

CUSTOMER SUCCESS: DATA CENTER DESIGN, MIGRATION & RELOCATION



CSL Behring

CSL Behring is a global leader in the plasma protein biotherapeutics industry. In 2007 the company's corporate office, located in King of Prussia, PA, was in need of a turnkey solution for the design and implementation of a state-of-the-art data center. Melillo Consulting engaged with CSL Behring to meet the complex business and technology needs of the business.

Challenge

The server migration and relocation was planned for mission-critical applications and required strict adherence to a tight timeline in order to meet planned application outages. The challenge was to collaborate effectively with all partners to ensure that CSL Behring's Donor Management System was relocated and available for Application Testing and Validation within 12 hours.

Solution

In 2007, Melillo worked with the CSL Behring team to provide consulting services to assist in a new data center design, infrastructure build-out and implementation, and network and server migration. Specifically, the following solutions were implemented:

- Design of the new data center configuration and layout involving working with the customer's general contractor and cabling contractor on the details to provide a state-of-the-art data center.
- Identification of and adherence to new data center environmental standards including power, physical racks, cable management, cooling, etc...
- Design, assistance, and implementation of both copper and fiber cabling.
- Reorganization of equipment within racks to facilitate an efficient move, adherence to all standards, and cohesive physical location of likeservers.
- Design, implementation, and migration to a new Network Infrastructure including MPLS, Access Layer switches, and Call Manager systems.
- Design, implementation, and migration to a new SAN Infrastructure.
- De-installation, transportation, reinstallation, and migration of all storage (2 XP512s), (7) SAN Switches, (40) HP-UX servers, (65) Intel servers, and a tape library with no unexpected or unplanned user downtime.

*...The entire Melillo team worked tirelessly with our team and our partners to help us achieve our goal of providing a **state-of-the-art data center, within our budget and timeframes.** Their documentation was not only critical for project success but provides us with the documentation of our existing data center that we can maintain into the future...*

Behrad Talebzadeh
Director of Information
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CSL Behring

Results

The team accomplished final server migration and relocation in only nine hours and there were no reported issues. The detailed planning and coordination resulted in a successful migration with no unplanned downtime.