## NetAgent
(connection through RJ45 LAN network)

NetAgent is an SNMP (Simple Network Management Protocol) interface **that enables connection and configuration of the UPS in a LAN computer network.**
The SNMP interfaces for single phase UPS are supplied complete with CD containing the software required to monitor and manage the UPS through the LAN.

NetAgent is available in three versions:
- Mini internal model compatible with **UPS of the EVO RT series (code: FGCNETAG2IN).**
- Internal slot model compatible with **UPS of the EVO DSP MM series (code: FGCNETAG7).**
- External model **to connect to the RS232 port of the UPS (code: FGCNETAG2).**
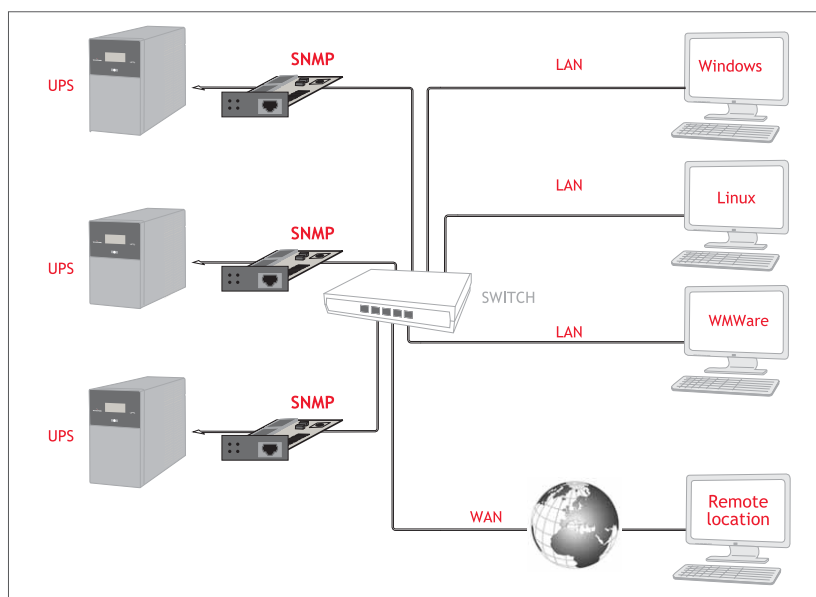
Contents of the CD supplied with the interface:
- Netility: to rapidly configure the IP of the interface and update the firmware (compatible with Windows, Linux and Mac).
- ClientMate: for managing shutdown of the computers connected to the network (compatible with Windows, Linux, Mac, FreeBSD and VMWare).
- SNMPView: to monitor several UPS simultaneously (compatible with Windows).
- UPS MIB: to control and monitor the UPS through SCADA (Supervisory Control and Data Acquisition) systems.

Main features:
- Automatic computer shutdown
- Ordered file saving
- Control and configuration through Telnet, Web Browser or NMS.
- Supports protocols: TCP/IP, UDP, SNMP, Telnet, SNTP, PPP, HTTP and SMTP.
- Simultaneous transmission of SNMP TRAP and e-mails of all events.
- Manages the MIB SNMP to monitor and control the UPS.
- Autoselection 10Mbit/100Mbit Fast Ethernet.
- Forwarding of daily e-mails with the history of UPS events.

IP configuration through Netility   Software ClientMate   NetAgent Web Manager

NetAgent
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Specification SNMP FGCNETAG2IN

Model	INTERNAL SNMP FOR UPS EVO
Code	FGCNETAG2IN
Compatibility	EVO 1.0 RT - 2.0 RT - 3.0 RT
Installation type	Internal
Kit composition	SNMP Interface, CD, installation manual
CD content	Netility, ClientMate, SNMPView, UPS MIB
Warranty	
Standard	24 months

