Net *Agent II*

The best power management over networking for UPS

MegaTec integrated various communication protocols over networking enable equipment's real-time remotely monitoring and management via Net Agent II, the new generation implement.

Operating Systems Protected

IBM PC Compatible Operating System
MS-DOS
MS-W indows 95 / 98 / NT / 2000 / ME
Novell NetWare
Linux, FreeBSD

Operating System for UNIX
DEC Digital UNIX
DEC OSF/1
DEC ULTRIX
FreeBSD, HP HP-UX
IBM AIX, Linux
Linux Redhat
Motorola AIX
SCO UNIX, SCO UnixWare
SCO XENIX, SGI IRIX
SUN OS (SPARC, ULTRA)
SUN Solaris (SUN OS)
SUN Solaris (SPARC, ULTRA, x86)
DEC ULTRIX
NEC SVR4
Motorola SVR4

Advantages

Provide SNMP MIB to monitor & control UPS
Auto-sense 10 Base-T/100M Fast Ethernet
Manage and configure via Telnet, Web Browser or NMS
Support TCP/IP, UDP, SNMP, Telnet, SNTP, PPP, HTTP, SMTP Protocol
Providing easy setup and upgrade tools via MS-Windows, no more traditional RS232 complicated setting nightmare.
Sending TRAP and E-mail for events notification simultaneously
Auto email daily UPS history report
Environment Measurement (Optional)
External modem dial in/out via PPP protocol (Optional)

NMS Supported

HP OpenView
SUN SunNet Manager
IBM NetView
Novell NMS
Accton AccView
MegaTec SNMPView
(Other SNMP Compliant NMSs)

System Requirements

A UPS with an available communication port
A computer for configuration use only
An available physical connection to the existing network
NMS (Network Management Station) compliant with SNMP

(Net Agent II for UPS monitoring screen)

Mega System Technologies, Inc.
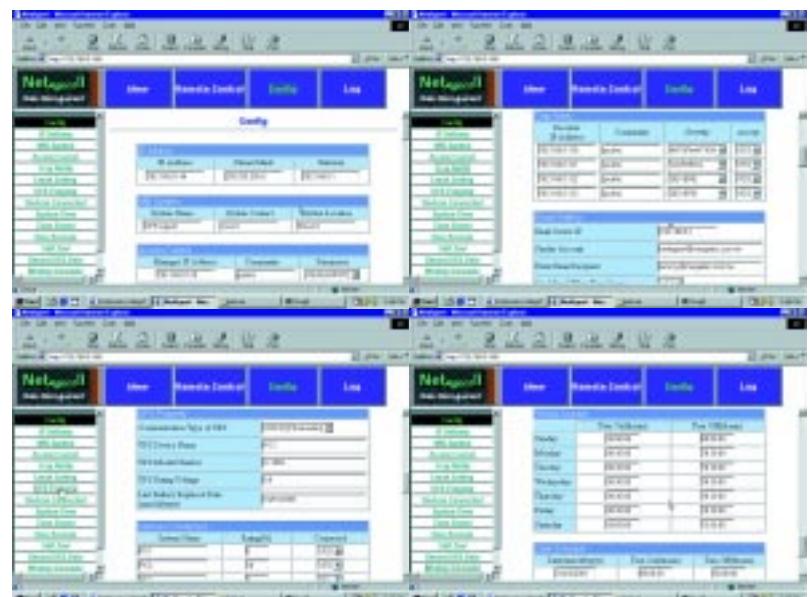
Net *Agent* II

UPS Monitoring / LAN & Internet

SNMP vs. NMS for UPS Monitoring

(Design for both Contact Closure UPS and RS232 with MegaTec protocol UPS)

Net Agent II provides PPC & RFC1213 MIB performs monitor and management UPS accomplished by SNMP compliant NMS such as HP Open view, SUN SunNet Manager, IBM NetView, Novell NMS, Accton AccView and others; also support Web Browser as Netscape, Microsoft Internet Explore and other compliant Browsers.

Net Agent II allow multiple clients PC to monitor one UPS under safety protection in cooperate with series of RUPS or UPSilon monitoring software for real-time status monitoring, event log records, file saving and schedule shutdown, meanwhile, easy configurable via Web Browser or network. Besides, it will automatically send you daily UPS history report by email for reference.

