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1.0 Executive Summary

Schneider Electric Server Migration & Cable Management service delivers the vital resources, expertise and tools needed to transition your data center network components to the solution. Schneider Electric field service engineers will provide expertise in migrating your critical, rack-mountable equipment.

The engineers will facilitate the physical migration and cable labeling for servers, KVMs, LCDs, and similar rack-mountable devices. The Server Migration and Cable Management Service provides professional rack optimization and implementation of your data center or server room, focusing on:

- Rack-mountable equipment migration
- Management and layout of cables
- Final testing of copper and/or fiber cables

Schneider Electric will provide the expertise and knowledge required to provide a well-maintained data center with minimal downtime, while utilizing a fully tested cable management system.

2.0 Features & Benefits

Features	Benefits
Rack optimization	Ensures a complete, professional and manageable layout of all data center rack-mountable components.
Physical migration	Provides the customer with a convenient, efficient, and proven method of completing the physical transition of the data center components.
Professional testing	Verifies that cables are attached properly, in their proper locations, thereby ensuring the continued use of the migrated equipment.
Professional expertise	Frees up customer resources to concentrate on core business focus.

3.0 Details of Service

The specific activities of this service are listed below. For each item, Schneider Electric service will perform the work described.

Server Migration	
Activities	Description
Migration Management	Schneider Electric service will provide a dedicated Migration Manager experienced in data-center migration to facilitate the project.
Installation	Schneider Electric service will uninstall and reinstall all types of rack mountable devices, ensuring a complete, professional and manageable layout of all data center rack-mountable components.
	Schneider Electric service will install customer-provided 4-post server rail kits and mount servers into Schneider Electric NetShelters.
Cable Management	Schneider Electric service will replace articulating arms and power cords with custom-fit, power cords and cable management.

Cable Management	
Activities	Description
Management	Schneider Electric service will provide cable management for the servers migrating over to the new racks.
	Schneider Electric service will dress cabling into neat and presentable bundles in all locations.
Installation	Schneider Electric service will install and manage all patch cords into the rack and organize them with a specific cable management system that allows for proper airflow in the rack.
Labels	Schneider Electric service will professionally label primary and secondary data cables, and primary and secondary power cables.
	Schneider Electric service will supply all professional labels and Velcro for cable management.
Logistics	Schneider Electric service will provide the knowledge and labor required for a well-organized and professionally maintained data center with minimal downtime.
	Schneider Electric service will utilize a fully tested cable management system.

Cable Testing (optional)	
Activities	Description
Advanced Copper Testing	Schneider Electric service will physically test each port from the Data Distribution Cables (DDC) to the switch for compliance to current standards, with customer approval.
	Schneider Electric service will use a network cabling certification tester, compliant to TIA/EIA TSB67 Level III specifications.
	The test reports service will be available for viewing at the end of the project.
Advanced Fiber Testing	Schneider Electric service will test the Multimode Backbone at both 850 nanometers (nm) and 1300 nm in both directions of signal travel.
	Schneider Electric service will test the Single Mode Backbone at both 1310 nm and 1550 nm in both directions of signal travel.
	Schneider Electric service will test the Horizontal Multimode WA optical fiber cables at the 850-nm wavelength in only one direction.
	The test reports will be available for viewing at the end of the project.
Basic Copper Testing	Schneider Electric service will perform a continuity port test and wire map of each port of the DDC cables.
Basic Fiber Testing	Schneider Electric service will test the polarity of each port.

4.0 Deliverables

Service deliverables may include:

- TIA/EIA TSB67 Level III test results on cabling and connections
- Channel test results from server to end devices
- Basic and advanced testing of the fiber and copper cables

5.0 Assumptions

The successful performance of the activities defined is based on the following key assumptions:

- Customer will provide 24 to 36 hours of down time for the server migration
- Server Migration will be conducted in one phase
- There will be a minimum of twenty-five (25) devices moved
- The Server Migration Checklist will be completed and returned to Schneider Electric service prior to the start of on-site activity

The following items are outside the scope of this standard service offering. Please contact your certified Schneider Electric service sales representative for more details.

