

UPS Additions

Local monitoring solution

LOCAL VIEW is a monitoring and management software for UPS systems via USB or serial RS232 allowing the system's automatic shutdown in the event of a prolonged power cut.

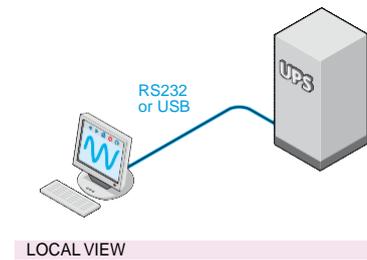
LOCAL VIEW avoids data losses and system damage when the PC, workstation or server are not supervised by the operator during the power cut.

Its simple and user-friendly graphic interface makes it easy to use even for less experienced users. Available in several languages, LOCAL VIEW provides clear, immediate and detailed information about the status of the UPS.

It can be easily updated (via internet) to ensure the highest level of protection to PC, workstations and servers.

LOCAL VIEW is compatible with Windows x86 and x64 platforms, LINUX distributions and MAC OSx.

LOCAL VIEW software is available from SOCOMEC's website for free download.



Network solutions (UPS connection to the LAN)

NETVISION is the most common Ethernet interface for use with SOCOMEC products. It is a communication interface designed for business networks.

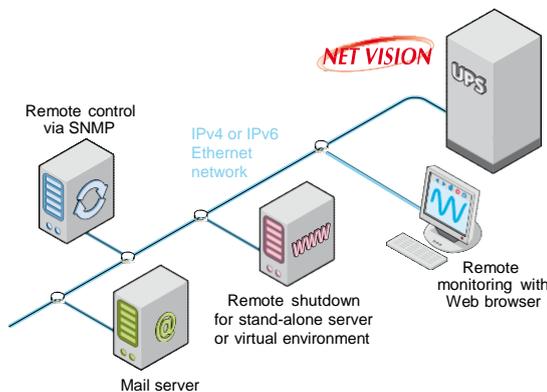
The UPS behaves exactly like a networked peripheral, it can be managed remotely and allows the shutdown of server-based workstations.

NETVISION allows a direct interface between the UPS and Ethernet network avoiding dependence on the server.

It is therefore compatible with all networks and multi-OS since it interacts via the Web browser.

The main specifications and functions are as follows:

- 10 / 100 Mb Ethernet connection (RJ 45),
 - UPS monitoring screen via a Web browser,
 - remote shutdown of stand-alone server (compatible with JNC) or Virtual environment (compatible with VIRTUAL-JNC),
 - notification of faults via email to up to 8 addresses,
 - UPS management via SNMP protocol,
 - monitoring of the operating environment (optional EMD temperature and humidity sensor).
- Configurable alarm trigger, notification via email.



EMD (Environment Module Device)

EMD is a device to be used in conjunction with the NETVISION interface and provides the following features:

- temperature and humidity measurements + dry contact inputs,
- alarm thresholds configurable via Web browser,
- notification of environmental alarm via email and SNMP traps



MODBUS TCP interface

The interface is directly connected to the network via RJ45 connector (10 / 100Mb Ethernet connection).



Dry contact interface

The dry contact interface enables the control of up to three digital inputs and four outputs for information processing:

- 3 insulated inputs (external contacts):
 - emergency stop devices (ESD),
 - operation with generating set,
 - battery protection status.
- 4 change-over contact outputs:
 - general alarm,
 - back-up operation,
 - bypass operation,
 - preventive maintenance request.



These are fully configurable. Depending on the range, several ADC cards can be fitted to the UPS.

BACnet/IP interface

The interface is directly connected to the network via RJ45 connector (10 / 100Mb Ethernet connection).



Serial port interface

Several UPS have RS232 and/or RS485 with JBUS/MODBUS protocol embedded. Should the UPS need an isolated RS485 port, an additional interface card can be used.

- The serial connection interface makes it possible to communicate with BMS systems (Building Management Systems) using JBUS/MODBUS or PROFIBUS/PROFINET protocols (on request).
- All UPS information can be remotely accessed:
 - status, measurements (V, A, kVA, t° ...)
 - alarms, controls.