Net Agent II vs. LAN / Internet

Net Agent II equipped UTP RJ45 plug for 10Base-T or 100M Fast Ethernet connecting through TCP/IP, UDP, SNMP, HTTP, Telnet, SNTP, PPP or SMTP protocol to LAN and WAN.

Besides, it provides RS232 port connect with modem to dial in/out via PPP protocol access Internet connection. It can schedule dial out to send email & award user dynamic IP address enable user monitor the UPS via browser, when without lease line.

Net Agent II Specification	
CPU	ARM 32-bit RISC-based processor 33/50 MHz
RAM	4MB up to 16MB
Flash ROM	512KB up to 4.5 MB
Lan Interface	UTP 10/100M Fast Ethernet Auto-sense
Serial Port	Two high speed RS232 Port
SNMP MIB	RFC1213, UPS MIB
Protocol	TCP/IP, UDP, SNMP, Telnet, SNTP, PPP, HTTP, SMTP
LED	Power, Link, Error
Power Supply	7.5-9V
Environment	Operating temperature: 0 to 60C

Meanwhile, subsidiary software of "SNMP View" enables users to get all of UPS real-time status for remote management and configuration.
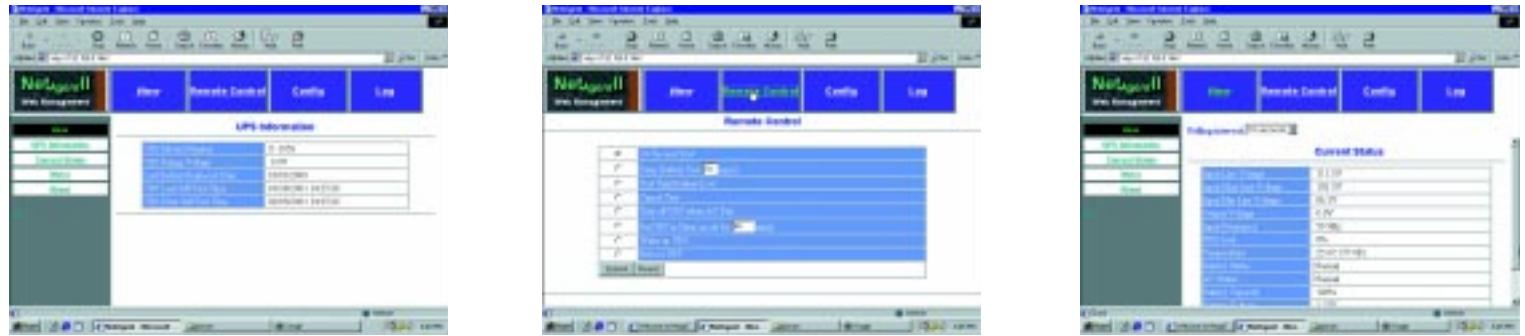
Net Agent II vs. Environment Measurement

Net Agent II designed in additional function for environment measure monitoring such as ambient temperature, relative humidity, smokes and water accumulated for best environmental monitoring.

In attentive consideration, when Net Agent II sending any events traps, it sending Email for notification simultaneously to all indicated Email address. More attractive is, MegaTec offer easy setup tools via MS-Windows, no more tradition RS232 complicated setting nightmares.

Net Agent II is not only networking equipment, it lead equipment management leap into far-reaching remote monitoring without worker watch beside. Application on UPS, apparatus, chemical, electrical machine, environment measurement etc.

/ *Environment Measurement*

NetAgent II Connection Topology

RS232

UPS

NetAgent II &
NetAgent II Internal Card

Measure Adapter

Ambient Temperature, relative humidity and four alarm zones

Modem

PBX

Paging

Beep Pager

PPP Protocol

ISP
World Wide Internet

NMS
Web Browser
SNMPView

SNMP, HTTP
Telnet, SMTP
TCP/IP, UDP

Hub

Modem

Direct Dial Up

Phone Jack for Measurement

Phone Jack for RS232

RJ45 8P UTP for 10/100M Ethernet

Intranet or Lan

SNMPView

Web Browser