Specification SNMP FGCNETAG2

Model	EXTERNAL SNMP FOR SINGLE PHASE UPS
Code	FGCNETAG2
Compatibility	ERA LCD 1.5 - 2.0 - 2.6 EVO 1.0 RT - 2.0 RT - 3.0 RT, EVO DSP MM
Installation type	External
Kit composition	SNMP interface, CD, installation manual, power supply
CD content	Netility, ClientMate, SNMPView, UPS MIB
Warranty	
Standard	24 months

Specification SNMP FGCNETAG7

Model	SNMP FOR UPS EVO DSP MM
Code	FGCNETAG7
Compatibility	EVO DSP MM 1.2 - 2.4 - 3.6 - 6.0 -10.0 - 6.0 RM - 10.0 RM
Installation type	Internal arranged in slot
Kit composition	SNMP interface, CD, installation manual
CD content	Netility, Clientmate, SNMPView, UPS MIB
Warranty	
Standard	24 months

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Software UPSilon 2000
(connection via RS232 port or USB)

UPSilon 2000 is professional software for the correct management of a UPS. The status of the power supply, the operation of the UPS, the charge level and the efficiency of the batteries **can be controlled in real time through the RS232 serial port or USB**.
In the event of anomalies in the power supply, UPSilon 2000 will automatically proceed to save all the open files and will then close down the operating system and switch off the computer in an ordered manner, before the autonomy runtime of the UPS expires.
In addition, UPSilon 2000 monitors, analyses and records a vast range of parameters related to the operation of the UPS. It visualises in real time, in the form of a graph, the input/output voltage, frequency and charge connected to the UPS, the working temperature and the charge level of the batteries.
UPSilon 2000 is compatible with the UPS of the series ECO STRIP, ERA LCD, EXA and EVO DSP MM.
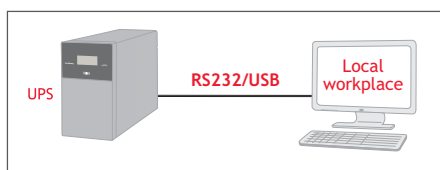
Operating systems supported:
- Windows 2000, 2003 Server, XP, Vista, 2008 Server, 7
- Linux
- Novell Netware 3.x, 4.x, 5.x, 6.x
- Mac OS X
- Unix
- FreeBSD

Main features:
- Detection via RS232 port or USB of the conditions of no power supply or run-down batteries.
- Automatic shutdown of the system when autonomy runtime expires.
- Setting of times for alarm notification and automatic shutdown.
- Complete switch-off of the UPS after shutdown to protect battery capacity.
- Signalling of power supply anomalies via broadcast messages, e-mails and SMS.
- Command file execution.
- Programming of the start/shutdown times.
- Local control via RS232 port or USB.
- Remote viewing via TCP/IP protocol.
- Registration of the events for analysis.
- Multilingual version.

Main window   Block diagrams
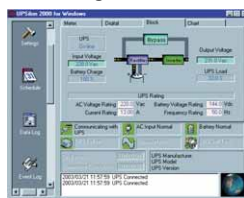
Graphs   Parameter measurements

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DRY CONTACT
SINGLE PHASE UPS

Dry Contact board

Dry Contact board provides a set of relay contacts (Dry Contacts) able to identify UPS alarm status as battery mode, discharged battery, active bypass or general alarm.

The Dry Contact are available in two versions:
- Dry Contact Kit **compatible with UPS EVO RT series (code: FGCEVODRY1)**
- Dry Contact slot **compatible with UPS EVO DSP MM series (code: FGCEVODSDRY3)**
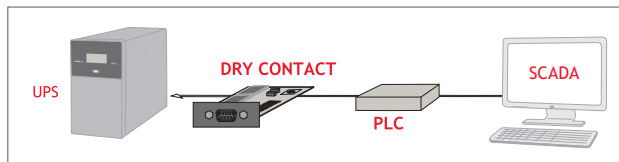
Specification DRY CONTACT FGCEVODRY1

