



## Spotlight on Success

# Albemarle Health Delivers Topnotch Services, Manages Rapid Growth with NetApp



Another NetApp solution delivered by:



### IN THE SPOTLIGHT

#### Customer

- Albemarle Health
- Elizabeth City, North Carolina
- [www.albemarlehealth.org](http://www.albemarlehealth.org)
- Industry: Healthcare

#### NetApp Partner

- ePlus<sup>®</sup> inc.
- [www.eplus.com](http://www.eplus.com)

“Our decision to invest in NetApp through ePlus was based on economics. As a mid-size regional medical center with budget constraints, we needed a scalable, easy to support solution that could deliver high availability for our mission-critical Meditech and Allscripts EMR systems, as well as our Medicity HIE. At the same time, it had to provide us with the ability to meet a stringent recovery time objective (RTO).”

**Stephen W. Clark, FACHE**  
Chief Information Officer  
Albemarle Health

#### Products and Services

- NetApp<sup>®</sup> FAS3040HA, FAS2040, and V3020 storage systems
- Cisco MDS and Nexus/UCS
- ePlus Professional Services

#### Customer Profile

Albemarle Health, a University Health System Affiliate, is northeastern North Carolina's largest healthcare provider, serving a seven-county region of more than 130,000 year round residents. The hospital's service area includes Camden, Chowan, Currituck, Dare, Gates, Pasquotank, and Perquimans counties.

#### Customer Challenges

- Address increasing storage demand stemming from service expansion and extreme growth over the past three years. In 2008, the hospital's storage area network (SAN) included approximately 15TB of primary storage—today it is well over 75TB.
- Upgrade storage to meet additional demands and to backup and protect a growing pool of data.
- Replace HP EVA storage supporting the Meditech environment to overcome performance and capacity limitations that had led the hospital to purchase a second storage system to house its PACS, virtualization, email, Microsoft<sup>®</sup> SQL Server<sup>®</sup>, and other clinical applications.

#### Solution

- Engage ePlus to design a storage infrastructure upgrade and work with NetApp to implement NetApp FAS3040HA and V3020 systems for

primary storage, as well as two NetApp FAS2040 systems for archival storage.

- Replicate data from the main data center to another server room on campus, with future intent to move off campus.

#### Benefits

- Enhanced storage to handle the increasing demands of hospital systems, archival and compliance, eDiscovery, and disaster recovery.
- Improved system reliability.
- Achieved cost savings, improved support, and simplified maintenance.

#### Environment

- Applications: Meditech Client/Server 5.6.4, MedHost, Medicity HIE, Nuance, Merge PACS, Summit Healthcare Interface Engine, Microsoft Exchange, SQL (clusters), IP Cameras for Surveillance, CommVault, AllScripts Professional, Cerner Copath, GE Centricity Perinatal, Pyxis, Picis, TSG Galactica (document imaging), Pandora (approximately 200 applications are in house at Albemarle)
- Databases: SQL Server, Exchange, DB2, Sybase
- Operating System: Microsoft Windows<sup>®</sup> Server 2003/ 2008
- Protocols: NFS, CIFS, FC, iSCSI

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