



CASE STUDY

Inova Health System



"Prior to moving to our new Data Center and new hardware, our payroll process was taking 5 1/2 hours. Following the move our processing time was reduced to 3 hours. Needless to say, we are extremely pleased with our system performance."

Nancy Martin
Sr. Payroll Analyst
Inova Health System

Organizational Profile Inova Health System Fairfax, Virginia

Inova Health System is a not-for-profit health care system based in Northern Virginia that consists of hospitals and other health services, including emergency and urgent care centers, home care, nursing homes, mental health and blood donor services, and wellness classes.

Solution Profile

Applications Implemented:

- Lawson HR/PR, GL, AP, MM
- Siemens Radiology utilizing Sybase
- USA Scheduling
- Kronos Time and Attendance
- Eko Frontiers
- Peregrine Service Center
- Veritas Netbackup

Environment:

- IBM System p, Model 590
- Dual IBM System p, Model 595's
- 10 LPARS each
- AIX Operating System
- Oracle Database

www.inova.org

SUMMARY: IBM Servers from CIBER Provide High Availability and Improve IT Efficiency

Inova Health System began in 1956 in response to northern Virginia's growing need for convenient, accessible health care. As the not-for-profit grew, so did their needs for IT capability. Inova required an infrastructure that supported their complex healthcare systems, but would allow for their continuous growth. Based on CIBER's reputation, successful hardware installations, and overall understanding of the healthcare industry, Inova chose CIBER as their system provider. The result included a service offering that allowed Inova to simplify their data center operations, while enabling their IT infrastructure to operate more efficiently.

CHALLENGE: Servers Not Providing the IT Infrastructure Efficiency Needed

Inova Health System, a regional medical organization with over 1,700 hospital beds and 377 nursing home beds across 42 facilities, had multiple servers operating independently across the corporation. Inova needed to share data and control expenses. It became clear that it was necessary to consolidate the servers to provide for more efficient IT operations. Inova Health System turned to CIBER for a solution. CIBER recommended a pair of IBM System p Model 595's, that would work in conjunction with their existing Model 590, to provide a consolidated platform and create a basis for their goal of high availability.

SOLUTION: Better Servers, Better Systems

Inova Health System made the decision to move forward with CIBER's recommendation, the acquisition of two new IBM System p Model 595's. The IBM System p5 595 server uses fifth-generation 64-bit IBM POWER5 technology in up to 64-core symmetric multiprocessing (SMP) configurations with IBM Advanced POWER Virtualization. This functionality offers the performance, flexibility, scalability, manageability and security features needed for the consolidation of mission-critical

AIX 5L and Linux applications on a single system to save on hardware, software, energy and space costs.

The p590 was purchased and installed at Inova's Pickett Road data center to provide a platform for consolidating all of Inova's AIX based applications onto one frame that is more stable, highly-redundant, and better performing. It also gave them more flexibility to move resources around as needed to accommodate workload. Inova then purchased the two p595s for their new Nokes data center to create the environment they would use to accomplish high availability. Inova has achieved remote business continuity (remote recovery) for Lawson and radiology by using SRDF data replication from Nokes to Pickett.

CIBER's service offering included sizing of the Model p590 and p595 servers to meet Inova's budget, configuration and installation planning, and preparation of a process for the consolidation of Inova's IBM AIX servers at Pickett. Additionally, CIBER's Technology Solutions practice assisted with the consolidation and designed the process Inova used to flawlessly migrate their applications from the p590 at the Pickett data center to the two p595 frames at Nokes.

CIBER also helped Inova establish the logical partitions for their consolidation at Pickett, and transferred this knowledge to Inova engineers to allow the client to manage the LPAR's on the p595s at Nokes on their own. CIBER supported Inova at Nokes by setting up the HMC connectivity and designing the migration plan which Inova used to move, without incident, the applications to the p595s at Nokes.

BENEFITS: IBM Servers from CIBER Improve Business Processes

By implementing the new System p servers, Inova Health System has achieved simplified data center operations and servers that are far more capable of handling the advanced functions offered by the software utilized in Inova facilities. Inova has achieved increased performance while implementing a high availability environment required by today's hospital data centers.

In addition, the knowledge brought forward by CIBER's technology consultants provided Inova with key information

necessary for a smooth transition of applications in a virtualized environment.

Learn More

To learn more about CIBER, please call us at 800-242-3799 or visit www.ciber.com

For more information about the innovative healthcare services and programs offered by Inova Health System, please visit www.inova.org

About CIBER, Inc.

CIBER, Inc. (NYSE: CBR) is a pure-play international system integration consultancy with superior value-priced services for both private and government sector clients. CIBER's global delivery services are offered on a project or strategic staffing basis, in both custom and enterprise resource planning (ERP) package environments, and across all technology platforms, operating systems and infrastructures.

Founded in 1974 and headquartered in Greenwood Village, Colo., the company now serves client businesses from over 60 U.S. offices, 20 European offices and four offices in Asia. Operating in 18 countries, with 8,000 employees and annual revenue of approximately \$1 billion, CIBER and its IT specialists continuously build and upgrade clients' systems to "competitive advantage status." CIBER is included in the Russell 2000 Index and the S&P Small Cap 600 Index.

The logo for CIBER, Inc. features the word "ciber" in a lowercase, bold, sans-serif font. The letters "c", "i", and "e" are in a dark blue color, while the letters "b", "r", and the final "e" are in a lighter blue color. A registered trademark symbol (®) is positioned to the upper right of the final "e".

5251 DTC Parkway Suite 1400
Greenwood Village, CO 80111
800.242.3799

© 2008 CIBER, Inc. All Rights Reserved.