

Data Center

Transformation

Data Center Transformation
Services for over 25 years

OSBT's Managed Business Services help your company increase productivity, improve customer satisfaction, and strengthen your competitive advantage. By collaborating closely with your staff, we develop tailored, turnkey solutions that cover the full lifecycle - from design and implementation to ongoing management and maintenance of high-quality service delivery for your products and services. Supported by a US-based Command & Control Center, on-site technicians nationwide, and a strong network of service partners, OSBT has established itself as a leader in information technology services and solutions.



**Single Point of
Contact**



Gold Standard Safety



**Planning &
Customization Services**

A Single-Source Solution

Your company's IT infrastructure is the backbone of your business. It powers the systems that drive your sales and connect you to new opportunities. As your business grows, you may need to upgrade to newer, more capable facilities that can support your evolving technical requirements. Relocating your servers, storage, and other critical network equipment can be a complex challenge. When facing this milestone, it's vital to partner with an experienced service provider who has the expertise to handle such a complex project seamlessly.

Quality Assurance throughout all the process is key to success. Devices must be tested for possible failures; data must be backed up before being touched. All hardware must be physically secure, insured against loss or damage. For the new place, a new network layout must be created, upgrades should be made.

- Project planning, preparation and management
- Hardware and software migration planning
- Network connectivity migration planning
- Relocation coordination
- Multi-vendor management
- Single-source accountability
- Minimal risk and disruption

What We Deliver

Standard Services – Fully Customizable

Project Management

We provide Professional Services for Program Management with a background of over 20 years of experience in Data Center transformation including Structured Cabling design and installation, which makes us your best option for such important milestone for your company. Program Management Professional Services include:

- Single Point of Contact (SPOC) for all project management activities
 - Creating and Maintaining a Master Project Plan
 - Project Status Reports
- Serving as SPOC for 3rd party vendors
- Developing a project plan and a communication plan
- Serving as the primary escalation point to all stakeholders
- Developing, managing and tracking the project plan and schedule
- Weekly status updates

Physical Relocation Services

- Relocation planning, preparation and coverage for domestic and international
- Site survey of legacy equipment
- Performing verification of customer-provided equipment inventory including makes/models/serial numbers
- Pre-migration readiness check
- Unplugging power/Network/SCSI (Small Computer System Interface) connections to all equipment
- Managing un-racking and transport of designated equipment
- Packing/coordinating the shipment of equipment and racks including truck(s) and packing material
- Managing re-racking of equipment within the new data center(s) based on rack elevation diagrams
- Connecting power/Network/SCSI cabling at new location as specified in a cabling diagram

In Summary

Employing a structured methodology, such as OneSource's, can significantly enhance the value of data center relocation and consolidation initiatives by aligning your business objectives with measurable outcomes.

By providing a more centralized and consolidated data center capability, your company could reduce the cost of IT operations to the business and support more effectively any growing plans.

Typical data center relocation and consolidation results when following this approach are as follows:

- Going Green by reducing power consumption for technology and environmental controls typically associated with larger data center footprints.
- Bridge or close any existing gaps between the business functions and technology enablers.
- Improving Compliance by supporting the audit and verification of assets to reduce legislative compliance risk, as well as improve the quality and security of corporate data.
- Leveraging Innovation during the relocation and consolidation effort that focuses on increased business agility to meet evolving customer requirements.

Our Strategy

- 1 Identify Stakeholders**
Analysis of key people who should be consulted, informed and affected during the project.
- 2 Define Key Objectives**
The process of goal-setting in order to set tasks, resources and priorities.
- 3 Define Success Criteria**
The process of identifying critical business imperatives.
- 4 Review Enterprise IT Infrastructure**
Document current infrastructure and look for improvements in IT capacity, hardware and architecture
- 5 Develop an Implementation Roadmap**
Create the SOW, Project Chart, and WBS | Lock resources | Create contingency and rollback plans | Test set definition

Optional Services

Infrastructure Architecture & Design

- Assessing, designing and building out the new data center infrastructure including creation of logical and physical diagrams for equipment at the designated datacenter(s)
- Rack assembling, equipment racking, cabling design and installation
- Cabling and rack elevation diagrams for equipment at the designated data center(s)
- Business continuity/disaster recovery plan
- Providing data center consolidation assessment and design services

Engineering

- Site surveys to access requirements like logistics and cable mapping
- Performing data collection, identification, and verification of network port inventory & usage
- Powering down of equipment to be migrated
- Turn-up and test plan for the equipment at the designated data center(s)
- Turning-up and testing equipment based on a test plan
- Creating a new IP addressing plan, performing certification and IP address changes to designated systems
- Performing operating system upgrades on designated systems
- Configuring interim transition equipment including turn-up and test
- Assisting with Domain Name Services (DNS) configuration changes and cutover plan
- Collaborate with customer engineers on rack elevations (current and future state)

Other

- SPOC for 3rd-party optional rental equipment
- Working with 3rd-party vendors to re-certify migrated equipment