

# Success Story: Network-attached Storage

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## The Customer

One of the pioneers of the Linux-based data storage appliance market in the USA, working in the field of data storage systems ranging from SOHO to enterprise markets, providing software solutions for use by original equipment manufacturers (OEMs).

## The Challenge

The idea was to improve the existing network-attached storage (NAS) software which should be simple to use, yet flexible and powerful enough. It was also to allow storage and user management, while providing multiple options for file and printer sharing over the network. The solution was to support different hardware platforms.

## The Solution

The developed solution enabled custom Linux distributions implementation and supported file and printer sharing between the NAS and Windows, Linux/UNIX, and Macintosh clients. The team was focused on compatibility, speed and memory usage optimization and introduced a number of improvements based on the feedback from OEMs and their end-users.

## Highlights

- Java-based management layer with easy-to-use multilingual web interface allowing to configure and monitor every aspect of the system—user accounts, data sharing preferences, and storage structure
- Flexible storage management, support for RAID software
- Support for Windows, Linux/UNIX, and Macintosh clients; file and printer sharing
- Support for NAS software upgrades
- Support for multiple hardware platforms (e.g. XScale, x86, and x86\_64)

## The Results

The enhanced solution allowed the customer to strengthen one's position in the segment of multi-platform NAS software solutions.

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