PROSYS

CASE STUDY

Solution Summary

- EMC VMAX array provides the capacity and performance to meet current demands and enable further server virtualization
- Brocade SAN backbone/director blades relieve contention within the SAN fabric
- EMC RecoverPoint meets the customer's strict requirements for disaster recovery
- Hardware upgrade enables significant cost savings by eliminating maintenance fees
- ProSys demonstrates the value of the solution to the customer, and provides expert design, implementation, migration and project management services to meet the customer's critical migration schedule.

EMC²

Storage and Disaster Recovery Refresh: Healthcare

An international organization with 22 children's hospitals and burn centers throughout North America asked ProSys to assist with a complete storage and disaster recovery refresh. The customer wished to consolidate data from various locations into the central data center but was out of storage capacity. In addition, the customer's existing 4GB SAN fabric was inadequate to support growing data volumes, and maintenance costs on the aging equipment were skyrocketing.

The customer had older EMC arrays along with a myriad of other hardware technologies. The ProSys team took a consultative approach, demonstrating how an upgrade to current EMC technology would not only relieve bottlenecks and reduce risk but offer a lower total cost of ownership than the older equipment.

SOLUTION

ProSys deployed an EMC VMAX array and upgraded the SAN fabric to the latest Brocade SAN backbone/director blades. In addition, ProSys designed and implemented a disaster recovery solution utilizing EMC RecoverPoint for data replication. RecoverPoint met the customer's requirement for continuous data protection and the ability to restore applications instantly to a specific point in time.

The ProSys team brought expertise in EMC as well as Open Systems and legacy technologies. Over a period of three months, the implementation team migrated the customer's existing environment — including servers running Windows, Linux and HP-UX operating systems — to the new storage platform, and migrated data from the old array to the new. Timing was critical. ProSys project managers worked closely with the customer's in-house team to develop the three-month rollout schedule.

RESULTS

The solution enabled the customer to eliminate costly maintenance fees while gaining the performance, capacity and data protection of an up-to-date storage infrastructure. By upgrading to a new storage array, the customer can virtualize more servers and put more VM data on the SAN. The disaster recovery solution met the customer's strict guidelines and recovery point objectives.