



Yuma Regional Medical Center : Success Story

Migrating from Novell NetWare and GroupWise to Microsoft Windows 2003 and Exchange 2000



YUMA REGIONAL MEDICAL CENTER

Caring for the growing needs of our communities

Client Profile

Yuma Regional Medical Center (YRMC) is truly a case of state-of-the-art technology coupled with a compassionate, caring environment. Their 328-bed, JCAHO accredited acute care facility provides medical resources for the warm and friendly community of YUMA, as well as the surrounding communities. YRMC offers modern facilities featuring comfortable, private single-rooms. With over 4500 surgeries every year, YRMC continues to cultivate their expertise in medical care.

YRMC's IT network was comprised of purely Novell software, consisting of NetWare 5.0/5.1 and GroupWise 5.5. With over 1300 users on their network, YRMC began entertaining thoughts of evolving their network to become more user-friendly and efficient. They knew that having a unified platform within their computer environment was the key to efficiency. As YRMC's needs heightened, due to the legacy Novell systems that were no longer supported, YRMC searched for IT consulting firms who would be able to give them the guidance needed to make a decision about their network that met their long-term goals.

Key Business Challenge

YRMC's primary objective was to increase the overall efficiency of their organization by updating their network to a unified platform. Their goal was to find a solution that aligned with their long-term organizational goals. Within this solution they wanted a network that was easily supported by technical resources.

Key Technical Challenge

The initial design and implementation of the pre-existing solution within YRMC's environment was outdated and not up to industry standards. This created an unstable infrastructure to begin any migration or updates to their network. Because of this instability, it was crucial for BVA to thoroughly plan and design a solution for the success of this project.

TAILORED TECHNOLOGY SOLUTIONS

Phone: 602.307.1800 . FAX: 602.307.1899 . Toll Free : 1.800.660.1903 . Emergency : 1.800.660.9178 . info@bvainc.com . bvainc.com



Yuma Regional Medical Center : Success Story

Solution

After in-depth discussion with YRMC's board, technical team, and internal end users, BVA developed a solution that matched their business and technical objectives. This solutions consisted of migrating their existing Novell network to a pure Microsoft environment.

The solution entailed migrating YRMC's NetWare to Windows Server 2003 and GroupWise to Exchange Server 2003. BVA implemented and utilized Microsoft's SMS Server for their desktop management solutions, ISA Server for their firewall and fully deployed Active Directory.

The desktop deployment was maximized by utilizing SMS Server. Initially, SMS inventoried their entire network. BVA worked with YRMC's team to understand standard operating procedures at YRMC. This allowed BVA to assess what applications should be standardized based on the "types" or "groups" of users. By utilizing the information collected on the groups, the customized package (3) were formulated and standardized images were created to maximize the functionality within SMS. These images were uploaded and the images were pushed out using the SMS server for 1300 end users.

Throughout the entire migration and deployment at YRMC, 1 Terrabyte of data and 150 Gigs of mail was migrated to their new network. As a result of thorough planning and design phases, mapping directly to their need for efficiency and simplicity, BVA was able to execute a solution that allows YRMC to deploy a unified directory platform that eases administration. BVA provided "knowledge transfer" for YRMC's internal IT staff, allowing them to understand their current network with the knowledge to easily administrate once the project was complete. BVA partnered with New Horizons to train over 1300 end users on the functionality of Outlook, maximizing the transition and efficiency within YRMC. The IT staff was also trained on network administration so they could easily support their new system.

Conclusion

YRMC is ecstatic with their new network. The solution allows them to run 640 GIGs of data through their system, daily, without experiencing any inefficiencies. This solution also aligns with YRMC's goal for 6 years, so the cost of the implementation could easily be justified by their organization. The tie-in of the entire community to AD and SMS Server allowed YRMC to finally have centralized administration. This was a critical factor in decreasing support costs and increasing the efficiency of their network. Finally, with automated desktop upgrades, YRMC's IT processes are streamlined.

TAILORED TECHNOLOGY SOLUTIONS

Phone: 602.307.1800 . FAX: 602.307.1899 . Toll Free : 1.800.660.1903 . Emergency : 1.800.660.9178 . info@bvainc.com . bvainc.com