

# **NetAgent**

UPS SNMP Agent

User's Manual

## **User Guide for NetAgent**

Version 7.0

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# **Chapter 1. Introduction**

## **1.1 Features**

NetAgent is the SNMP (Simple Network Management Protocol) card for monitoring UPS. Not only could remote control the UPS and get the current status of it, the NetAgent that has 3 ports or USB ports could also provide other functions, ex. connect to compatible modem to send SMS notification, or our NetFeeler II and its additional sensors for ambient temperature, humidity and water status. This product is for “Contact Closure” and “RS232” interface UPS. The communication protocol includes the Contact Closure, RS232[MegaTec], Phoenixtec], SEC 2400, SEC 9600, Megatec Three Phase, ..etc. NetAgent provides a simple and easy installation procedure. CD provides along with NetAgent offers several software to allow the user to configure IP address; central monitoring and multi shutdown on different operating systems. Other advance configurations could be accomplished in the Web browser.

Features:

- ❶ Provide SNMP MIB to monitor & control UPS
- ❷ Auto-sense 10M /100M Fast Ethernet (*10M/100M/1000M is available for specific model*)
- ❸ Manage and configure via Telnet, Web Browser or NMS
- ❹ Support TCP/IP, UDP, SNMP, Telnet, SNTP, PPP, HTTP, HTTPS, SMTP, Modbus Protocol
- ❺ Support SSL/TLS, SSH Encryption
- ❻ Providing easy setup and upgrade tools via our Netility software
- ❼ Send SNMP TRAP ; E-mail and SMS for events notification.
- ❽ Auto email daily UPS history report
- ❾ Perform graceful shutdown with our ClientMate software
- ❿ Add-on optional NetFeeler II for temperature, humidity, water, smoke and door sensor

## **1.2 Applications**

### **■ NetAgent allows UPS to be monitor on network**

When the UPS connects with NetAgent, the system manager could check each and every UPS condition by a computer with Browser installed. The manager could monitor and control the UPS by simply input the IP address of the NetAgent which connects to the UPS. When there is a power abnormal condition happens, the NetAgent could also send the trap information to the system manager to take proper action.

### **■ NetAgent Provides Shutdown Utilities**

When a computer install our shutdown software in the network that connects to the NetAgent, when UPS is in AC failure condition or Battery Low condition, the software would close all the files of the operating system and shutdown gracefully. This could avoid system corrupt when a power disconnection happened.

### **■ NetAgent II for Surrounding Monitoring**

3 Ports NetAgent or NetAgent with USB ports could connect to optional sensor-NetFeeler II to get the surrounding temperature/humidity/smoke/fire signals. These information could also be revealed on the NetAgent Web page. When there is an abnormal condition happened, it could also be sent as a trap to the system manager.

When we need the NetAgent?

- ❶ When we need to remote monitoring and controls the UPS conditions. For example, the system manager could use the Internet to control all the UPS conditions all over the country. When the shutdown utility is installed, the shutdown utility could close all the files and shutdown the system when a power abnormal condition happened.
- ❷ When we need to monitor surrounding conditions of the server room, warehouse, office, etc. For example, the system manager could know the temperature, humidity, smoke and water condition by our NetFeeler II which connects with NetAgent. User may read the data via NetAgent webpage.

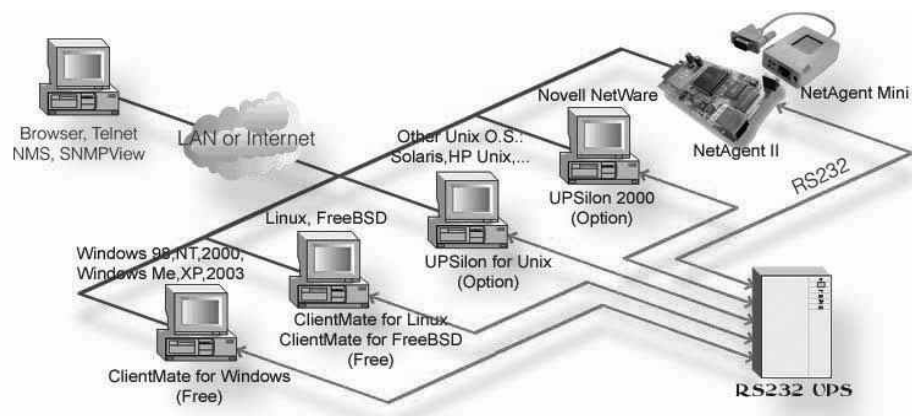


Fig.1 Network connection diagram of NetAgent and shutdown software

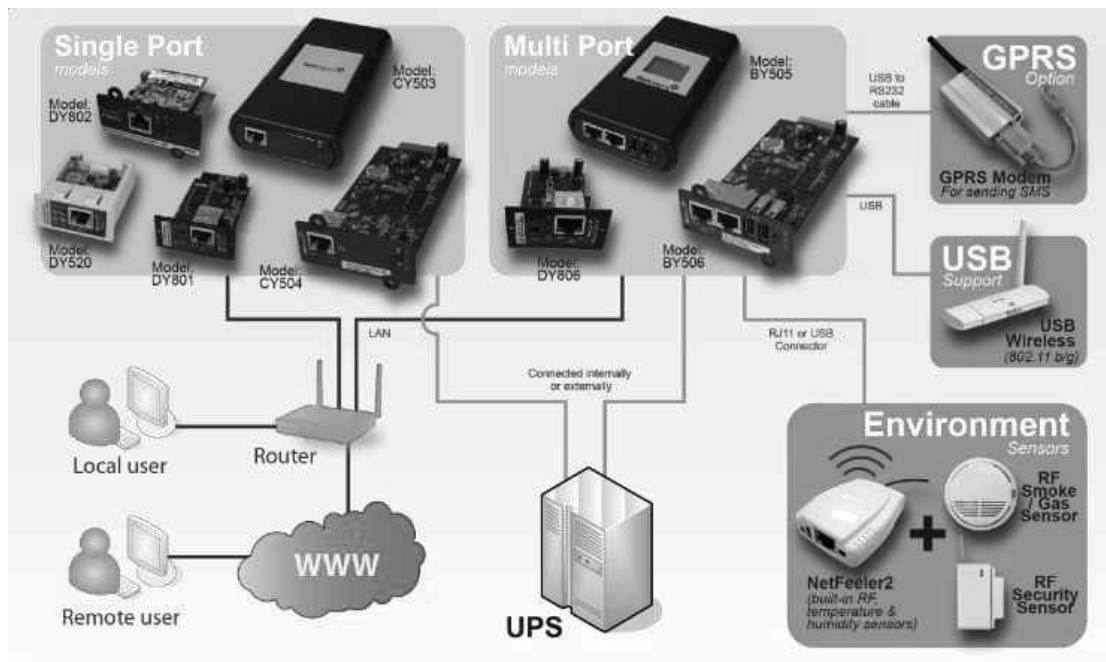


Fig.2 NetAgent 9 connection diagram with NetFeeler

## Chapter 2. NetAgent Series

### 2.1 NetAgent Mini

NetAgent Mini Model									
Model Name	Package Contents	Internal	External	RJ45 Port	RS232 Port	ENV Port	USB Port	Single Phase	Three Phase
<b>DP520</b> <b>DT520</b>	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DP801</b> <b>DT801</b>	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DP802</b> <b>DT802</b>	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DP522</b> <b>DT522</b>	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V
<b>DP523</b> <b>DT523</b> (Dry Contact Only)	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V
<b>DP532</b> <b>DT532</b>	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V
<b>DP630</b>	1. USB NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V

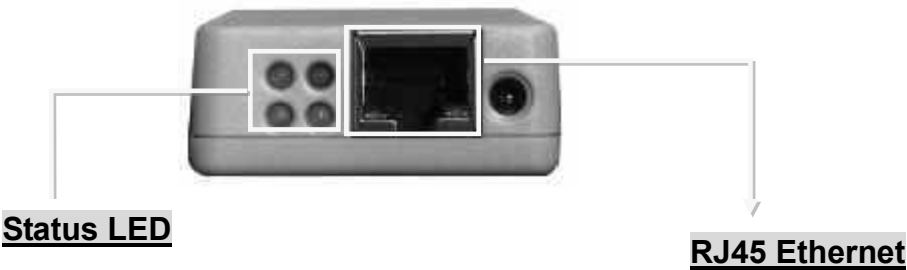






2.1.1 NetAgent Mini Outlook


DP/DT520	DP/DT522	DP/DT523	DP/DT532
			
DP/DT801	DP/DT802	DP630	
			



2.1.2 NetAgent Mini LED Indication



<b>Amber</b> 		<b>Red</b> 	
<b>Communication</b>		<b>Connection Status with UPS</b>	
<b>Flashing</b>		<b>Flashing</b>	<b>Off</b>
Transferring data with UPS		Lost connection	Connecting with UPS
<b>Green</b> 		<b>Yellow</b> 	
<b>Power Status</b>		<b>NetAgent Mini Status</b>	
<b>On</b>	<b>Off</b>	<b>On</b>	<b>Off</b>
Normal	No Power	Operating	Stop working

