

One World

— A GLOBAL MOVING COMPANY —

DATA CENTER MIGRATION



#DataCenterTransformation



INTRODUCTION

- Oneworld Logix is a leading provider of expert Data Centre Migration solutions, offering fully insured services with full technical support.
- During data center migration, our team can provide expert handling and advanced technology for critical equipment like production servers, storage units, network appliances, and data switches. We ensure the safe and seamless transfer of your vital infrastructure with precision and care.
- With a focus on delivering consistent quality service throughout our worldwide network, Oneworld Logix ensures a seamless and secure migration process for companies in the IT sector.
- Our professional staff is well trained to handle complex migrations with precision, utilizing suitable state-of-the-art infrastructure to reach the destination without any risks. As a trusted partner in data centre migrations, Oneworld Logix is committed to keeping your business moving forward.

SERVEY BEFORE MIGRATIONS



- What Exactly We Are Migrating
- Our Budget And Timeline To Migrate Them
- Our Success Outcomes Be Post Migration
- Perform A Configuration Management Database Assessment
- Map Out Your IT Asset Network Ecosystem
- Begin Timing DC Migration According To The Network Ecosystem
- Requirement Of Structure Cabling And Tools

TECHNICAL SUPPORT DURING MIGRATION



- End-to-End Solutions From Consultation To Implementation
- Perform Various Front-end Validation Tests
- Documentation-customer Profile, Project Require Document, CAD Floor Diagrams And Elevations, Installation Test Results
- Experts In Layer 1 Infrastructure Design For Small To Large Enterprise Data Centers
- Labelling & Tagging Of Servers With Networks before Migrations
- Pre Structure Cabling at Destinations Data Centre
- Documentation of Labelling & Cabling



WE SUPPORT YOUR PROJECT

- Unmounting of Servers, chassis & network device form Rack
- Procurement of Network Equipment (OEM)
- Rack Alignment Management
- Risk Management
- Design approach maximizes the performance of connectivity for next generation speeds and technologies
- Installation of Layer 1 infrastructure including overhead
- Conveyance, central patching location, patch panels and zone solutions

STAGE OF HANDLING

TECHNICAL SUPPORT & SERVICES

- Engineers Team Management
- Documentation Management
- Client & Vendor Engagement during Network Layout
- Final Lay out of Structure Cabling
- Unplugging & Tagging of Fiber & network Cables
- Mounting & Unmounting of Servers & Network Rack



RELOCATION ENVIRONMENT

- Packing Team & Labor Management
- Fork Lifts and Truck Alinement Before Migrations
- Elevators, Hallways, Windows, Rooftops
- Inventory Management
- Risk Management
- Way Out Route Management
- Packing Material alinement
- Security Check



TRANSPORTATION

- One World vehicles are of air cooling system inside which will help to maintain the temperature and prevent moisture during the time of migration
- Base of vehicle Contain 50mm form sheet to provide cushioning
- The Maximum speed of the vehicle is 30km/hr
- A minimum of 3 straps tie the Rack to the container sidewalls
- Additional use of cargo bars to segregate freight
- Use of Forklift while loading the heavy Loaded Rack
- Special Wooden Packing for Servers higher the 8U Size
- Forklifts & High Boom Hydraulic Cranes for Loaded Racks
- Inventory Management
- Risk Management (Transit Insurance)

PHASES DURING MIGRATION

01

DISCOVERY

- Identify the need of client
- Survey of data center at origin & destination
- Discovering the challenges during migration

02

PLANNING

- Timeline for Migrations
- Logistic & Technical Management
- Budget for Migrations

03

DEVELOPMENT

- Minimize Business Impact
- Rebooting Servers & Network
- Begin on-premise infrastructure

05

MIGRATIONS

- Technical and logistic Management

04

VALIDATION

- Pre Structure Cabling at New DC site
- Testing & Configuring
- Documentation Management (cables and network)

06

MANAGEMENT

- Documentation Management
- Risk Management

07

SCALABILITY

- Testing of Final Migrations Ends

08

CLIENT PROJECT REPORT

HATHWAY

69 Rack Migration
Within Lower Parel, Mumbai
Downtime: 18 Phase/ 7 Hours
all the phases are executed
on or before time

SPRINGER NATURE

6 Rack Migration
Within Pune
Downtime: single phase/
30 Hours
Completed in 23 Hours,
before time

SIFY DATA CENTER

4 Rack Migration
Within Gurgaon to Noida
Downtime: 40 Hours
Completed in 38 hours,
before time.

CTRLS DATA CENTER

6 Rack Migration
Within Hyderabad
Downtime: 30 Hours
Completed in 23 Hours,
before time.

CLIENT PROJECT REPORT

CASE STUDY ON *hathw@y*

SCOPE OF WORK:

To Migrate their entire DC equipment's (69 Racks) & infrastructure to the new location.

TECHNICAL SCOPE

Preparation of new Floor map and rack layouts, Devices layouts including Network, Server, and Storage equipment's, engaged with client to prepare new Parallel network at the destination site, all the equipment/devices movement from old infra to new DC location, unmounting of the devices from rack, mounting of the devices into rack at the destination, server connectivity, powering on, device ping test, rack dressing, Structured cabling, labeling on cables, connectivity documentation, port mapping, troubleshooting.

NON-TECHNICAL SCOPE:

Pre-migration activity, documentation, packaging of devices, movement of all equipment's (Network, Server, Storage, Routers, Racks, etc.) lift & shift of their storage & Tapes, project planning, documentation

CLIENT PROJECT REPORT

CASE STUDY ON *hathw@y*

ORDER VALUE:

23,60,000/-

Challenges During Migrations:

- The major challenge was we had to build all the existing networks at the destination site for a parallel setup to avoid any business disruption.
- Customer engaged HP team to migrate their storages and SAN switches while movement Primary SAN switch crashed.
- Coordinating with various teams and stakeholders for the planning and execution.

Recommended solutions by (oneworld Logix)

- A phased migration (in which we have prepared all the cabling and connections at the destination site) approach to minimize downtime and service disruptions.
- Customer raised requirement with the HP team as these are the only devices which got failed during migration from the HP team.
- Establishing a dedicated project management team to oversee planning, execution, and communication & conducting thorough compatibility testing and validation before and after migration.

Downtime:

Because of the high dependency customer planned the whole migration in 18 phases, starting time 11 PM to 6 AM for all the phases.

RESULTS

- Successful migration completed within the scheduled downtime window for all the departments.
- Not even a single disruption to business operations and services.
- Enhanced scalability, performance, and security of the new data center infrastructure.
- Positive feedback from stakeholders on the seamless execution and professionalism of OneWorld Logix.



FEEDBACK



One World

A GLOBAL MOVING COMPANY



WE ARE AVAILABLE

Globally



VALUE ADDED SERVICES

- servers and firewall configurations
- backup and disaster recovery
- itad (it assets disposal)
- hardware replacement
- servers shutdown & configurations

CONTACT US FOR INQUIRY

MUMBAI OFFICE (H.O)

Plot no 18 & 19, Shelton Sapphire, B 306, Amra Marg, near Sessions Court, Sector 15, CBD Belapur, Navi Mumbai, Maharashtra 400614

Board Line : +91 882-882-0887

Email: info@oneworldlogix.com

SERVICES AVAILABLE:

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THANK YOU!