- Relocating non-rack-mountable equipment
- Rack or equipment disposal
- Network Integration Service
- Customer Orientation & Training Service
- Rack Assembly Service

6.0 Scope of Responsibility

The items stated here are responsibilities of both Schneider Electric service and the customer.

6.1 SCHNEIDER ELECTRIC SERVICE RESPONSIBILITIES

- Schedule qualified professionals to perform service
- De-install device from origination point and re-install into destination point
- Cross-connect each device's Primary and Secondary data to the server patch panel
- Plugging in of the Primary and Secondary power cords to the rack mount PDU
- Professional labeling of two data cords and two power cords per device, minimum
- Perform post-migration site walk with the customer to address any punch list items

6.2 CUSTOMER RESPONSIBILITIES

- Fill-out and return Server Migration Checklist
- Indicate any security clearance requirements when ordering service
- Provide patch cables for the devices that are migrated
- Provide rack rails for the devices that are migrated
- Safe shut down of devices before Schneider Electric arrives onsite
- Test each device before the Schneider Electric service sales representative leaves the site
- Provide an accurate list of the devices migrated prior to Schneider Electric's arrival onsite
- Before and after rack elevations of the devices migrated provided to the Schneider Electric service sales representative prior to arriving onsite
- Cross-connect from the switch to network rack
- Pack and transport devices from source location to the destination location
- Dispose of packing materials

7.0 Project Work Details

The following details of the project specify the schedule, location and successful completion criteria.

7.1 SCHEDULE

Actual set dates will be discussed and approved between Schneider Electric service and the customer.

7.2 LOCATION

This integration will be performed on-site at the agreed-upon source location and destination location.

7.3 COMPLETION CRITERIA

Schneider Electric is expected to have finished its written duties when any of the following occurs:

1. Schneider Electric service completes all the tasks described.
2. This project and SOW are terminated for other reasons, within the Schneider Electric Service Customer Agreement.

8.0 Pricing

Pricing for the Server Migration & Cable Management Service (WITSC) varies depending on the nature, location, and scope of the work. Additional costs may occur depending on the distance traveled between the source location and destination location. Contact your Schneider Electric service sales representative for a quotation and Server Migration Checklist.

Fixed price non-union labor quote includes a weekend rate. A premium will be charged for Holiday work. Travel, food and related expenses for Schneider Electric service personnel are included in the quote price.

Schneider Electric service server migration proposals are valid only for sixty (60) days. Schneider Electric reserves the right to withdraw the proposal after the sixty-day period.

9.0 Terms and Conditions

Schneider Electric Standard Terms and Conditions apply.

The information provided in this Scope of Work cannot be used or duplicated, in full or in part. Other uses for this document are prohibited without written consent by Schneider Electric.

All documentation, photographs, imaging or other information provided by the customer, or gathered at the customer site, will be for internal use only and used solely for the purpose of report generation, analysis and recommendations.

All services' conditions included in this document apply (i) only between Schneider Electric and that organization that bought the Services Solutions; and (ii) only to those products and services ordered by the Customer at the time that the Schneider Electric Services information is current. Schneider Electric may change the Schneider Electric Services Information at any time. The Customer will be notified of any change in the Schneider Electric Services Information in the manner stated in the then current product ordering and/or services solutions related agreement between Schneider Electric and the Customer, but any such change shall not apply to products or service ordered by the Customer prior to the date of such change.

Schneider Electric will have no obligations to provide Services Solutions with respect to equipment and assets that are outside the Service Area. "Schneider Electric Service Area" means a location that is within (i) one hundred (100) miles or one hundred and sixty (160) kilometers radius of a Schneider Electric service location; and (ii) the country in which the Installation site is located, unless otherwise defined in the governing agreement with Schneider Electric, in which case the definition in the governing agreement prevails.

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