	
<b>Green</b>	
<b>On</b>	<b>Flashing</b>
100 Mbps	Sending/Receiving Data
<b>Yellow</b>	
<b>On</b>	<b>Flashing</b>
10 Mbps	Sending/Receiving Data





NOTE : When writing firmware, red and yellow led alternating flashing, DO NOT remove any power

## 2.2 NetAgent II Models

NetAgent II Model									
Model Name	Package Content	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
<b>CP503</b> <b>CT503</b>	1. NetAgent SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2501 Cable( For Dry Contact UPS) 5. M2502 or M2505 Cable(For RS232 UPS) 6. Adaptor		V	V				V	V
<b>CP504</b> <b>CT504</b>	1. NetAgent SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>BT505</b>	1. NetAgent SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2501 Cable( For Dry Contact UPS) 5. M2502 or M2505 Cable(For RS232 UPS) 6. M2506 Cable (For Modem) 7. Adaptor		V	V	V	V		V	V
<b>BT506</b>	1. NetAgent SNMP Card 2. NetAgent utility CD 3. Quick Installation Guide (Optional) 4. M2506 Cable (For Modem) 5. Adaptor	V		V	V	V		V	V

**NOTE :** Model CP/CT are discontinued.

### 2.2.1 NetAgent II Outlook

CP/CT 503	CP/CT 504
	
BT505	BT506
	

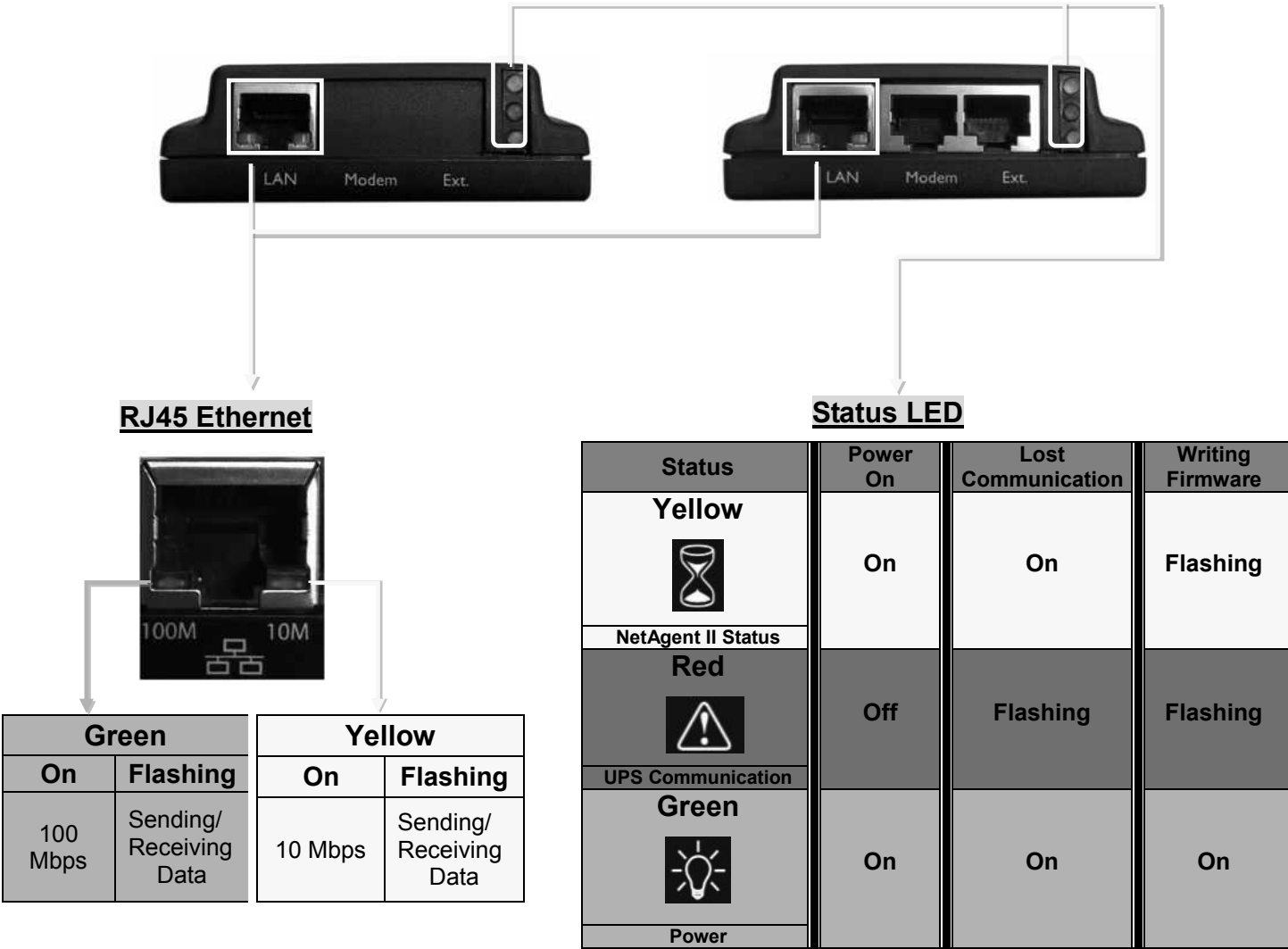
◆ One Port NetAgent II



◆ Three Ports NetAgent II



2.2.2 NetAgent II Led Indication



NOTE : When writing firmware, red and yellow led alternating flashing, DO NOT remove any power



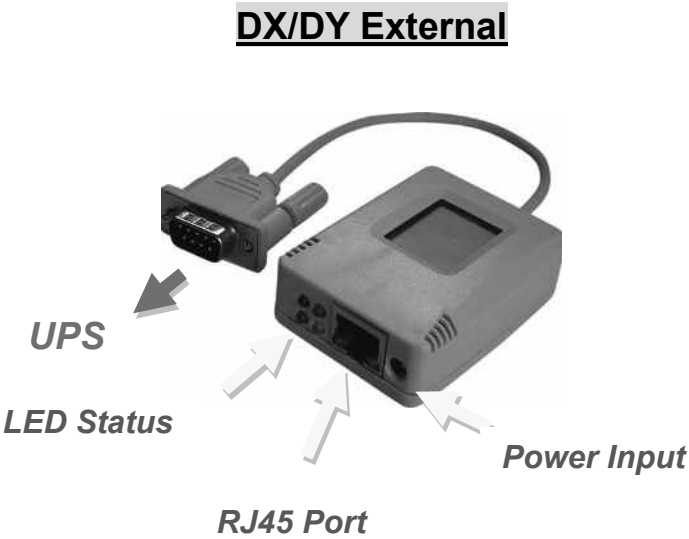
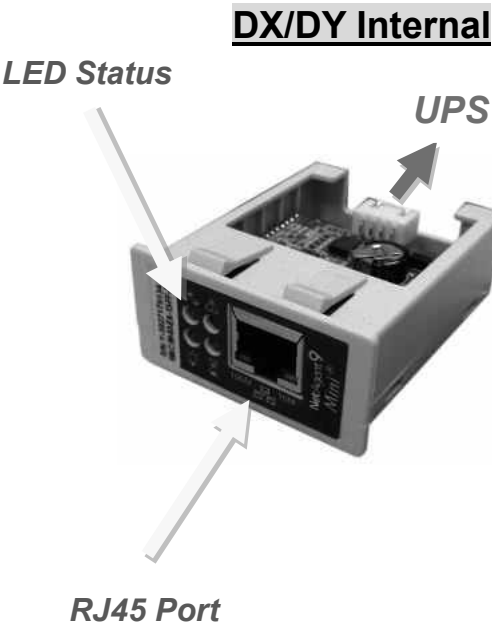
## 2.3 NetAgent Mini 9/ NetAgent 9

