Communication software

solutions adapted to your IT architecture

Why UPS management software ?

- Sensitive equipment is continuously exposed to varying levels of interference from their power supply network.
- Securing your installation with a UPS is sometimes insufficient. Often it is also necessary to control and configure the UPS as well as the applications being supplied.
- Today a UPS can be managed in the same way as any other networked peripheral (printer, scanner, etc.) thanks to graphic interfaces that can be used intuitively in the same way as current Web navigation programs.
- When installed on a workstation or server connected to the UPS, communication software allows the system administrator to manage the UPS remotelly.

Management of supplied applications

- Management and monitoring software give users significant advantages in terms of control.
- They make it possible to monitor the main parameters and carry out a shutdown of servers in the event of supply network power outage or other critical situation.

The SOCOMEC UPS guarantee

- Innovative solutions to manage your high quality power supply:
  - HID (Human Interface Device) device local Windows® power management,
  - ***UNI VISION***, local management software,
  - ***UNI VISION PRO***, network management software,
  - ***NET VISION***, Web/SNMP management,
  - ***TOP VISION***, power supply management and monitoring,
  - ***TELESERVICE*** and ***T.SERVICE*** ensure a permanent contact between your equipment and the SOCOMEC UPS maintenance service.
- These solutions are tailored to the specific requirements of applications in different IT environments: both domestic and professional.
- Developed by SOCOMEC UPS, these IT solutions are compatible with the most common operating systems and their different versions.

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Your protection for

- > Data centre
- > Emergency applications
- > Offices
- > Service industries
- > Industry
- > Telecommunications
- > Medical

socomec Innovative Power Solutions UPS

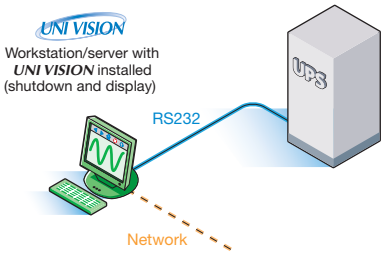
Monitoring and shutdown

- ***UNI VISION***

Software free of charge on the website **www.socomec.com**

UNI VISION software allows the UPS to be managed from a workstation or server. The UPS can also be monitored from the other stations connected to the local network when exists.

The main functions are as follows:
- local and remote UPS monitoring using an internet browser,
- automatic shutdown of local workstations or servers on which ***UNI VISION*** runs,
- events data log (status changes and alarms),
- notification of faults via e-mail to up to 8 addresses.



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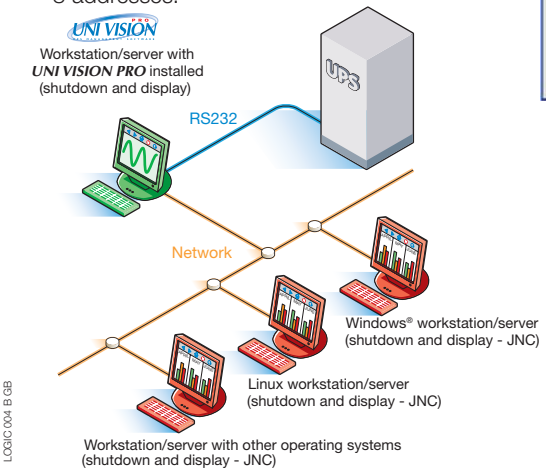
- ***UNI VISION PRO***

Management of a UPS connected to a local server via RS 232

The ***UNI VISION PRO*** software answers to professional need. Similar features of ***UNI VISION***, with several additional function, such as to program and carry out the automatic shutdown of remote server-based workstations connected to the network.

The UPS can also be programmed by networked server-based workstations.

The main functions are as follows:
- UPS monitoring via Web browser,
- local shutdown of the server on which ***UNI VISION PRO*** runs,
- remote shutdown (optional) by Java shutdown client,
- notification of faults via e-mail to up to 8 addresses.



