

# Success Story: iCSCI Target

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## The Customer

A US-based flash data storage products provider was looking for software to run on a high-performance storage server.

## The Challenge

Customer needed an iSCSI target implementation to achieve maximum performance on their hardware platform as well as to provide a flexible storage management solution.

## The Solution

The solution built as a custom Linux distribution was optimized to run on the customer's hardware and achieve maximum performance. The EPAM team also implemented specific storage management modules and device drivers for non-standard hardware components.

## Highlights

- Java-based management layer and web interface for easy storage setup and monitoring
- Network trunking support to utilize several network cards at once and provide maximum iSCSI performance
- Network failover support for maximum reliability
- Flexible iSCSI access policies and LUN mapping functionality
- SLP discovery as well as iSNS support allow easy integration into existing enterprise iSCSI infrastructure

## The Results

The performance of the new software on the target hardware beat the customer's throughput expectations by 18%.

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