### NetAgent Mini 9 Models

NetAgent Mini 9 Model									
Model Name	Package Contents	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
<b>DX520</b> <b>DY520</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DX801</b> <b>DY801</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DX802</b> <b>DY802</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DX806</b> <b>DY806</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2509 Cable (USB)	V		V			V	V	V
<b>DY807</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V			V	V	V
<b>DX522</b> <b>DY522</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V
<b>DX523</b> <b>DY523</b> (Dry Contact Only)	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V
<b>DX532</b> <b>DY532</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V
<b>DX630</b> <b>DY630</b>	1. USB NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. Adaptor		V	V				V	V

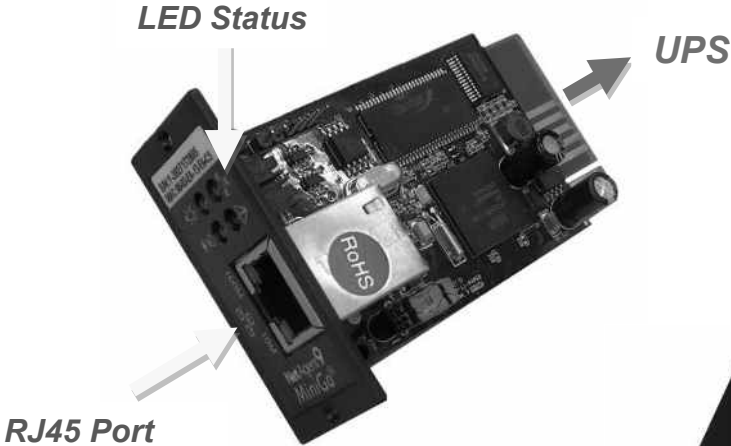
2.3.1 NetAgent Mini 9 Outlook

NetAgent Mini 9 Series			
DX/DY 520	DX/DY 522	DX/DY 523	DX/DY 532
			
DX/DY 801	DX/DY 802	DX/DY 806	DY 807
			
DX/DY 630			
			





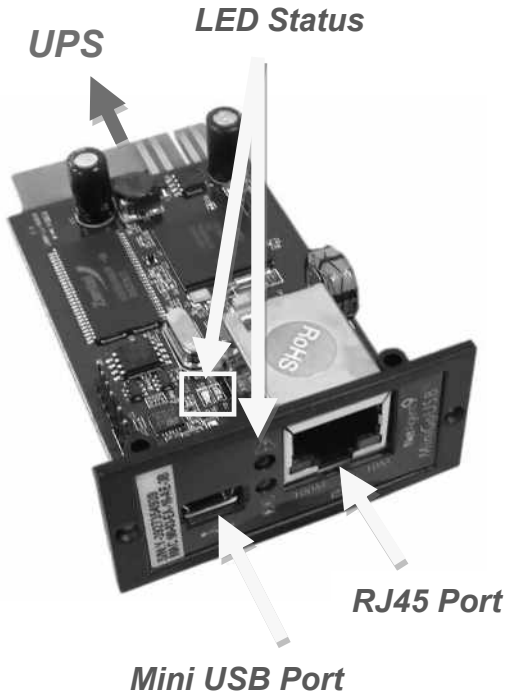
**DX/DY 801**



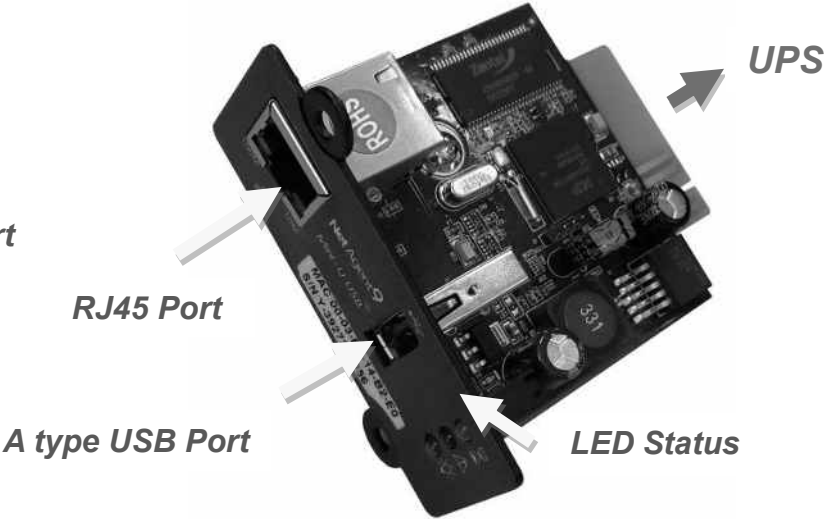
**DX/DY 802**




**DX/DY 806**




**DY 807**





2.3.2 NetAgent Mini 9 LED Indication





**Status LED**

Amber	
	
Communication	
Flashing	
Transferring data with UPS	

Red	
	
Connection Status with UPS	
Flashing	Off
Lost connection	Connecting with UPS

Green	
	
Power Status	
On	Off
Normal	No Power

Yellow	
	
NetAgent Mini Status	
On	Off
Operating	Stop working





**RJ45 Ethernet**



Green	
On	Flashing
100 Mbps	Sending/Receiving Data

Yellow	
On	Flashing
10 Mbps	Sending/Receiving Data


NOTE : When writing firmware, red led alternating flashing, DO NOT remove any power






D5		D4	
Green		Blue	
			
Power		Communication	
On	Off	Flashing	
Normal	No Power	Sending/Receiving Data	

Red	
	
UPS connection	
Flashing	Off
Lost connection	Connecting with UPS
Yellow	
	
NetAgent Mini 9 Status	
On	Off
Operating	Stop Working



D4	
Blue	
	
Communication Status	
Flashing	
Sending/Receiving Data	







Status	Power On	Lost Communication	Writing Firmware
Yellow 	On	On	Off
NetAgent Mini 9 Status			
Red 	Off	Flashing	Flashing
UPS Communication			
Green 	On	On	On
Power			