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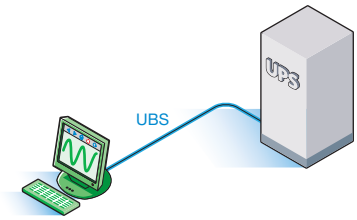
- **HID** (Human Interface Device)

HID allows the UPS to interact directly with Windows® Operative System (OS) power management. Backup time and actions accessible via toolbar.



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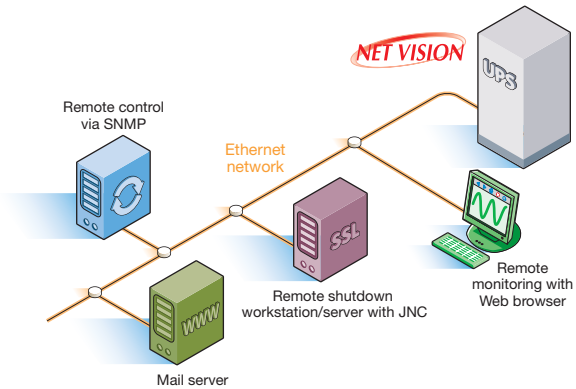
- ***NET VISION***

Direct connection to the Ethernet

NET VISION is a communication and management 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.

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 workstations,
- notification of faults via e-mail to up to 8 addresses,
- UPS management via SNMP protocol (RFC1628 MIB compliant),
- monitoring of the operating environment (optional EMD temperature and humidity sensor). Configurable alarm trigger, notification via e-mail,
- suitable for remote maintenance service ***T.SERVICE***.



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- **EMD** (Environment Module Device)

EMD is a device to be used in conjunction with ***NET VISION*** with the following features:
- temperature and humidity measurements + 2 contact alarms
- can be managed remotely from 2 to 15 metres
- alarm thresholds configurable via Web browser
- notification of environmental alarm via e-mail and SNMP traps.

Monitoring and shutdown (cont.)

Our software offer comprises various cutting-edge solutions for the management of the electric power supply, all developed to satisfy the specific requirements of applications in different environments: residential, business and enterprise.

	UNI VISION free download	HID Windows® power management	*UNI VISION PRO*	*NET VISION*
NETYS PE and *PL*	●			
NETYS PR, UPS-ENTERPRISE	●	●	●	●
MODULYS TW/RK	●		●	●
MODULYS, MASTERYS			●	●
DELPHYS DS and *ELITE*			●	●
DELPHYS MP and *MX*				●

Application software compatibility (via Java Runtime Engine - JRE)

This range of communication software, created directly by SOCOMEC UPS, ensures the maximum compatibility with all the main operating systems and their future releases.

UNI VISION and ***UNI VISION PRO*** must be installed in the computers directly connected to the UPS. The table below shows their compatibility with the OS with Java technology installed.

NET VISION allows a direct interface between the UPS and LAN network avoiding dependence on the server. It is therefore compatible with all networks and multi-OS since it interacts via the Web browser.

JRE is a virtual machine that allows a complete compatibility of programs, such as ***UNI VISION PRO***, among the different OS acting as interpreter. It can be downloaded at www.java.com.

	UNI VISION	UNI VISION PRO
Windows Server™ 2003/XP/2000	●	●
Linux kernel 2.x Intel architecture	●	●
IBM AIX 4.3.3/5.x Rs 6000/PPC architecture		●
HP HP-UX 10.20/11.x PA-RISC architecture		●
Sun Solaris 8/9/10 Sparc architecture		●
Novell 5/6		●

Client shutdown application software compatibility

The UPS back-up time might not always be long enough to cover the whole period of outage. In this case the best way to proceed is to save data and correctly shutdown the machines before the complete absence of the supply.

The client is a small software to be installed in the remote computers. It shows data and executes commands sent by ***UNI VISION PRO*** or ***NET VISION*** via the LAN.

Clients can be native for every single OS, or multi-OS and more advanced features such as "JAVA & .NET Shutdown client" (JNC). It has been developed by SOCOMEC UPS on a JRE platform.

The table below shows the clients' compatibility with the main OSs.

