



NetApp®
Go further, faster

Spotlight on Success

Optimization Achieves Integrated Data Protection with Lynx, VMware, and NetApp



IN THE SPOTLIGHT

Customer

- Optimization Technology, Inc.
- Rochester, NY
- www.optimization.us
- Industry: Engineering Services



NetApp Partner

- Lynx Technologies
- www.lynxtechnologies.net



“The extensive expertise that Lynx Technologies provides combined with the wide range of capabilities NetApp delivers at an affordable cost enabled us to achieve the comprehensive, integrated data protection our business demands.”

Keith Stadtmiller

IT Manager
Optimization Technology, Inc.

CUSTOMER PROFILE

Optimization Technology, Inc. is a global design, engineering, and fabrication firm headquartered in Rochester, NY that provides industrial and manufacturing applications from concept to completion. The company serves clients across a wide spectrum of industries, including chemical, life sciences, oil & gas, glass and utilities.

CUSTOMER CHALLENGES

- Replace a tape-based backup infrastructure and establish robust disaster recovery (DR) to increase data protection and ensure business continuity.
- Reduce complexity and streamline IT administration to create a flexible and efficient foundation for future growth.

SOLUTION

- Engage Lynx Technologies to create a consolidated, shared IT infrastructure with VMware® and NetApp® technologies.
- Use VMware to virtualize servers and Microsoft® applications.
- Unify storage on NetApp for easier management and efficient growth.
- Centralize and accelerate remote site backup with NetApp SnapMirror® and Open Systems SnapVault® technology.

BENEFITS

- Consolidated 16 physical servers to 8.
- Improved storage utilization 75% by thin provisioning file shares.

- Gained up to 70% storage space savings with NetApp deduplication.
- Accelerated local server backup 6x and reduced backup of data for 6 remote sites from up to 40 hours to 30 minutes.
- Achieved more complete backups—expanded from most critical to all data.
- Reduced recovery from hours to minutes.
- Delivered DR with continuous replication for unyielding business continuity.
- Reduced tape-based backup to archival use only, slashing admin time from 12 hours per week to 1- to 2- hours per week and saving over 500 man hours per year.
- Achieved significant ROI with improved staff productivity and reduced ongoing hardware and media costs.

NETAPP PRODUCTS AND SERVICES

- NetApp FAS2020A and FAS2020
- NetApp SnapManager® for SQL Server, Exchange, and Virtual Infrastructure
- NetAppSingle Mailbox Recovery, SnapMirror, SnapDrive, Operations Manager™, and deduplication
- NetApp Open Systems SnapVault

ENVIRONMENT

- Applications: VMware vSphere 4.1, VMware ESXi, Microsoft Exchange®, Microsoft SharePoint®
- Databases: Microsoft SQL Server, Customer Specific Database for CRM,
- OS: Microsoft Windows® 2003 and 2008
- Protocols: CIFS, NFS, iSCSI