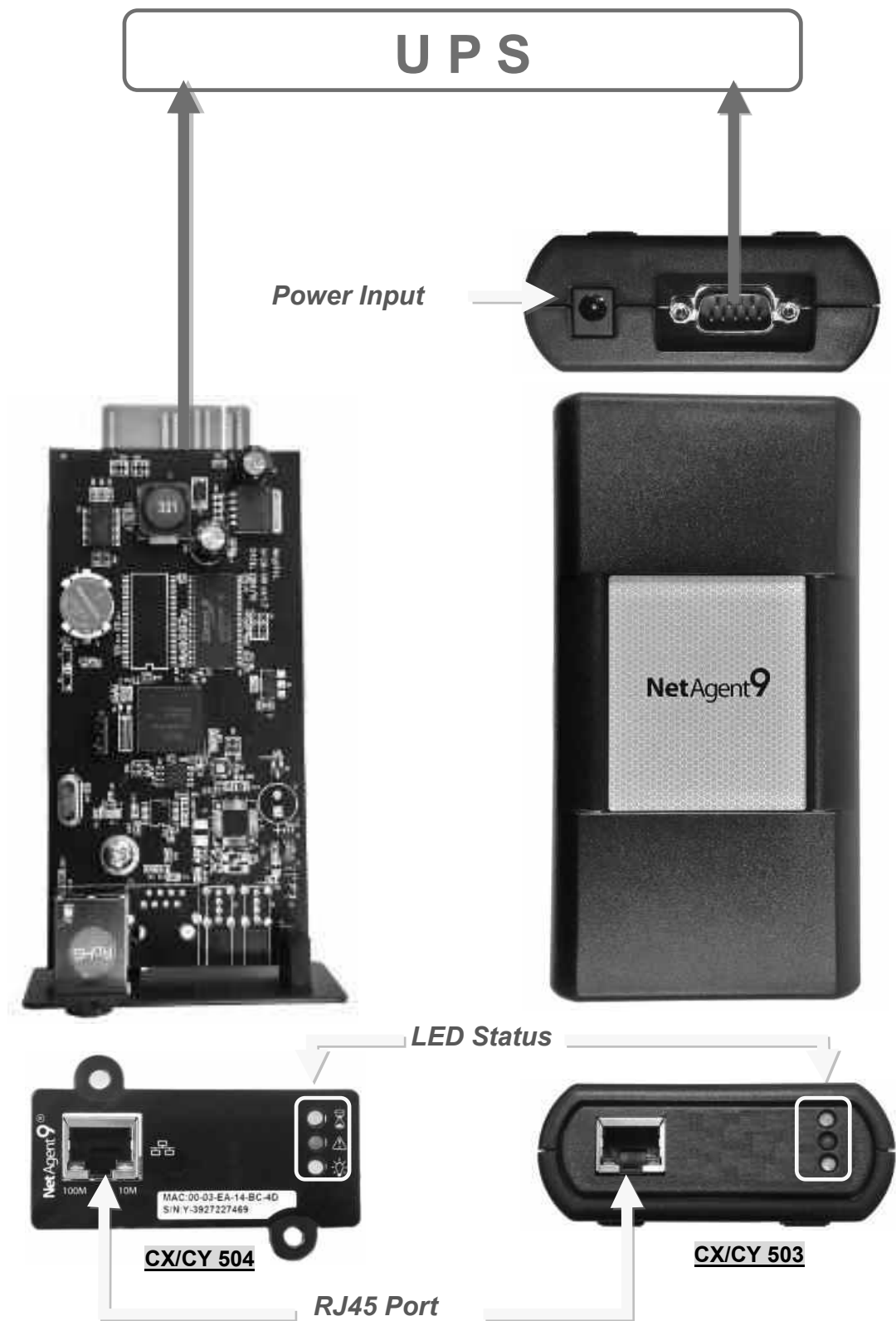
## 2.4 NetAgent 9 Series

NetAgent 9 Model									
Model Name	Package Contents	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
<b>CX/CY 503</b>	1. NetAgent 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2501 Cable(For Dry Contact UPS) 5. M2502or M2505 Cable(For RS232 UPS) 6. Adaptor		V	V				V	V
<b>CX/CY 504</b>	1. NetAgent 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>BX/BY 505</b>	1. NetAgent 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2501 Cable(For Dry Contact UPS) 5. M2502 or M2505 Cable(For RS232 UPS) 6. M2506 Cable ( For ModBus on RS485) 7. RS485 Converter board 8. Adaptor		V	V		V	V	V	V
<b>BX/BY 506</b>	1. NetAgent 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2506 Cable ( For ModBus on RS485) 5. RS485 Converter board	V		V		V	V	V	V