Model	DRY CONTACT FOR EVO 1.0 RT - 2.0 RT - 3.0 RT
Code	FGCEVODRY1
Compatibility	EVO 1.0 RT - 2.0 RT - 3.0 RT
Installation type	Internal
Equipped with	Installation Kit, user manual
Interface connector	Terminal block
Reports	AC fail, Low Battery, Fault, Bypass active
Warranty	
Standard	24 months

Specification DRY CONTACT FGCEVODSDRY3

Model	DRY CONTACT FOR EVO DSP MM
Code	FGCEVODSDRY3
Compatibility	EVO DSP MM 1.2 - 2.4 - 3.6 - 6.0 - 10.0 - 6.0 RM - 10.0 RM
Installation type	Internal arranged in slot
Equipped with	Dry Contact interface, user manual
Interface connector	Terminal block DB9 female
Reports	AC fail, Low Battery, Fault, Bypass active
Warranty	
Standard	24 months

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SNMP INTERFACES AND SOFTWARE FOR EVO DSP TM/TT

NetAgent
(connection through RJ45 LAN network)

The SNMP (Simple Network Management Protocol) interface **enables connection and configuration of the UPS in a LAN computer network.**
The SNMP interface for UPS EVO DSP TT and TM is an internal slot model **(code FGCNETAG6)** that does not require any software for managing and viewing the operational status of the UPS.
The IP can in fact be configured through the browser to set up a dialogue with the UPS, carry out battery tests, checks on the UPS operation, scheduling of shutdowns and starts, and the forwarding via e-mail or SMS of information on the operational status.
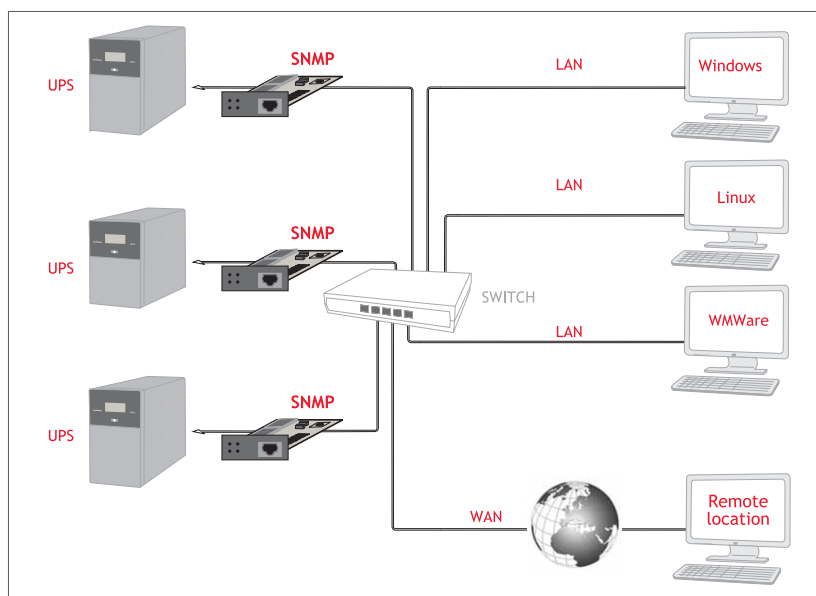
Main features:
- Risc 32 bit processor.
- Control and configuration through Telnet, Web Browser.
- Supports protocols: IPv4/6, TCP/IP, SNMP, HTTP and SMTP.
- Simultaneous transmission of SNMP TRAP and e-mails of all events.
- Manages the MIB SNMP to monitor and control the UPS (RFC1628).
- Autoselection 10Mbit/100Mbit Fast Ethernet.
- Management of history of events and data.
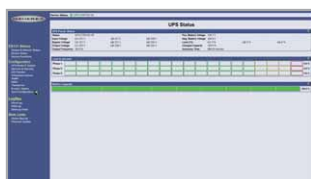
Operational status of the UPS   System status   Events configuration

Specification SNMP FGCNETAG6

Model	INTERNAL SNMP FOR UPS EVO DSP TM/TT
Code	FGCNETAG6
Compatibility	EVO DSP TM/TT
Installation type	Internal arranged in slot
Kit composition	Installation manual
Warranty	
Standard	24 months

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UPS Management
(code FGCSWUMSU)

UPS Management is a set of software contained in a CD that can be used to interface with the NetAgent card (code FGCNETAG6).