	Client included in standard *NET VISION* suite	JNC client available on request
Windows Server™ 2003/XP/2000	●	●(1)
Novell 4.x	●	
Novell 5/6		●
SCO Unixware 7.0 (intel architecture)	●	
SCO Open Server from version 5.x (intel architecture)	●	
Sun Solaris versions 2.6 to 8.0 (intel architecture)	●	
Sun Solaris 8/9/10 Sparc architecture		●
Linux Kernel 2.2.x or later versions (intel architecture) - Red Hat compatible	●	
Linux kernel 2.x Intel architecture		●
Windows® ME/NT/2000/XP/Server 2003/Vista™	●	
IBM AIX 4.3.3/5.x Rs 6000/PPC architecture		●
IBM AS 400 V4R5		●
HP HP-UX 10.20/11.x PA-RISC architecture		●
Apple Mac Os X JAVA JRE included in OS X		●

(1) Suggested for Windows 2003 Server™.

Monitoring of major installations

Installations integrating a large amount of equipment require centralised management.
SOCOMEC UPS products can communicate using current management protocols: JBUS/MODBUS, MODBUS TCP (IDA), PROFIBUS DP, DEVICENET, SNMP.

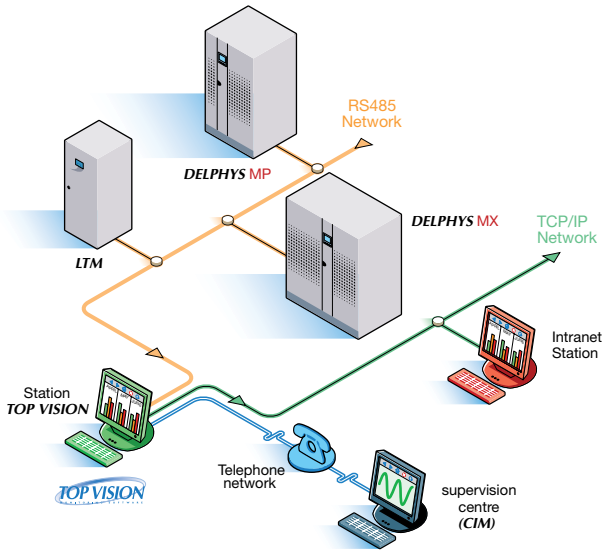
	JBUS/MODBUS protocol Centralised Technical Management	SNMP protocol via *NET VISION*	PROFIBUS or DEVICENET protocol	MODBUS TCP
NETYS PR	●	●		
UPS ENTERPRISE	●	●		
MODULYS	●	●		
MASTERYS	●	●	●	
DELPHYS DS	●	●	●	
DELPHYS MP and MX	●	●	●	●
IT-SWITCH	●		●	
LTM	●		●	●

TOP VISION

Data overview through Windows®

TOP VISION software not only allows supervision of one or several UPS but also any other SOCOMEC UPS equipment installed on your site. Its mimic panel shows UPS status and displays information such as alarms, measurements, power consumption graphs and event log. ***TOP VISION*** also gives access to control commands secured by access code. It has a built-in Web server that gives remote access to any station connected to the Intranet network.

TOP VISION consolidates the data from all the equipment in order to transmit it via the telephone network to the ***CIM*** supervision centre (SOCOMEC UPS Commisioning Inspection and Maintenance).



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Main features

	TOP VISION
COMPATIBILITY	
DELPHYS DS	●
DELPHYS MP	●
DELPHYS MX	●
IT SWITCH	●
LTM	●
CAPABILITIES	
Monitored equipment connected to the ***TOP VISION*** station via RS485 connection	●
UPS and static transfer systems (up to 128 units) managed by a graphic interface	●
Additional RS485 PCI board	●
Microsoft® compatibility®: Windows® 2000, Windows® XP, Windows® XP PRO,	●
Warning message in the event of an alarm (Pop-up)	●
Remote management via Web server (HTML documents)	●
Connection with the ***TELESERVICE*** station via modem (automatic call in the event of an alarm)	●
Data log of equipment monitored	●
Graphic representation of power consumption	●
A completely configurable environment	●