In use at renowned international enterprises

Customer Quote



"After installing NovaStor DataCenter, the software continues to convince us of its stability and performance every day."

Marc-Philip Jamborek, Technical Director with PHONONET

PHONONET's Requirements

- ✓ Fast backup and restore of a huge data load for full business continuity
- ✓ Unlimited scalability
- ✓ Robust, fault tolerant system for stable operation
- ✓ Flexible implementation of necessary backup strategies
- ✓ Support for heterogeneous IT-environments, e.g. Windows, Linux
- ✓ Automation and ease-of-use for low administration effort
- ✓ Calculable, low costs, in the long run

Three-step evaluation

As an independent IT consultant, itiso drew PHONONET's attention to NovaStor's enterprise backup software. The solution combined robust, high-performance technology with a simple, straight-forward licensing model that made it much more cost-effective than other comparable solutions.

PHONONET and NovaStor then worked together to evaluate NovaStor DataCenter as a potential solution according to NovaStor's proven **Three-step-concept**:

1. Hold an introductory workshop with customer, manufacturer and system integrator
2. Perform an on-site test installation
3. Test the solution in a live operation

Bottleneck eliminated

NovaStor DataCenter successfully enabled the stable protection of a critical Windows server, two critical Linux servers and a network holding several terabytes of data.

The main reason NovaStor DataCenter succeeded was due to its distributed meta data architecture. In contrast to many other enterprise backup software products, NovaStor DataCenter does not store meta data in a central database, as this limits the backup data load as well as the scalability of the solution.

Secure planning – secure future

NovaStor DataCenter has not only solved PHONONET's present demand for data availability, but has also equipped them to cope with increasing data load, as well as the addition of new operating systems and storage devices in the future.

NovaStor's per-server licensing model is all inclusive and non-modular, enabling PHONONET to make reliable plans for the future – both technologically and financially.

Business Benefits:

- Full availability for business-critical data
- Simple price-per-server-model
- Long-term cost prediction
- Future-proof backup software: independent from manufacturers and scalable without limit
- Low effort required for training, support and administration

"To us, data protection is a business-critical IT-process. At the same time, we neither can nor want to present our customers with over-dimensioned budgets for data availability. NovaStor DataCenter solves both challenges – technologically and economically."

Marc-Philip Jamborek, Technical Director with PHONONET

At a glance

PHONONET is the central IT and service provider for the music industry in German speaking countries and parts of Benelux. Key services include Order Clearing, Catalogue data, the Music Promotion Network as well as the biggest German music search engine, www.musicline.de. PHONONET's network currently contains several terabytes of data.

Operating systems:	Windows, Linux Debian and Ubuntu
Backup data load:	30 TB
File formats:	JPEG, MP3, REAL, TXT, WAV, WMA
Backup software:	NovaBACKUP DataCenter
Backup hardware:	2 backup servers each with HP MSL 60/30 Libraries, each with 2 LTO3 drives
System integration:	itiso [www.itiso.de]



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