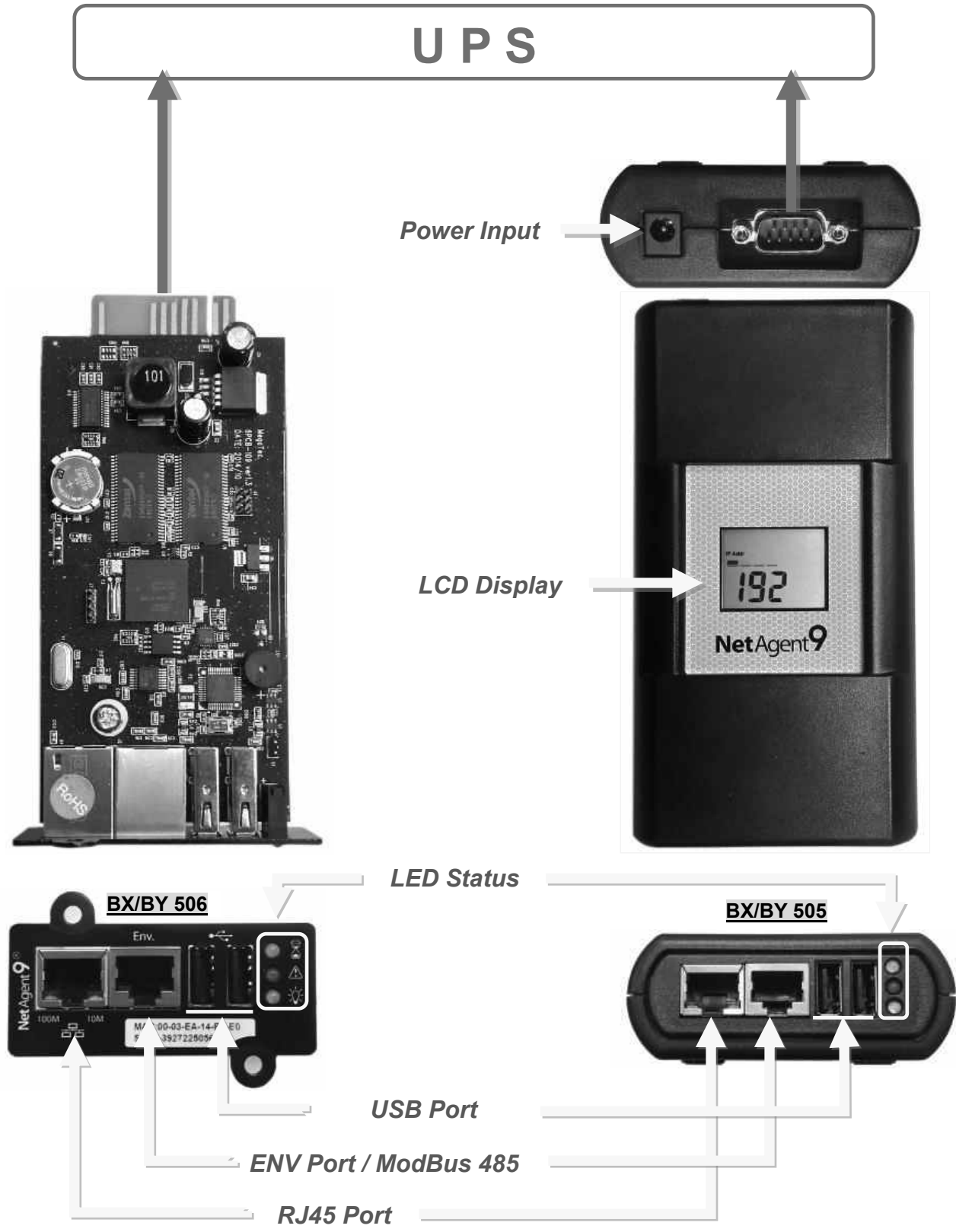
### 2.4.1 NetAgent 9 Outlook

CX/CY 503	CX/CY 504
	
BX/BY 505	BX/BY 506
	

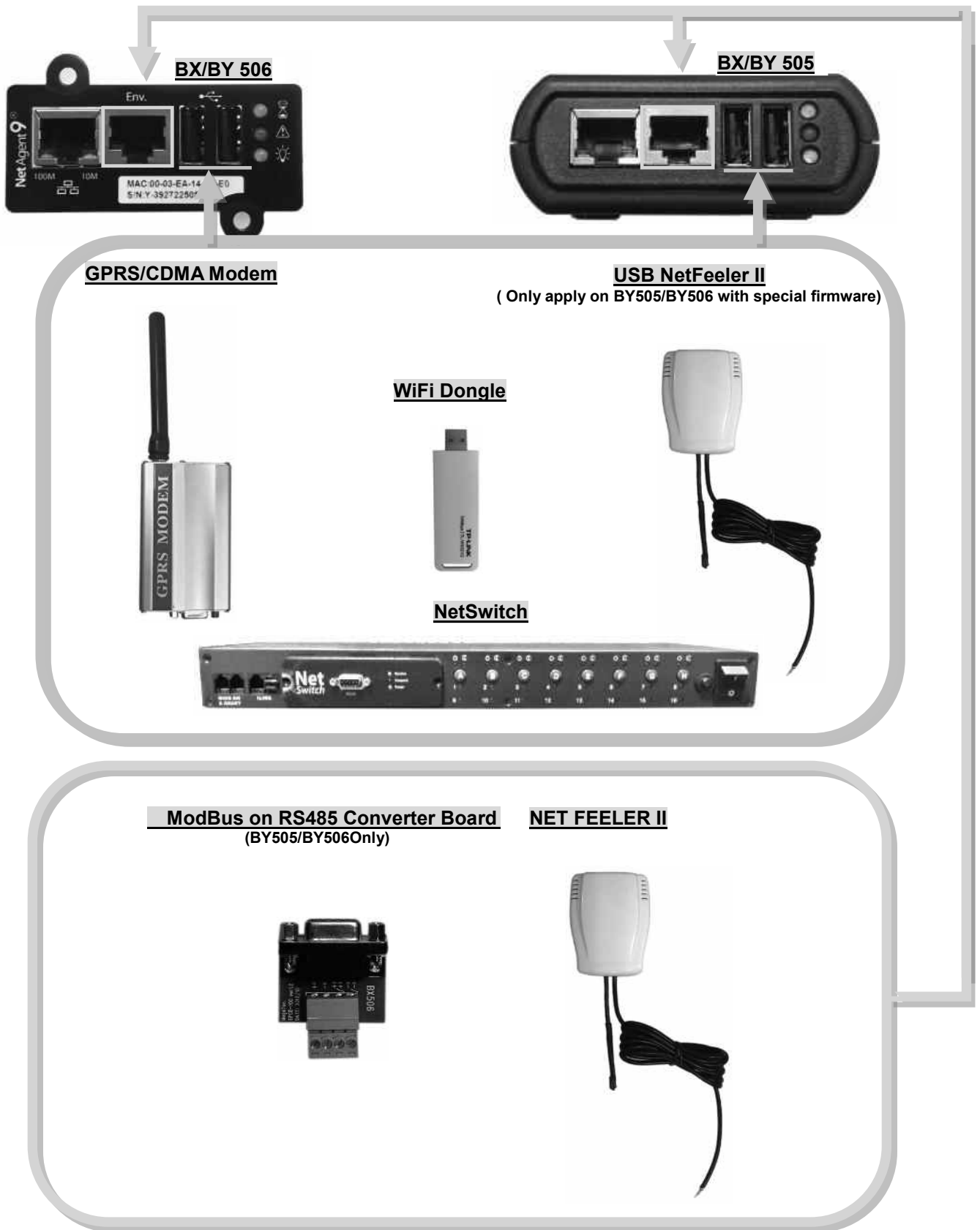
◆ One Port NetAgent 9



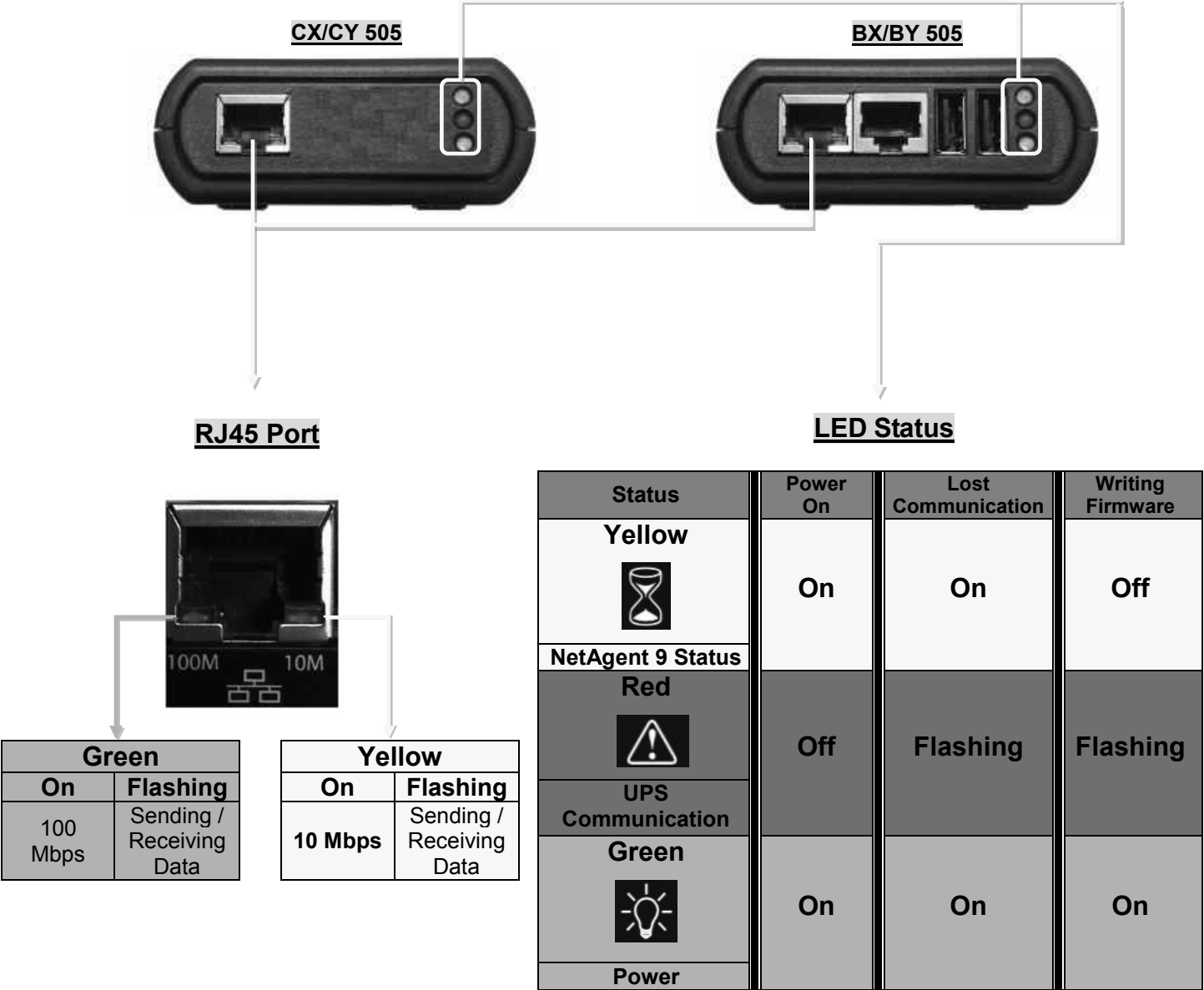
◆ NetAgent 9 W/USB Ports



## ◆ NetAgent 9 USB Port Add-On



2.4.2 NetAgent 9 LED Indication



NOTE : When writing firmware, red led alternating flashing, DO NOT remove any power





## 2.5 NetAgent Mini 9 / NetAgent 9 Package Accessories

### (1) Utility CD

CD Contents :



- |                      |   |
|----------------------|---|
| ■ <b>Netility</b>    | - NetAgent Software too – IP configuration / Firmware Upgrade |
| ■ <b>ClientMate</b>  | - Shutdown Software   |
| ■ <b>SMS Server</b>  | - SMS Notification Software (with compatible Modem)           |
| ■ <b>SNMPView</b>    | - NMS Software/ Multi Monitoring                              |
| ■ <b>Time Server</b> | - Time ServerSoftware   |
| ■ <b>iMConfig</b>    | - Multi Configuration Software                                |

