



AVE CZ odpadové hospodářství s.r.o. reduces unstructured image data volume on EMC² Celerra NAS by 65%

“We achieved great results. After optimizing half of the data residing on our EMC NAS, which were several million files, we registered a global 65% space reduction and can now use our EMC storage more efficiently.”

František Sedlacký
IT Specialist
AVE CZ odpadové hospodářství
s.r.o

AVE CZ odpadové hospodářství s.r.o. is part of the AVE Energie AG Oberösterreich Umwelt, which operates in eight European countries. On the Czech market, AVE CZ operates in the area of waste management for approximately 1.2 million inhabitants of the Czech Republic with approximately 1,300 employees. The company now reduces unstructured image data volume by 65% on its EMC² Celerra NAS storage thanks to balesio's Native Format Optimization (NFO) solution FILEminimizer Server and also accelerates its EMC² Avamar backup process as less primary image data is backed up 65% faster.

CUSTOMER PROFILE

The AVE group operates in the Czech Republic via its subsidiary AVE CZ odpadové hospodářství s.r.o. in Praha and employs 1,300 people. They rely on an EMC² Celerra NAS with several TB and on an EMC² Avamar solution for the backup.

THE CHALLENGE: UNSTRUCTURED, FAST-GROWING MS OFFICE DATA VOLUME

With 1,300 employees in the Czech Republic alone, AVE CZ faces strong data growth of images, MS Office and PDF files on the company's EMC² Celerra NAS storage. Over the years, this high data growth resulted in a large portion of the NAS system to be consumed by image files, but also MS Office and PDF documents which also puts a heavy strain on the communication bandwidth, network traffic and backup system as these files are very “active” and frequently accessed and stored on the NAS.

THE SOLUTION: FILEMINIMIZER SERVER

AVE CZ chose to tackle the problem at the source and on the primary EMC² NAS storage itself with FILEminimizer Server. It installed the software on a Windows Server 2008 R2 which is connected to the firm's EMC² Celerra NAS. The software's ability to reduce the size of unstructured files visually

lossless and without changing the original file format put the IT department around IT Specialist František Sedlacký finally in a position to effectively reduce the high unstructured data volume and fight data growth on primary NAS storage.

BUSINESS BENEFITS

Shortly after the deployment of the solution, the firm reduced significantly its primary storage requirements with particular impressive results for image data. The company saw on average an image data reduction of 65% freeing up several hundred Gigabytes of storage space on the EMC² NAS. Consequently, AVE CZ could so far gain back a large share of previously occupied primary storage. Furthermore, backup times could of course be reduced by 65% as well. These benefits and the flattened unstructured data growth led to storage utilization rates being increased generally by 65% making the EMC² NAS working much harder and better for AVE CZ. For František Sedlacký, the value of balesio's NFO solution is crystal-clear: *“We achieved great results. After optimizing half of the data residing on our EMC NAS, which were several million files, we registered a global 65% space reduction and can now use our EMC² storage more efficiently.”*

Key Highlights

ORGANISATION:

AVE CZ odpadové hospodářství s.r.o., Czech Republic

STORAGE ENVIRONMENT:

EMC² Celerra NAS, accessed via Windows Server 2008 R2

INDUSTRY:

Waste Management

CHALLENGES:

- Exploding data volume of unstructured MS Office files
- Increased backups and increasing backup windows
- Strains on network and bandwidth

SOLUTION:

balesio FILEminimizer Server

ACHIEVED RESULTS:

- 65% unstructured image data reduction
- Reclaimed several hundred GB storage space on EMC NAS
- Reduced backup times by 65%
- Increased EMC NAS storage utilization by 65%