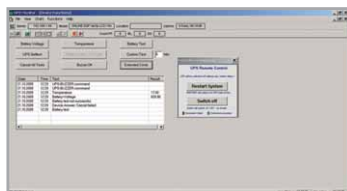Contents of the UPS Management CD:
- UPSMAN: advanced software for monitoring the operational status of the UPS.
- RCCMD: for managing shutdown of the computers connected to the network.
- 1 licence for the RCCMD software.

In order to manage a number of computers on the network, an RCCMD licence must be purchased for each computer **(licence code FGCSWUMMS).**
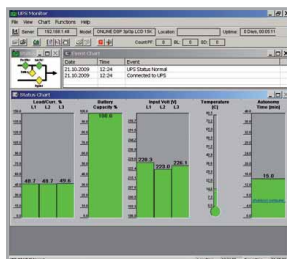
Main features:
- Automatic shutdown of the computers (via RCCMD).
- Ordered file saving.
- Management of an unlimited number of clients.
- Management of events.
- Security measures for client utilisation.

Control interface

Graphs

Operational status of the UPS

Specification Software FGCSWUMSU

Model	SOFTWARE UPSMAN INTERFACING UPS
Code	FGCSWUMSU
UPS compatibility	EVO DSP TM/TT
Contents	Upsman UPS management + RCCMD Client for Client management + 1 license for RCCMD
SO compatibility	Windows, Unix System, Mac OS X

Specification Software FGCSWUMMS

Model	LICENCE FOR RCCMD CLIENT
Code	FGCSWUMMS
UPS compatibility	EVO DSP TM/TT
Contenuts	License for RCCMD Client
SO compatibility	Windows, Unix System, Mac OS X

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REMOTE PANEL
FOR EVO DSP TM/TT

Remote panel

The Tecnoware remote panel (code FGCEVODSRP1) **is compatible with the UPS of the series EVO DSP TM/TT.**
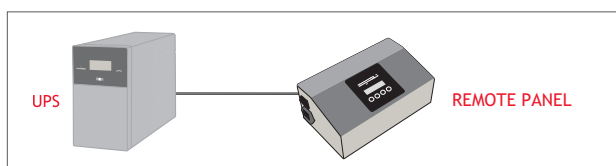
It enables the operational values of the UPS to be viewed and monitored even from a remote location. The remote panel is connected to the UPS by a serial cable. Depending on the installation distance, one of the two available communication standards - RS232 or RS485 - can be selected.
If the length of the cable is 25 m or less then the RS232 should be used; if the length of the cable is over 25 m (up to a maximum of 100 m) then the RS485 communication must be used.
For distances of up to 25 m Tecnoware can supply a suitable cable **(product code: FGCEVODSCARP1)**.
The remote panel has an internal battery that guarantees continuity even in the event of blackouts, so as to ensure control of the UPS even in the case of power cuts.
It is also possible to control the history of events, launch battery tests and monitor the battery status from the remote panel.

Specification FGCEVODSRP1

Model	REMOTE PANEL FOR UPS EVO DSP TM/TT
Code	FGCEVODSRP1
UPS Compatibility	EVO DSP TM/TT
Features and specification	Powered by AC mains - Internal battery to ensure the correct functioning in case of blackout - Complete control of UPS and interaction with UPS by remoting LCD display and leds to visualise UPS operating modes
Warranty	
Standard	12 months

Specification FGCEVODSCARP1

Model	REMOTE PANEL CABLE FOR EVO DSP LENGHT 25M
Code	FGCEVODSCARP1
UPS Compatibility	EVO DSP TM/TT
Length	25 m
Connector type	DB9-RS232
Warranty	
Standard	12 months

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REFURBISHED COMPONENTS

RoHS COMPLIANT