

# Sentry Power Manager (SPM)<sup>TM</sup> Integration Interface Tool

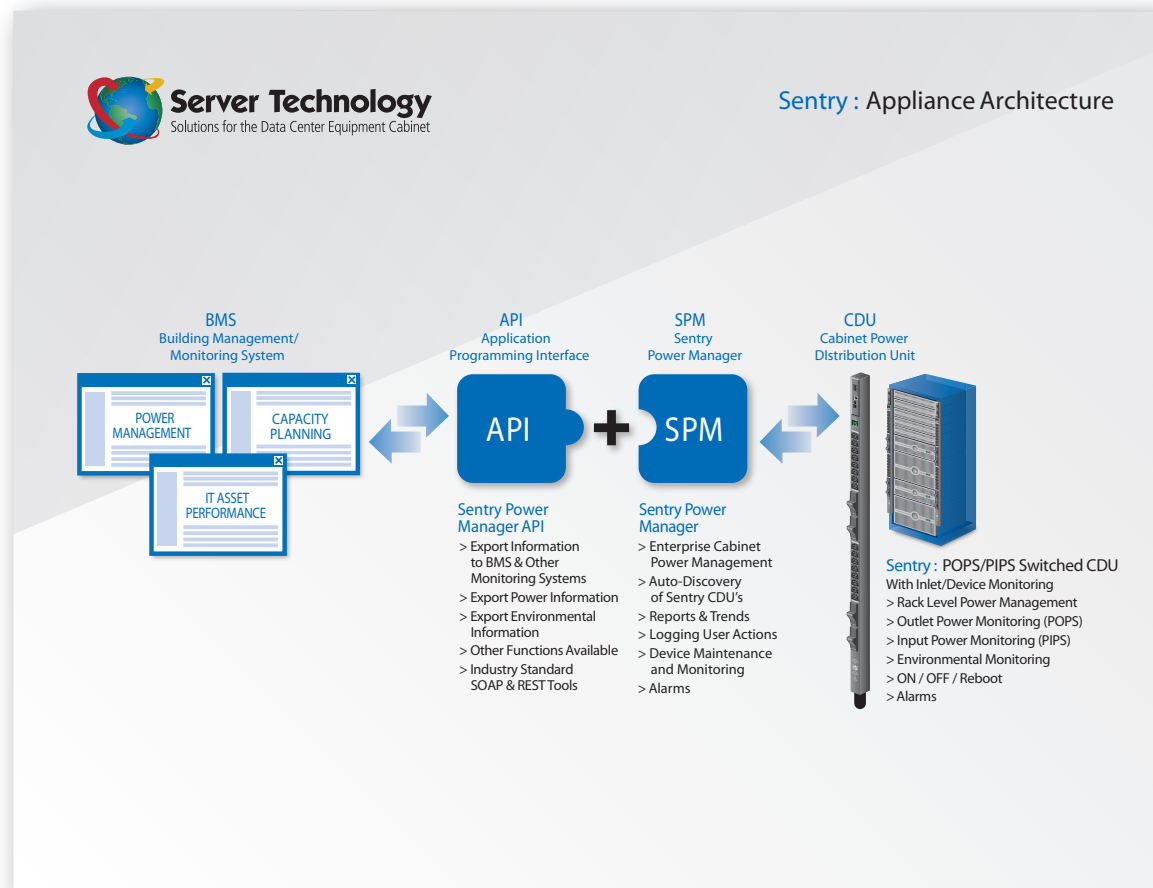
## Key Features

- > Ability to communicate power and environmental information to existing software systems
- > API uses industry standard SOAP and REST tools
- > Middleware implementation allows SPM to configure and manage existing CDU's while the central system has access to all power and environmental information
- > Multiple Systems already integrated using the API tools
- > API documentation provided with implementation examples
- > Provides power and environmental information with access to logs, reports, trends, device discovery and other functions that do not need to be recreated in your central software system
- > Exports circuit and device level power information to your central software system

## Integrate Power, Environmental and Other Information into existing Monitoring and Building Management Systems

Data Centers and Co-Location facilities often require a single central system to view all their power and environmental information. Using an Application Programming Interface (API) based on industry standard SOAP and REST web service interfaces, allows SPM to communicate this information to your existing Monitoring and Managements Systems.

API implementation allows SPM to act as "middle ware" streaming information to existing systems while still being available for Cabinet Power Distribution Unit (CDU) configuration, management and control. When managing a large number of CDU's within the data center a central interface like SPM saves time and effort versus going to each units individual IP address.



## Technical Specifications

### Sentry Power Manager API:

- > Retrieves data from SPM device management system
- > Allows the import of power and environmental information into other software systems
- > Provides detailed power infrastructure layout, monitoring and control to your application
- > Uses industry standard Simple Object Access Protocol (SOAP) for exchanging information
- > SOAP allows for easy communications through proxies and firewalls as it is transported over http
- > SOAP is language and platform independent allowing it to be used with a number of applications
- > For a simple interface for quick data exchange a Representational State Transfer (REST) API is also available
- > Software key code enables API functionality within SPM
- > Part Number: **SPM-API**

### Current API Integrations:

- > nlyte Software (r)
- > FieldView Solutions
- > JouleX
- > Other custom systems

### API Provided Information by Service:

- > User- Login/logout functionality, user information and client specific user data storage
- > UserGroup-User Group Information
- > System-Generic system catalog, settings and information
- > CDU- Information Specific to the CDU Devices
- > Location- Information Specific to the Locations
- > Cabinet- Information Specific to the Cabinets
- > OutletGroup- Outlet Group Information
- > Outlet Cluster- Outlet Cluster Information

### Appliance (Standard):

- > Form Factor: 1U

### Appliance (Redundant):

- > 1 U Form Factor
- > 2 x 500GB, Raid 1 Mirror
- > 450 W (1+1) Redundant Power Supplies

### Web Browsers Supported:

- > Microsoft Internet Explorer 7.0 or later
- > Mozilla Firefox 2.0 or later



## Server Technology

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