

1.0 Executive Summary

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Our StruxureWare Software Solution Suite is designed to optimize and support the data center infrastructure management. Our Software Solution is composed of a comprehensive set of hardware, software and services. The Schneider Electric Services cover the whole life of the solution, from the initial installation to the renewal, including the best maintenance and care for your software platform.

The CMDB (Configuration Management Data Base) data integration service is based on the sound ETL data integration framework built on StruxureWare. Our Service is designed with the most common requirements applicable to the same kind of projects. Our Schneider Electric ETL expert team, will request information and set up a meeting to validate the client requirements. A Configuration Management Data Base software records the configuration of the IT platforms and systems. At the Data Center infrastructure Configuration level the StruxureWare Data Center Operation software takes care of this configuration and provides the Data Center knowledge that help users to manage and configure their installations in the most effective way. The integration of the Data Center Operation data in a more general CMDB platform simplifies the management of the complex data and reduces data manipulation, providing a single source of unique truth. The goal of this integration is to exchange assets information across platform.



2.0 Features & Benefits

Data Center Software ETL Integration – Requirement validation	
Features	Benefits
Pre-assessment	A Schneider Electric representative will contact you prior to the fulfillment of the service. The representative will schedule the service and validate the service deliverables.
Customer requirements Meeting	The onsite customer meeting will ensure that all integration criteria has been met and set expectation for the remaining features of the service.
Non-Functional Requirements	Non-functional requirement is a requirement that specifies criteria that can be used to judge the operation of a system, rather than specific behaviors. Determine accessibility and availability of environments. Performance criteria, etc.
Functional Requirements.	Schneider Electric will gather the business rules affecting present data to be integrated (range, validity, Quality, refresh rates, relevance). Access level and profiles will be documented.

Data Center Software ETL Integration – Requirements validation continued	
Features	Benefits
ETL Policies	Definition of policies of ETL. Definition of quality criteria, patterns and assurance of the uniqueness of criteria of transformation.
Test Policies	Traceability of the information. Data quality assurance.
Pre-assessment	A Schneider Electric representative will contact you prior to the fulfillment of the service. The representative will schedule the service and validate the service deliverables.
Data Center Software ETL Integration - Functional Analysis	
Features	Benefits
Source analysis	Identify of the entities in the source systems.
Mapping of entities	Identify the relations between source entities and target entities.
Data flows	Identify the processes of transformation and load for each entity.
Quality rules	Identify the data quality rules for each data flow and data types.
Volume	Identify the volume and performance estimation.
Plan Test.	Identify the validations rules of transformation and load processes.
Data Center Software ETL Integration – Technical Design	
Features	Benefits
Detailed Process	Detailed design of the processes of transformation and loading.
Plan Test.	Develop the test data set.
Data Center Software ETL Integration –Process Development	
Features	Benefits
Processes creation	Schneider Electric will create all the individual processes that connect each dataset.
Data Quality control design	Schneider Electric will create quality checkpoint into the data exchange processes to minimize error propagation along applications according to the business rules.
Unitary process test	Schneider Electric will test each individual process in a development environment.
Data Center Software ETL Integration - Deployment	
Features	Benefits
Installation of every process in the production/preproduction environment	Schneider Electric will install and configure the product integration in the preproduction or in the production environments.
Connectivity and data access testing	Schneider Electric will make available to customer environments to be tested.
Full Testing	Schneider Electric will carry out integrated testing of the entire system.
Go-Live final validation	Schneider Electric will ensure a correct implementation and start-up.

3.0 Details of Service

The specific activities of each of the 1-day individual service offerings are listed below. For each item, Schneider Electric will perform the work described.

Data Center Software ETL Integration – Requirements validation	
Activates	Description
Pre-assessment	A Schneider Electric representative will contact you prior to the fulfillment of the service. The representative will schedule the service and validate the service deliverables.
Customer requirements Meeting	The onsite customer meeting will ensure that all integration criteria has been met and set expectation for the remaining features of the service.
Non-Functional Requirements	Non-functional requirement is a requirement that specifies criteria that can be used to judge the operation of a system, rather than specific behaviors. Determine accessibility and availability of environments. Performance criteria, etc.
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ETL Policies	Definition of policies of ETL. Definition of quality criteria, patterns and assurance of the uniqueness of criteria of transformation.
Test Policies	Traceability of the information. Data quality assurance.
Pre-assessment	A Schneider Electric representative will contact you prior to the fulfillment of the service. The representative will schedule the service and validate the service deliverables.

Data Center Software ETL Integration – Functional Analysis	
Activates	Description
Source analysis	Identify of the entities in the source systems.
Mapping of entities	Identify the relations between source entities and target entities.
Data flows	Identify the processes of transformation and load for each entity.
Quality rules	Identify the data quality rules for each data flow and data types.
Volume	Identify the volume and performance estimation.
Plan Test.	Identify the validations rules of transformation and load processes.

Data Center Software ETL Integration – Technical Design	
Activates	Description
Detailed Process	Detailed design of the processes of transformation and loading.

Data Center Software ETL Integration – Technical Design Continued

Activates	Description
Plan Test.	Develop the test data set.