### (2) Quick Installation Guide (Optional)



### (3) Adaptor



5.3V

*For NetAgent Mini Series*



9V

*For NetAgent 9 Series*

### (4) ModBus On RS485 Coverter Board



### (5) Cables

- **M2501** – For connection between NetAgent and dry contact UPS



- **M2502** – For connection between NetAgent and RS232 pin 6,7,9 UPS



- **M2505** –For connection between NetAgent and RS232 pin 2,3,5 UPS



- **M2506** – For connection between NetAgent and GPRS / CDMA modem



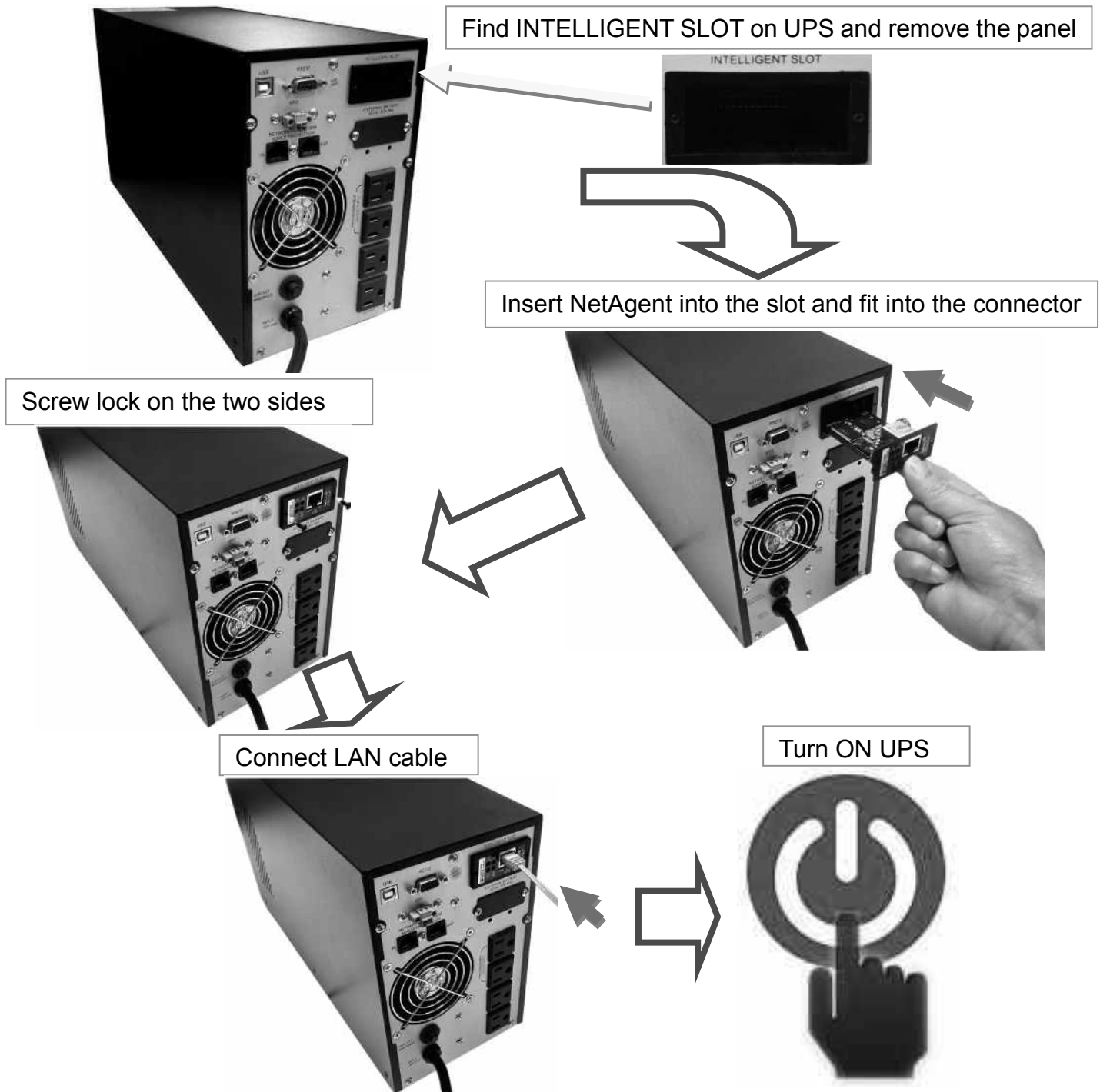
## Chapter 3. NetAgent Installation

### 3.1 Hardware Installation

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#### ■ Internal NetAgent

✱ NOTE : Turn Off UPS Power before installation



