



Reduction of backup times and storage costs through native format optimization (NFO) for Germany's Federal Armed Forces

The Bundeswehr Military Police and Headquarters Service School in Lower Saxony, is responsible for training and further education of Germany's Military Police and HQ Staff. The school deployed balesio's client-based FILEminimizer solution to successfully reduce its file and backup storage which consisted largely of training material in form of PowerPoint presentations, Word documents and other unstructured file content.

CUSTOMER PROFILE

The Bundeswehr Military Police and Headquarters Service School has two training divisions. Training Division A is the center of Military Police training whereas Training Division B is responsible for training soldiers in administrative tasks and use of data processing applications. For these purposes, they provide modern classrooms with the latest state-of-the-art information technology.

CUSTOMER CHALLENGE: INCREASED DATA GROWTH AND EMAIL DATA GROWTH

The school deals with training and education and creates, in this context, a lot of PowerPoint presentations, Word documents, etc. for training purposes. This led to increased file storage requirements of the school. In addition to the heavy usage of file storage and file server architectures, the sending of large attachments via email put a strain on email server and the whole network. The snowball effect of large attachments being sent and forwarded to many students externally and to other Army locations aggravated the problem and contributed to rising costs for maintaining and managing the complex email network.

THE SOLUTION: CLIENT-BASED FILEMINIMIZER LICENSING

After thorough evaluation and testing of several options the school decided to deploy a client-based license of balesio's FILEminimizer with its integration into the school's email system for automatic compression of attachment traffic.

BUSINESS BENEFITS

The German Army is very satisfied with the realized savings. During the optimization of the file servers on the first two networks of the Training Center, 192.42GB of Office files have been optimized. FILEminimizer compressed them down to only 23.47GB, which equals an average file size reduction of 88%. Even more positive have been the effects on network traffic and email communication. Email traffic, which included attachments, was reduced by a monthly average of 10.54%.

Consequently, the time for backups of the network data could be reduced by 2hrs 42mins for the first network and 2hrs 19mins for the second network. This means that FILEminimizer contributed also to an accumulated reduction of 5hrs for the backup of network data. II.

Key Highlights

ORGANISATION:

Training Department of the German Army

INDUSTRY:

Military

CHALLENGES:

- Heavy strain email server and network
- Increasing file storage requirements for unstructured data
- Increasing backup windows

SOLUTION:

Client-based FILEminimizer licenses

ACHIEVED RESULTS:

- 88% storage space regained back
- 11% traffic reduction for email circulation
- Cumulated 5 hours less time required for backups