

Power Integration Module for Asset Manager – PowerIQ and SPM Server

Prerequisites

The following operating system and configuration requirements must be met prior to installing the Power Integration Module/Service:

- A 64-bit version of Microsoft Windows
- Microsoft .NET Framework 4
- Connectivity to both the Asset Manager and the PowerIQ or SPM server

Installation

To install the Power Integration Module, perform the following steps:

1. Create a directory for the integration files and copy the following files into this directory:

```
poweriqIntegrationRequiredSchema.js
spmIntegrationRequiredSchema.js
RFCodePowerIntegration.exe
RFCodePowerIntegration.exe.config
```

2. Import the **poweriqIntegrationRequiredSchema.js** and/or the **spmIntegrationRequiredSchema.js** files on the Asset Manager server.

3. Edit the **RFCodePowerIntegration.exe.config** file:

Update the **Asset Manager and PowerIQ URL**, **username** and **password** settings.
Update the **LogPath** directory to include the directory that you created in Step 1.

4. From a Command prompt, run the following command:

```
RFCodePowerIntegration.exe --export
```

This generates an Asset Manager export/import file named **export-poweriq.csv** or **export-spm.csv** and specifies an asset for every Temperature and Humidity sensor found on each of the PowerIQ and/or SPM servers that have been defined in the **RFCodePowerIntegration.exe.config** file.

NOTE: The **export.csv** file only contains assets for PowerIQ/SPM sensors which do not already exist in the Asset Manager.

NOTE: If there are any errors in the export process, an **export.err** file is created.

5. Import the **export-poweriq.csv** and/or **export-spm.csv** file, which was generated in Step 4, into Asset Manager.

NOTE: In order to import the assets (using one of the .csv) file, the importing user must have the necessary permissions to the Asset Manager user interface, i.e., the user must have one of the following Roles assigned: Administrator, Asset Manager, or Asset Editor.

6. From an administrator Command prompt, run the following command:
RFCodePowerIntegration.exe --install

This generates a Windows service name RFCodePowerIntegrator.

7. Start the **RFCodePowerIntegrator** service.
8. Check Asset Manager for each of the sensors that were imported during installation:
 - Make sure the new sensors appear in Asset Manager.
 - Make sure every new sensor has both a **Temperature and Humidity reading**.
 - Make sure the **Online** status for each sensor reads: **Yes**

NOTE: The integration module outputs errors as log files that are stored in the installation directory. These files have the following naming convention:
RFCodePowerIntegration-{date}.log,
e.g., *RFCodePowerIntegration-2013-06-04.Log*

To uninstall the module, run the following command from an administrator Command prompt:

```
RFCodePowerIntegration.exe --uninstall
```