



PROJECT PORTFOLIO

Data Center Migration



Introduction

Nephin and its team have worked in a wide variety of industries, both nationally and internationally. This work ranges from designing large, cutting-edge facilities for large technology companies to developing a detailed DR Technology strategy for one of America's largest financial services companies; from strategizing and managing the complete technology overhaul and global expansion of consulting and advisory firms, to developing energy solutions for a European government agency.

Below you'll find out how we helped clients with our Design, Consulting & Management services.

Note: Due to contract clauses, some clients prefer not to have their company name published by third parties. Project details may also be limited to protect client interests in relation to site locations, technology choices, architecture specifics, etc. If you would like to learn more about the project examples and how we can help, please [contact us](#).



DR Data Center Migration

Industry/Position: Financial Services; \$250B+ AUM

Services leveraged: IT Consulting, Management

Company profile: This client is one of America's top Financial Services companies, headquartered in Boston, MA. Its strong business reputation is supported by a robust IT Infrastructure and DR/BC plan.

Challenge: With over 700 documented applications and services, and a workforce spread across the US, Europe and Asia, the project required intense attention to detail and planning foresight to ensure that customers were not negatively affected.

Solution: Nephin provided expertise and assistance in the following areas:

- Application review, migration planning
- Strategy assessment, development and documentation
- Infrastructure architecture review, development and documentation
- CMDB attribute analysis and updates
- IT and business team coordination
- Vendor scope development and management
- Data center construction management
- Project planning and management of migration

One of Nephin's senior consulting resources was responsible for the Strategy & Architecture Development, Application & Logistics Planning, and initiation of the migration process before turning over to a project management team.



Corporate Executive Board – Data Center & Headquarters Relocation

Industry/Position: Services, Consulting; \$1B public company

Services leveraged: IT & Energy Design, Consulting, Management

Company profile: The Corporate Executive Board (CEB) enables superior business outcomes by delivering authoritative data and tools, best-practice research, and peer insight to the leaders of the world's great enterprises. It has one of the world's largest private repositories of confidential corporate information, gathered through member research and executive round-tables. Security and continual access to that data are thus essential.

Company profile: CEB, headquartered in Washington, DC, has operations spread across the US, Europe, Asia and Australia. Since the migration windows were limited, close coordination was required for testing and continued access.

Solution: Nephin's Chief Consultant and Project Manager was responsible for:

- Technology architecture development
- Technology and migration strategy development
- Logistics planning for rationalization and consolidation of three server rooms
- Logistics planning for consolidation of five downtown offices
- Technology scoping, vendor due diligence and RFP process for all core data-center technologies
- Leading tactical efforts to resolve operational issues
- Architecture and engineering of two data centers to support 100 racks of equipment in high-density layout
- Tenant IT infrastructure design and core infrastructure redesign for 650,000 sq ft headquarters building and a converged IP architecture for building systems and energy management
- Global deployment of new WAN architecture and technologies
- Data center and headquarters infrastructure buildout and vendor management
- Commissioning of infrastructure prior to technology and staff migration
- Migration management for data-center technologies to a high-availability data-center architecture
- Migration management of 2,000 personnel to new headquarters

Nephin continues to enjoy a strong relationship with CEB and actively consults on, and manages new office buildouts, DR planning and more.



Data Center Relocation

Industry/Position: Services, Industrial, Retail: multibillion-dollar private company

Services leveraged: IT Design, Consulting, Management

Company profile: Headquartered in the suburbs of Philadelphia, PA, this client is a recognized name when it comes to distributing products to industrial, institutional, government and many other clients.

Company profile: As part of a headquarters consolidation and migration project, the company decided to migrate its data-center operations to a hosted data-center facility.

Solution: A Nephin project manager executed the move, applying expertise in the following areas:

- Infrastructure inventory and assessment
- Strategy development and roadmap
- Data-center design, construction management
- Vendor RFP, coordination and management
- Migration management



Data Center Design, Migration Management

Industry/Position: Education; State University

Services leveraged: Design, Consulting, Management

Company profile: This third-level state institution is home to almost 70,000 students across six campuses.

Challenge: Replace an aging data center with a new, state-of-the-art facility.

Solution: This project leveraged Nephin's Data Center Specialist for the design component and a project manager for the migration. With many groups having varying degrees of responsibility for the design and operation of the facility, we worked with the broad and diverse team on design, commissioning, migration and testing phases. The data center was built according to a co-location model, so each school can be a tenant and avail of core services and infrastructure.

Nephin provided assistance and expertise in the following areas:

- Design and engineering for a 15,000 sq ft Tier III High-Density Data Center
- Engineering of IT Infrastructure to support up to 160 racks of equipment
- Leveraging of latest design practices for energy efficiency and operating models
- Environment supports for 70,000 students and almost 20,000 employees
- Migration/rationalization of over 2,000 Wintel/Unix systems and 8 storage systems
- Migration strategy review, development and documentation
- Migration plan development, coordination with IT team and business units
- Construction coordination
- Vendor coordination and team management
- Physical to virtual (P2V) migration oversight
- Migration management and user acceptance testing (UAT)
- Decommissioning of systems and environment



Summary

Nephin will work with you to swiftly provide creative solutions and identify the best resources to solve your challenges.

If you'd like to learn more about the project examples and how we can help you, please [contact us](#).