# Internet Data Center Transformation

**A Single Source Solution for Internet Data Center Relocations**

Internet Data Center Transformation is a single-source solution from AT&T for migrating an Internet Data Center from one location to another. The service includes project planning, preparation, management, hardware (HW) and software (SW) migration planning, connectivity migration planning, mover coordination and multi-vendor management with single-sourced accountability.

## Standard Services

### Project Management (PM)
- **Single Point of Contact (SPOC)** for all project management activities related to the migration of an Internet Data Center infrastructure including creating and maintaining a master project plan, an implementation plan and weekly project status reports

### Physical Move Services
- Site survey of legacy equipment and pre-migration readiness check
- Verify customer-provided equipment inventory including makes, models and serial numbers
- Disconnect power/network connections to all designated equipment

## Benefits

- Streamlined end-to-end solutions
- Support for multiple equipment and service vendors
- Single-sourced accountability and single point of contact for all AT&T and 3rd-party services
- Scalability – flexible solutions from low-cost equipment moves to fully-managed, no-downtime transitions
- Complete, accurate and timely inventory of the infrastructure decreases risk of over spending IT budgets
- Increased efficiencies and savings, less need to hire additional resources for a migration
- Reduced risk and disruption

## Features

- Proven methodologies for assessment, design and implementation
- Experience with project planning, preparation and management
- Hardware, software and network connectivity migration planning
- Mover coordination
- Multi-vendor management
- Single-sourced accountability
- Experience with large scale transformations of Internet Data Centers customized to meet individual client business requirements

## Internet Data Center Transformation – What We Deliver

A single-source solution that includes:

- Project planning, preparation and management
- Hardware and software migration planning
- Network connectivity migration planning
- Mover coordination
- Multi-vendor management
- Single-sourced accountability
- Reduced risk and disruption

### Diagram

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Internet Data Center Audit and/or Assessment

<table>
<thead>
<tr>
<th>Internet Data Center Audit and/or Assessment</th>
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<tr>
<td>Perform Internet Data Center computing and network-related data collection &amp; analysis</td>
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<tr>
<th>Internet Data Center Relocation Requirements</th>
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<tr>
<td>Formulate Internet Data Center Transformation requirements including current Data Center environment, footprint of the new Internet Data Center, new technologies to apply, applications with dependencies, system &amp; LAN/WAN equipment that is to be replicated</td>
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<th>Prepare Project Plan</th>
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<td>Develop the work breakdown structure, overall schedule, move planning and end-to-end testing and cut-over Plans</td>
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<table>
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<th>Develop Complete Work Breakdown Structure</th>
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<td>Develop systems design documents including physical and logical equipment diagrams, rack elevation/cabling diagrams</td>
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<th>Create Site Documentation</th>
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<td>Develop implementation plan with migration strategies &amp; contingencies</td>
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- Manage un-racking and moving of designated equipment/racks including packing, movers, truck(s) and packing materials
- Manage re-racking of equipment within the new data center(s) based on customer-provided rack elevation diagrams
- Connect power/network at new data center(s) per cabling diagrams

Optional Services

Infrastructure Architecture and Design
- Assessing and designing an Internet Data Center infrastructure including the creation of logical and physical diagrams for equipment at the new data center(s)
- Developing cabling and rack elevation diagrams for equipment at the new data center(s)
- Assessing and designing a business continuity/disaster recovery plan
- Providing Internet Data Center consolidation, assessment and design services

Engineering
- Performing identification and verification of network port inventory and usage
- Turning-up and testing equipment at the new data center(s) and/or developing a turn-up and test plan
- Creating new IP addressing plans and IP address changes to designated systems
- Performing operating system upgrades on designated systems
- Configuring interim transition equipment, including turn-up and testing
- Assisting with Domain Name Service (DNS) configuration changes and cutover plan(s)

Specialty Services
- Having moving vendor(s) provide optional quotes for additional liability insurance
- Serving as a SPOC for 3rd-party vendors that provide optional rental equipment
- Working with 3rd-party vendors to recertify migrated equipment under maintenance

Customer Responsibilities

A successful Internet Data Center transformation is a collaborative effort. The following items are the responsibility of the customer, unless optional services are requested from AT&T:
- Providing a complete inventory list, rack drawings and a detailed wiring diagram
- Preparing racks and cages, at the new data center(s) and powering down/up equipment
- Satisfying manufacturer warranty requirements including migration logistics/resources for enterprise equipment such as Direct Attached Storage Devices (DASD), Storage Area Network Systems (SANs), Network-Attached Storage (NAS), etc.

For more information contact your AT&T Representative or visit us at www.att.com/hosting.