## ■ External NetAgent Mini

- ✱ Turn Off UPS Power before installation



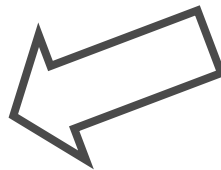
Find RS232 port on UPS



Attach and screw NetAgent's RS232 connector on it



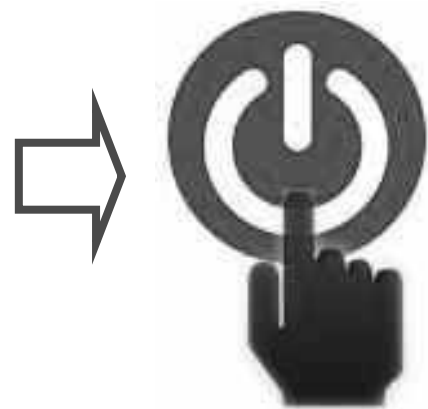
Connect LAN cable



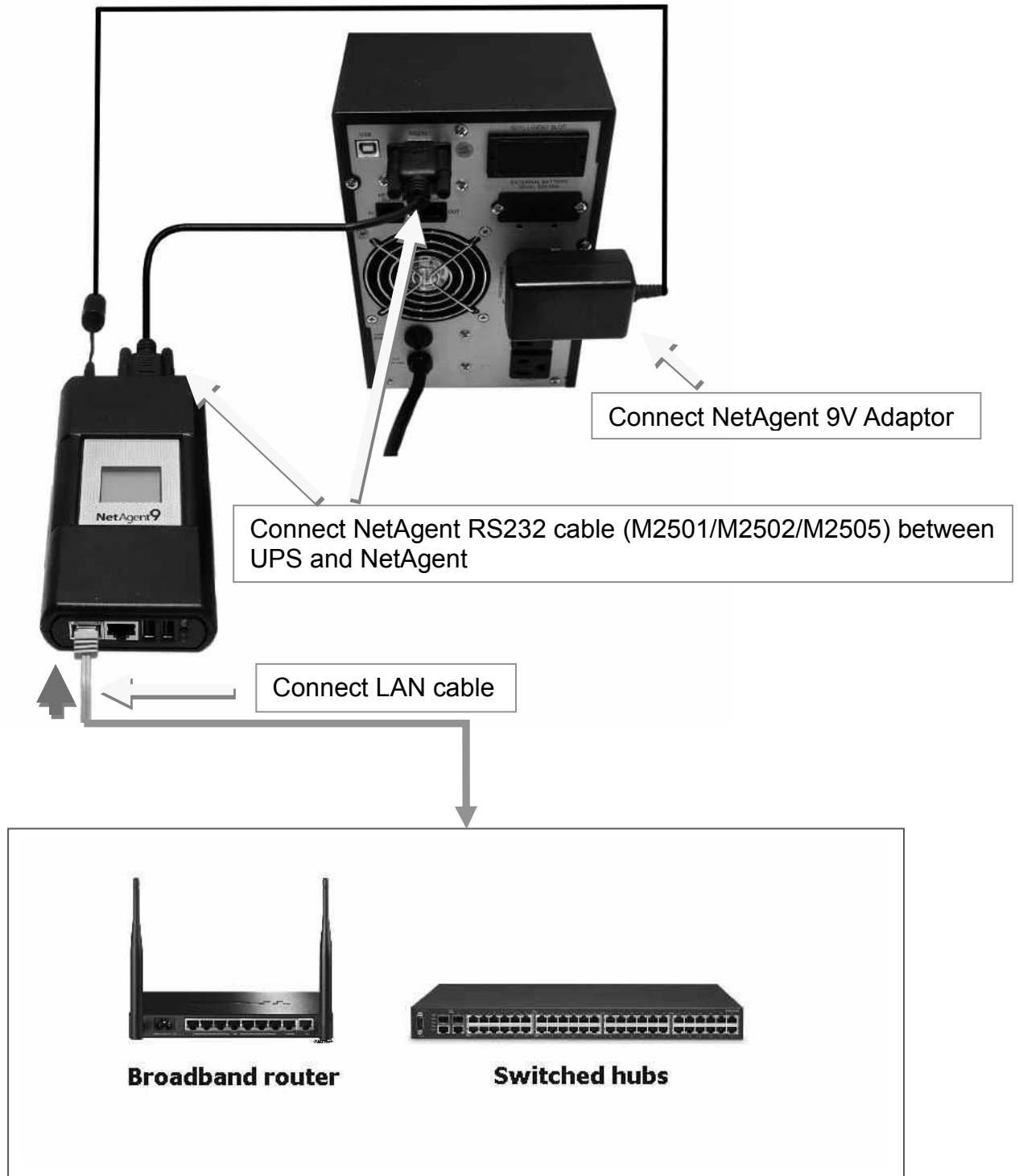
Connect NetAgent Mini 5.3V adaptor



Turn ON UPS

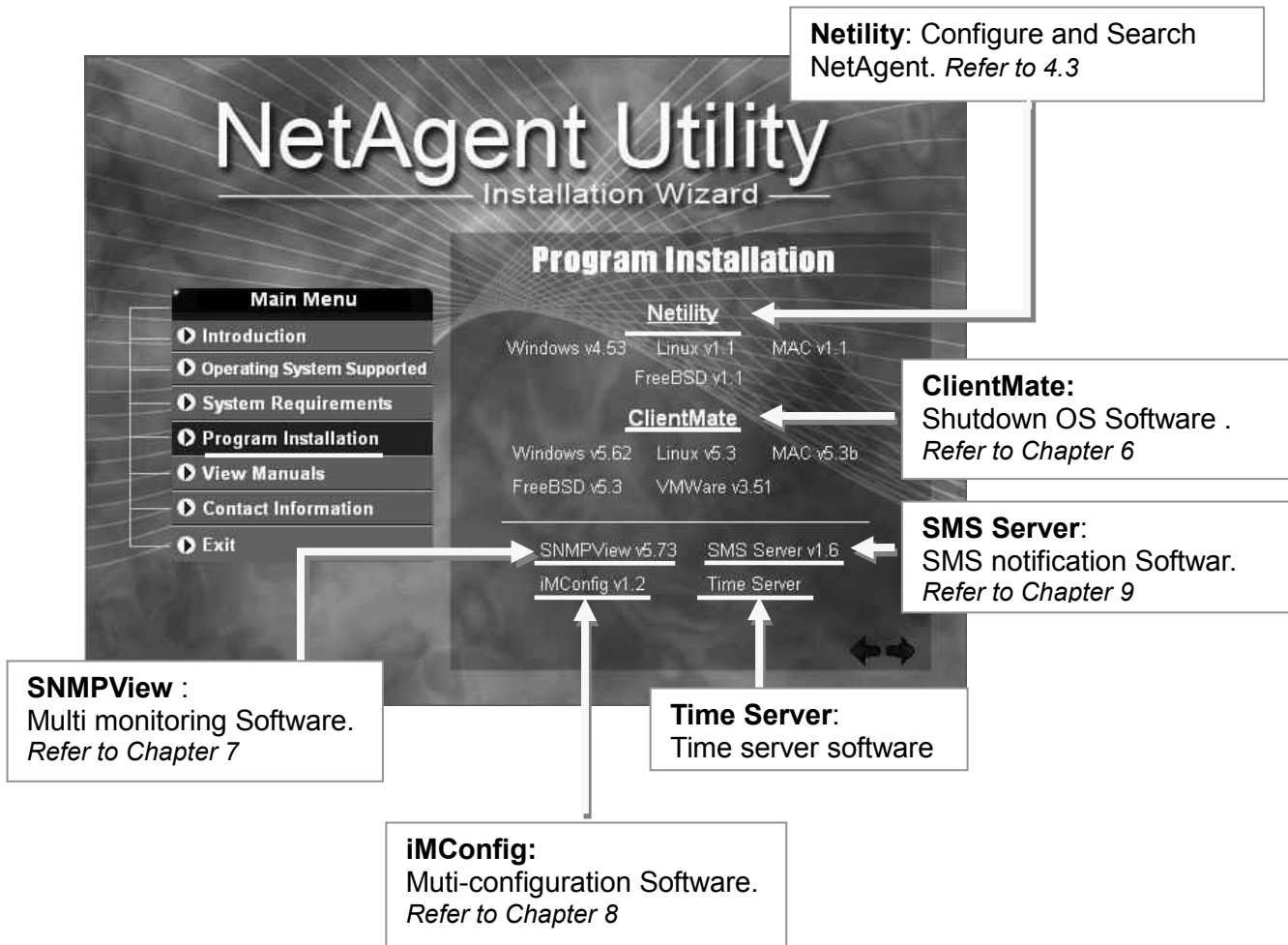


## ■ External NetAgent II / 9



### 3.2 Software Installation

NetAgent Utility CD offers several management and shutdown software. Insert CD into CD-ROM and software can be select under **【Program Installation】**



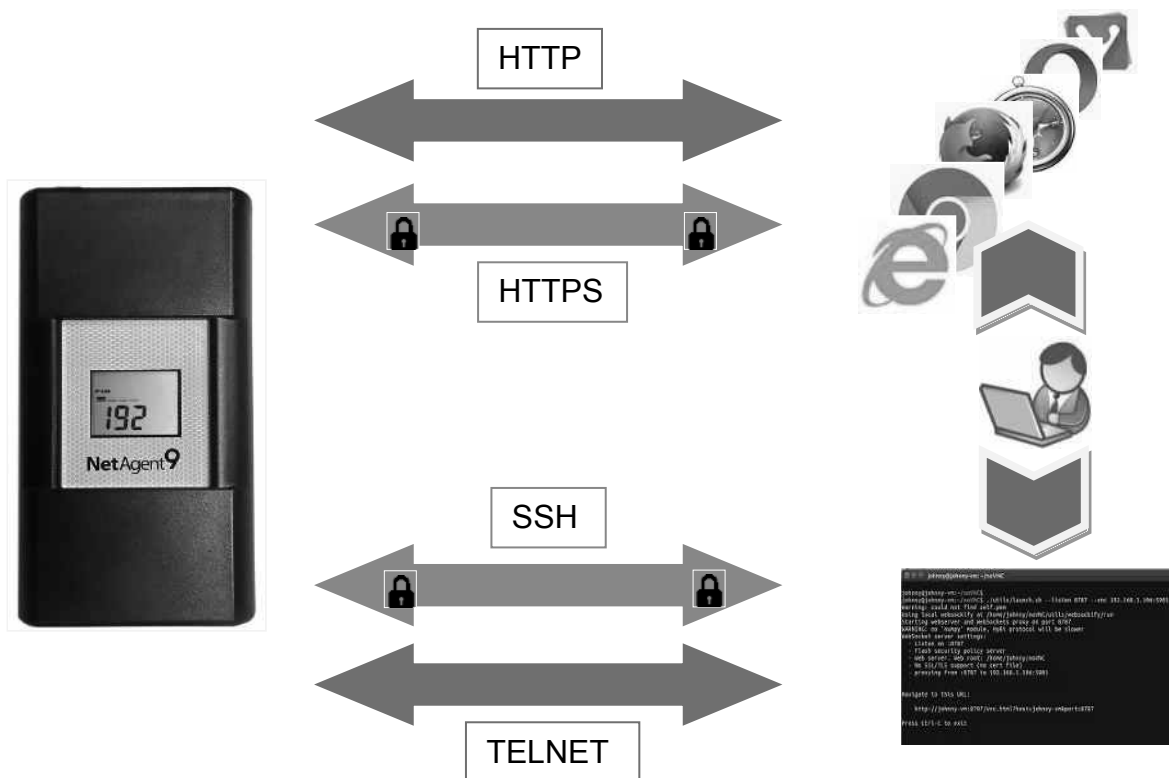
If the PC does not executes CD program automatically, please select from File Managment