Data Center Software ETL Integration – Development

Activates	Description
Processes creation	Schneider Electric will create all the individual processes that connect each dataset.
Data Quality control design	Schneider Electric will create quality checkpoint into the data exchange processes to minimize error propagation along applications according to the business rules.
Unitary process test	Schneider Electric will test each individual process in a development environment.

Data Center Software ETL Integration – Deployment

Activates	Description
Installation of every process in the production/preproduction environment	Schneider Electric will install and configure the product integration in the preproduction or in the production environments.
Connectivity and data access testing	Schneider Electric will make available to customer environments to be tested.
Full Testing	Schneider Electric will carry out integrated testing of the entire system.
Go-Live final validation	Schneider Electric will ensure a correct implementation and start-up.

4.0 Assumptions

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

- Schneider Electric will perform all services during the Schneider Electric business hours (Monday through Friday from 8:00 AM to 5:00 PM weekly).
- The scheduled on-site work time if required will be discussed and approved between Schneider Electric and the customer.
- The customer will dedicate the required expert users to solve Schneider Electric information requirements and to diligently perform the validation of the works. The client will provide the information on the third party systems and will be responsible of the accuracy of the information provided to Schneider.
- The data obtained from the CMDB system will be available through a simple mechanism, being that a structured-file format (csv, xls, xml, etc) or a simple DB flat table or view in a common database technology.

- The customer will ensure that all the third party systems that will be integrated are accessible by the planned technology by the Schneider Electric software.
- The customer will dedicate the required expert users to solve Schneider Electric data requirements and to perform the adequate testing and validation of the works.
- The testing of the system integrations will take place in testing environments, for that purpose, the customer will provide testing environments for the third party systems. If the testing has to be performed in production environments, the customer will assume under his responsibility the risks of operation disruption, including any accidental damage.
- The integration process will be performed with a single CMDB instance and platform.

5.0 Deliverables

DATA CENTER INFRASTRUCTURE MANAGEMENT REPORT

Schneider Electric will deliver a comprehensive report containing the following information:

Data Center Software ETL Integration – Requirements validation

- Document describing Functional Structure for the given solution.
- 3rd party data analysis document.

Data Center Software ETL Integration – Functional Analysis

- Document for QA rules and ETL processes validation.
- Testing plan document.

Data Center Software ETL Integration – Technical Design

- ETL processes technical design documentation.
- Testing sets documentation.

Data Center Software ETL Integration – Deployment

- Running processes installed on the target environment.
- Testing results.

6.0 Exclusion

The following items are outside the scope of this service offering. They can be provided through an alternative Schneider Electric service. Please contact an Schneider Electric sales representative for further details.

- Software Project management (available as a separate service)
- Integration based on events is not part of this service. All the service is exclusively based on scheduled data integrations that move a big collection of records periodically.

- Any 3rd party software configuration, modification or programming.
- Configuration of the data center software solution (The software has to be already configured)
- Configuration of the customers network for the use of the application
- Training in Data Center or other software products
- The development of any new software module, functionality or connection method that requires software development is not included in that proposal.
- The integration of device readings with DCO within the present Service ends when the device list appears in DCO as external recognized devices. Additional work related with DCO model is not included in the scope.

7.0 Scope of Responsibility

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

7.1 SCHNEIDER ELECTRIC RESPONSIBILITIES

- Schedule qualified experts to perform service.
- Identify and document open Schneider Electric and/or customer issues.
- The study that will determine high level integration architecture and processes is part of the scope.
- The integration between the DCIM platform and the rest of the software will be performed with the ETL platform approved for DCIM integration
- Schneider Electric is responsible of the designed processes and information flows between systems. The guarantee of the performed work lasts 3 months after the final validation of the process.

7.2 CUSTOMER RESPONSIBILITIES

- Provide a point of contact during time of service.
- Indicate to Schneider Electric any security clearance requirements when ordering service.
- Provide access to the data center if needed and Provide Schneider Electric with site-specific policies that need to be adhered to during the visit.
- Provide Schneider Electric IT Corporation with the necessary information about the setup in the data center.
- Grant full access to the Data Center software on both server and client sides.
- Perform a complete system back up the day before the scheduled service.
- Provide Schneider Electric with reliable technical information about the third party systems to be integrated with Schneider Electric Software.

- Provide Schneider Electric with reliable testing environments and sample data for the third party systems were testing of the integrations will be performed.
- The customer will provide Schneider Electric with a secure remote access to the mentioned testing environments.
- The customer will ensure that all the third party systems that will be integrated are accessible by the planned technology by the Schneider Electric software.
- The customer will provide all the required information about the third party systems to Schneider Electric.

8.0 Project Work Details

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

8.1 SCHEDULE

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

8.2 LOCATION

The integration service will be performed off-site

8.3 COMPLETION CRITERIA

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

- Schneider Electric completes all the tasks described in the Details of Service of this Statement of Work.
- This service and Statement of Work are terminated for other reasons, within the Schneider Electric Customer Agreement.

9.0 Pricing

Pricing for the StruxureWare Data Center ETL CMDB Integration service (WNSWETLCMBD) will be quoted on a daily rate dependent on the complexity of the integration.

10.0 Terms and Conditions

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