

3.3.1 Shutdown Controller

Introduction

Intelligent Power Protector can acquire UPS alarms from a UPS (**through USB or RS232 or from SNMP/Web card (*) or Virtual Power Source (*)**) and forward the shutdown alarms to the other Intelligent Power Protectors. This specific Intelligent Power Protector is called the "Shutdown Controller".

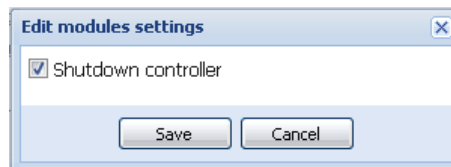
(*) **Note:** This is a new feature available since IPP 1.20.

Activating "Shutdown Controller" feature

You have to activate the **Shutdown Controller** feature on the IPP 1 that relays the alarms (connected to the UPS through USB or RS232).

This option can be activated from **Settings ► System ► Module Setting**

Double click on **Module settings** then check the checkbox.



When this feature is activated on one IPP:

- A new view called "Notified Applications" appears in the menu of the **Shutdown Controller** IPP and the IPP top banner is updated with this graphical sign:



- Other IPPs will discover this IPP through a network scan. From these other IPPs configure the parameters in **Setting ► Shutdown ► Configuration**.

The main parameters are:

* Power Source (indicate the IP address of IPP1 that is the Shutdown Controller)

* Load Segment

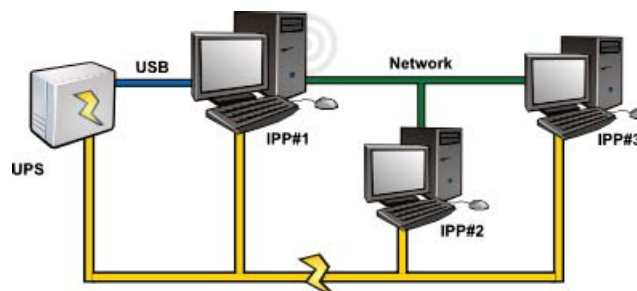
* Login and Password (You must use "admin" account)

Click on **Save**. Now your IPP is registered in the Notified Application view of the Shutdown Controller (refer to the next chapter).

Example with 3 computers (refer to the Shutdown Use Case for Architecture #3) :

A UPS is locally connected (through USB) to computer 1 hosting IPP1 (Shutdown Controller)

- the IPP 1 automatically detects its UPS
- the user has to activate the "Shutdown Controller" feature for IPP1
- In IPP2 interface the user will have to indicate the IP address of IPP1 computer, the load segment and IPP1 Login and Password
- In IPP3 interface the user will have to indicate the IP address of IPP1 computer, the load segment and IPP1 Login /Password
- IPP1 will forward Shutdown alarms to remote IPPs (IPP2) (IPP3)
- As a consequence the 3 servers powered by this UPS are protected.



This is the corresponding Power flow view where 1 UPS powers 3 single feed Servers:

Notified Application view