



Spotlight on Success

Copiague Schools Achieves High Availability with Connected Technology and NetApp

IN THE SPOTLIGHT

Customer

- Copiague Public School District
- Copiague, NY
- www.copiague.k12.ny.us
- Industry: Education



NetApp Partner

- Connected Technology
- www.connectedtechnology.com



"The Citrix and NetApp solution suggested by Connected Technology is elegant in terms of methodology and hardware, and the team was outstanding. I'd highly recommend this solution and Connected Technology."

Todd Harris
Director of Technology
Copiague Public School District

CUSTOMER PROFILE

The Copiague Public School District is composed of a multicultural population of approximately 4,560 students in kindergarten through 12th grade. The school system consists of three elementary schools, one middle school for grades 6 through 8, and one high school for grades 9 through 12.

Copiague Public School District prides itself on its ability to offer quality educational programs. In addition, the district's consistent dedication to the improvement of all educational programs has deemed Copiague a constant recipient of Moody's highest rating for fiscal responsibility.

CUSTOMER CHALLENGES

- Improve availability in mission-critical Microsoft® Exchange e-mail environment.
- Increase storage capacity and improve data protection while reducing costs.
- Establish a process for archiving e-mail to comply with regulatory Federal Rules for Compliance Procedure.

SOLUTION

- Engage Connected Technology to implement a unified virtual server and storage environment.
- Use Citrix XenServer® to virtualize the Exchange e-mail server environment.
- Consolidate storage on NetApp to increase scalability, improve availability, and simplify backup.

BENEFITS

- Increased reliability of Microsoft Exchange environment by enabling automatic server and storage failover in the event of a failure
- Established e-mail archiving essential for compliance and potential litigation support
- Doubled district-wide storage capacity, eliminating user space limitations and providing scalability for future needs
- Simplified storage management and eliminated need to monitor space usage, allowing staff to focus on other tasks
- Reduced backup from 12 hours to <1 hour and recovery from 24–48 hours to 30 minutes with NetApp Snapshot™ and NetApp SnapManager® for Exchange
- Created the foundation for disaster recovery using NetApp SnapMirror® for replication to a remote DR site

NETAPP PRODUCTS AND SERVICES

- NetApp FAS2020 storage system
- NetApp SnapManager for Exchange
- NetApp Snapshot
- NetApp SnapRestore®
- NetApp SnapDrive®
- NetApp SnapMirror

ENVIRONMENT

- Applications: Microsoft Exchange, Citrix XenServer
- Operating System: Microsoft Windows® Server 2003
- Protocols: iSCSI, CIFS

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