



WebdynSunPM
Application Note

FW 5.2.x Migration Note



Table of contents

1	FW 5.2.x Migration Note	3
1.1	Update	3
1.1.1	Since FW $\leq$ 4.x	3
1.1.2	Since FW $\geq$ 5.x	3
1.2	Configuration Files	3
1.2.1	<uid>_daq.csv	3
1.3	Definition File Library	4
1.4	Script Library	4



1 FW 5.2.x Migration Note

1.1 Update

Info

For the complete procedure, please refer to the user manual

Tip

After each update, it is recommended that you delete the configuration files on the server. This allows the gateway to automatically generate new configuration files that incorporate any changes the next time you make a connection.

1.1.1 Since FW $\leq$ 4.x

You must first update to firmware version 5.0.13

Info

[Direct link to FW 5.0.13](#)

1.1.2 Since FW $\geq$ 5.x

The **FW 5.2.x** update is directly applicable

Info

[Direct link to FW 5.2.06](#)

1.2 Configuration Files

1.2.1 `<uid>_daq.csv`

Info

The configuration file `<uid>_daq.csv` is modified to use **Plant Manager**. The attributes `category(R0)` and `node` are introduced in place of `tag` and `model`

The configuration of the connected devices requires the following settings:

- **index**: Unique numerical identifier for the device.
- **interface**: interface used by the device.
- **name**: Unique device name. Used for the web interface, MQTT communication, and scripts.
- **address**: The device address in Modbus RTU (UnitID). Possible values range from 1 to 254.
- **acqPeriod(s)**: The acquisition interval in seconds for the device. If the input value is 0, no data is stored. Default value: 600
- **timeout(ms)**: The timeout in milliseconds before the request fails. Default value: 1000
- **serialNumber**: Device serial number. Filled in automatically upon detection.
- **parameters**



- **category(RO)**: Category associated with the device
 - **tag (V5.1.x)**: label associated with the device
 - **category** (prior to v5.1.0): category associated with the device
- **node**: Node associated with the device
 - **model** (prior to v5.2.x): Device model. This field is automatically populated by the gateway
- **defFile**: Name of the definition file for the device's registers and variables.

Here is an example:

```
index;interface;name;address;acqPeriod(s);timeout(ms);serialNumber;parameters;category(RO);node;defFile
IO;;;io;;;600;;;ioSunPM;NONE;WPM01A5B7_IO.csv
```

```
1;192.168.30.1:1502;Inverter 1;1;600;1000;;1;Inverter;SOLAR;WPM01A5B7_Huawei_V4.csv
2;192.168.30.2:1502;Inverter 2;1;600;1000;;1;Inverter;SOLAR;WPM01A5B7_Huawei_V4.csv
```

1.3 Definition File Library

The definition files currently in use, as well as those already available on the gateway, are retained.

Using the definition file library, you can download new definition files or updates to existing ones.

When an update is available for a file that is currently in use, the file will not be updated automatically. You must explicitly enable this option.

Info

The definition file library is being updated on an ongoing basis to incorporate new Webdyn tags that use **Plant Manager**; as a result, there is currently a coexistence of definition files that use older tags.

Warning

An updated file may cause an activated script to stop working

1.4 Script Library

The script library is a new feature introduced with **FW 5.2**. The scripts in the library are compatible only with **Plant Manager**, which requires the use of the new Webdyn tags for devices.

Info

An existing script that is currently running will continue to use the previous tags with the existing definition files. This ensures that there is no interruption in execution.