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## 1.0 Executive Summary

The Schneider Electric Structured Cabling service is a key part of an overall InfraStruXure® deployment for data centers and telecommunications rooms. This service delivers the vital resources, expertise and tools needed to design and install a comprehensive structured cabling system for your new or existing IT environment. Schneider Electric's team of BICSI certified Registered Communication Distribution Designers® (RCDD) will design a structured cabling solution incorporating APC's zero-U Data Distribution Cable (DDC) assemblies along with industry-leading copper and fiber optic cabling components to support current and emerging technologies.

The Structured Cabling Service provides in-depth knowledge of cabling infrastructure design and installation, focusing on:

- Customer Requirements
- Codes and standards
- Fire stop systems
- Testing
- Documentation
- Maintenance and trouble shooting

## 2.0 Features & Benefits

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 infrastructure system.

Features	Benefits
Cable Infrastructure Design	RCDDs assist in providing flexible, scalable, and future-ready transport systems.
Physical Installation	Provides the customer with certified technicians to install the cabling infrastructure solution.
Management and Coordination of Schedule	Provides scheduling coordination between the customer, Schneider Electric, and technicians to avoid possible delays to the overall project schedule.
Professional Testing	Verifies that all cables are functioning properly, in their proper locations, and perform to industry standards.
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 will perform the work described.

Cable Installation	
Activities	Description
Installation	Schneider Electric will install horizontal and backbone cabling into the server and data cabinets and organize them with an APC specific cable management system that allows for proper airflow in the rack.
Cable Management	Schneider Electric will dress cabling into neat and presentable bundles that meet industry standards.
Labeling	Schneider Electric will supply and affix self-laminating machine-printed labels for horizontal and backbone cabling and hardware adhering to the ANSI/TIA/EIA-606-A standard.
Logistics	Schneider Electric will provide BICSI-Certified Commercial Installers and Technicians to ensure all aspects of the installation adhere to the scope of work and the RCDD's requirements.
	Schneider Electric will understand the entire scope of the project in order to properly plan and organize the installation process, resulting in a high quality infrastructure installation.
Cable Testing	
Activities	Description
Advanced Copper Testing	Schneider Electric will physically test each port of the horizontal structured cabling system for compliance to current standards, with customer approval.
	Schneider Electric will use a Level III network cabling certification tester, compliant to TIA/EIA TSB-67 standard.
	The test reports will be available for viewing at the end of the project.
Advanced Fiber Testing	Schneider Electric will test Multimode optical fibers in compliance with TIA 526-14 standard at: <ul style="list-style-type: none"> <li>• Both 850nm and 1300 nm for backbone links.</li> <li>• Either 850nm or 1300nm for horizontal links.</li> </ul>
	Schneider Electric will test Single mode Optical fibers in premises applications at both 1310nm and 1550nm in compliance with TIA 526-7 standard.
	The test reports will be available for viewing at the end of the project.
Basic Copper Testing	Schneider Electric will perform a continuity port test and wire map of the horizontal structured cabling system.
Basic Fiber Testing	Schneider Electric will verify continuity and polarity by verifying the proper order at the output.

### 4.0 Deliverables

Service deliverables may include but are not limited to:

- TIA/EIA TSB-67 Level III test results on cabling and connections
- TIA 526-7 and TIA 526-14 fiber optic cable test results
- Rack elevations
- Updated floor plans
- Port mapping

### 5.0 Assumptions

The successful performance of the tasks defined in the statement of work (SOW) is based on the following key assumptions, which are agreed to by Schneider Electric:

- Schneider Electric will provide a customized, site-specific scope of work during the design phase of the project. The customer must read, understand, and return a signed copy of the site-specific scope of work to the Schneider Electric representative prior to work commencing on site.
- This service will be scheduled a minimum of three (3) weeks after the purchase order is received.

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

- Installation of patch cables to the APC devices
- Relocating non-rack-mountable equipment, including server migration
- Configuration of InfraStruXure Central or APC software products
- Customer Orientation & Training Service
- Rack Assembly Service

### 6.0 Scope of Responsibility

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

#### 6.1 SCHNEIDER ELECTRIC RESPONSIBILITIES

- Schedule qualified professionals to perform service
- Professional installation of the cable infrastructure solution
- Professional testing of the cable infrastructure solution
- Professional labeling of the cable infrastructure solution
- Fulfill all Schneider Electric responsibilities outlined in the site-specific scope of work
- Perform site walk with the customer to address any punch list items

#### 6.2 CUSTOMER RESPONSIBILITIES

- Complete and return the Cable Infrastructure Checklist
- Indicate any security clearance requirements when ordering service
- Provide soft copy drawings for updating by Schneider Electric
- Secured area for material storage
- Designated place to dispose of packing materials

### 7.0 Project Work Details

The following details of the project specify the schedule, location and successful completion criteria. Schneider Electric will meet with you to discuss your specific needs before developing a customized, site-specific scope of work.

7.1 SCHEDULE

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

7.2 LOCATION

This Cable Infrastructure Service will be performed on-site at the agreed-upon location.

7.3 COMPLETION CRITERIA

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

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

### 8.0 Pricing

Pricing for the Cable Infrastructure Installation service varies depending on the nature, location, and scope of work. Contact your service sales representative for a quotation and Cable Infrastructure Checklist.

Schneider Electric Cable Infrastructure Installation proposals are only valid for thirty (30) days unless previously communicated with the RCDD preparing the quote. Schneider Electric reserves the right to withdraw the proposal after the thirty (30) 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.

Products or services obtained from any Schneider Electric partner or reseller are governed solely by the agreement between the purchaser and the reseller. That agreement may provide terms that are the same as the Schneider Electric Services Solutions on this document. Please contact the reseller or the local Schneider Electric sales representative for additional information on Schneider Electric Services Solutions on Products obtained from a reseller.

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