

Henry County Hospital



Named one of the nation's top 100 hospitals, Henry County Hospital (www.henrycountyhospital.org) serves its Ohio community with recognized excellence in quality of care, efficiency of operations, and sustainability of overall performance. Its vision to partner with the community to promote health in body, mind, and spirit embraces innovative, personalized services and a family focus with a warm, friendly atmosphere.



"We use Dairyland Healthcare Solutions to run all hospital operations. When we migrated our database to the Pillar Axiom, Dairyland said it was the easiest migration it had ever seen. We were down for a fraction of the time we estimated it would take to move the data."

Nick Badenhop, Manager, Information Systems, Henry County Hospital

Challenge

Central to Henry County Hospital technology services is a state-of-the-art Dairyland Healthcare Solution, which supports patient and financial management, clinical and health information management, and physician practice. The Dairyland system and other application servers each had direct-attached storage (DAS) in a centrally located data center.

Cost control is important to this non-profit community hospital. The two-man IT team needs systems that are easy to manage, reliable, and cost effective. Its DAS storage had different rates of utilization: the Dairyland system was filling fast, while other application storage was little used. The DAS backup-to-tape system took all night to back up servers.

The IT staff planned to add a Microsoft Exchange server and a digital PACS system. Growing the existing storage infrastructure to support these new applications would be cost-prohibitive and inefficient. It needed a centralized, easy-to-manage storage platform with enterprise-class availability, cost-effective scalability, and flexibility to optimize performance for each of its application sets.

Solution

Henry County Hospital chose to consolidate all of its DAS storage onto the Pillar Axiom™ storage system. Comparable solutions from other vendors were too complicated to manage, lacked flexibility to support different types of applications, and too expensive to operate and scale. A single NAS system uses Pillar AxiomONE™ Dynamic Performance technology to deliver high performance to the Dairyland and Exchange applications, and archive performance for a disk-to-disk backup solution. The existing tape backup system now provides secondary backup and offsite data storage.

Why Pillar?

- **Easy management** – with an intuitive interface, automated provisioning, and AxiomONE Guided Maintenance
- **High availability** – with locally controlled RAID-5, automatic failover, and a completely redundant architecture
- **Expandability** – the modular architecture grows with demand, increasing capacity with Bricks and performance with Slammers
- **Storage consolidation** – Dynamic Performance technology enables multi-tenancy without compromising performance
- **Cost effective** – with low operational expense and the ability to add Bricks without additional software licensing fees

Results

The Axiom is the only storage system at the Hospital, delivering all the reliability, performance, and ease-of-use it needs. The system was set up and running in a day. The disk-to-disk backup solution reduced backup windows by half over DAS tape, and now takes place during the day. The AxiomONE Guided Maintenance feature and automated filesystem provisioning were easy to learn. Remote-management capabilities make it easier to handle trouble calls during off hours.

The staff is confident that the Axiom provides the infrastructure foundation it needs to support the PACS system it plans to install during 2007. The staff is evaluating Pillar WORM technology to attain regulatory compliance for long-term image and patient record storage. The Axiom will also be part to a secondary data center planned for deployment in 2006 to enable rapid disaster recovery.

For More Information:

Visit www.pillardata.com or call 1.877.252.3706.