## Chapter 4. NetAgent Setting

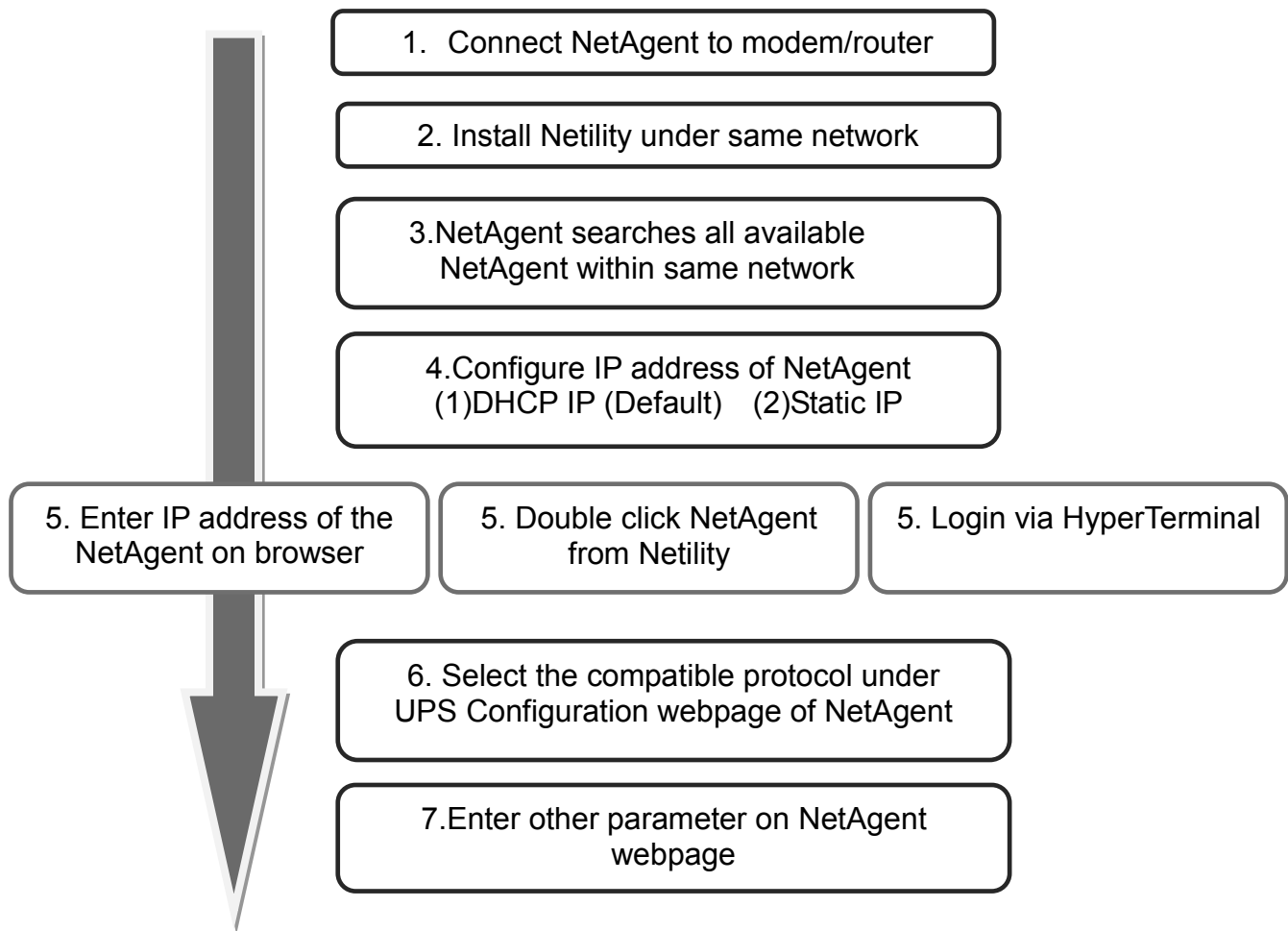
## 4.1 Introduction

NetAgent can be login via web or HyperTerminal with protocol and encryption of HTTP/HTTPS/SSH/Telnet. Enter the IP address of NetAgent to configure and monitor the UPS status.



## 4.2 NetAgent Login Procedure

---

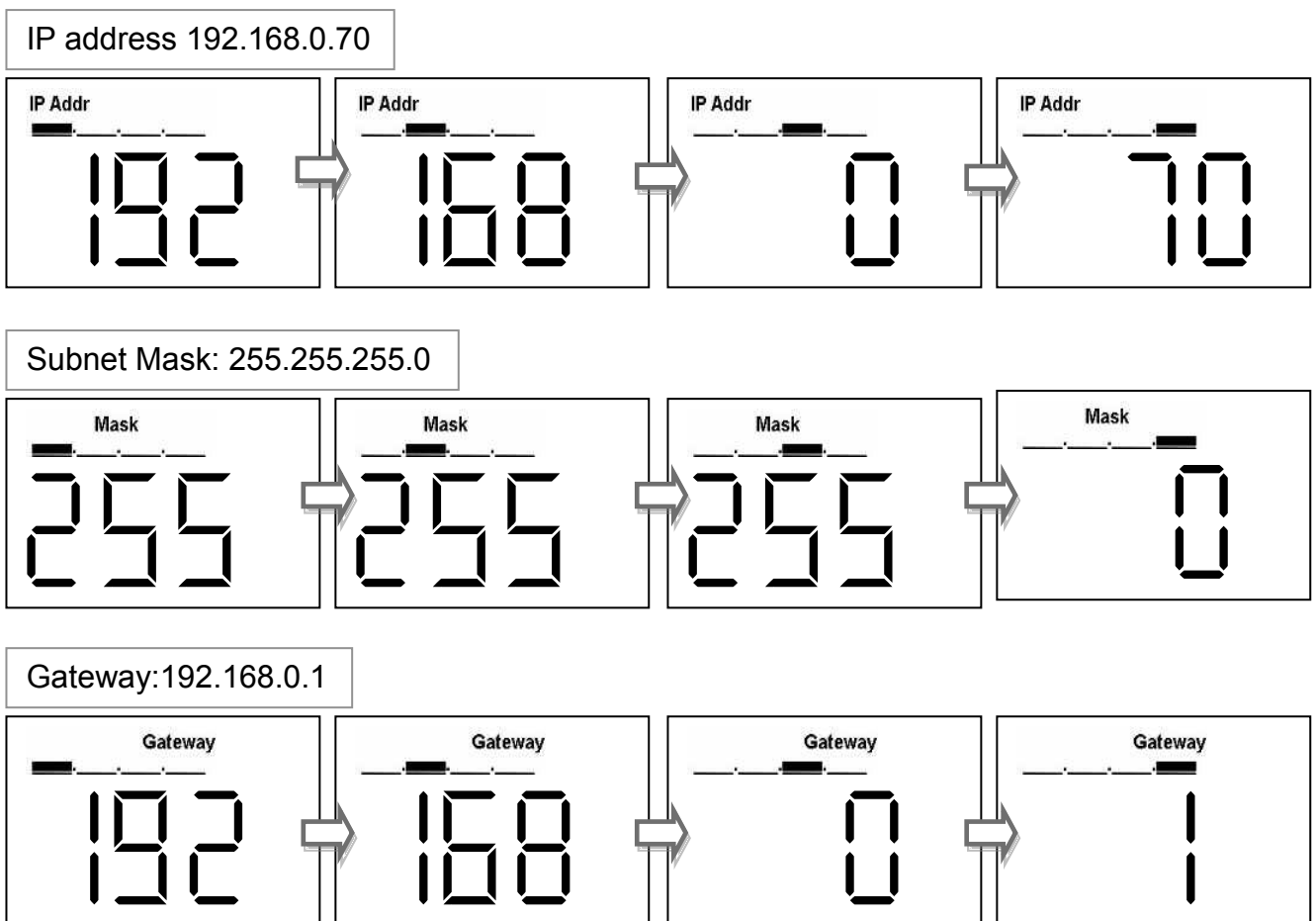


**NOTE 1 :** Each NetAgent has its unique serial number / MAC address and Password. This is available on the label of each unit. This helps to identify the card information on Netility

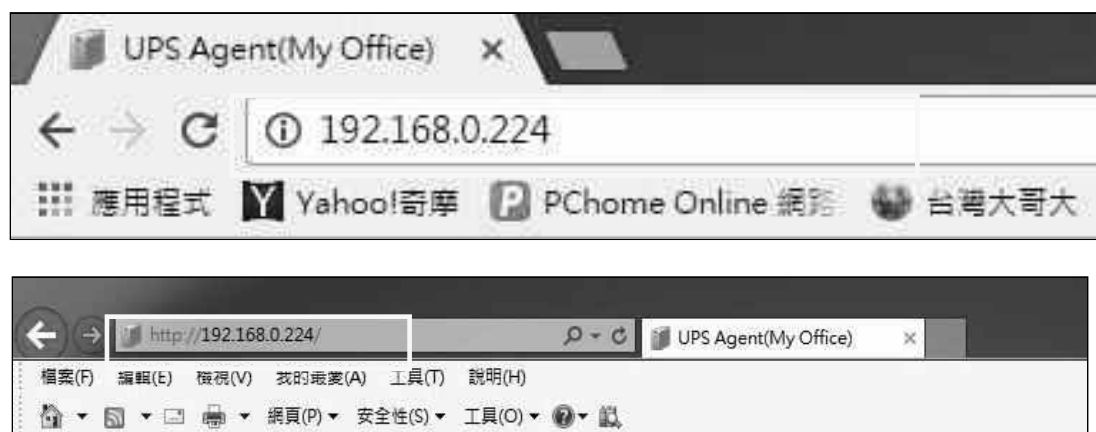


**NOTE 2 :** NetAgent with LCD display may obtain the IP info from it.

Example of LCD display format as below



When NetAgent IP is known, enter such IP address on the browser to login. If non-LCD NetAgent model, install Netility software to find and configure its IP address.





## 4.3 Netility Installation and Setting

### ■ Netility Installation

Netility is tool software that helps the user to search all the available NetAgent within network as well as to configure IP address and firmware upgrade. Mount the NetAgent Utility CD on CD-ROM and click on Program Installation>Netility>Windows v4.53



Netility installation directory



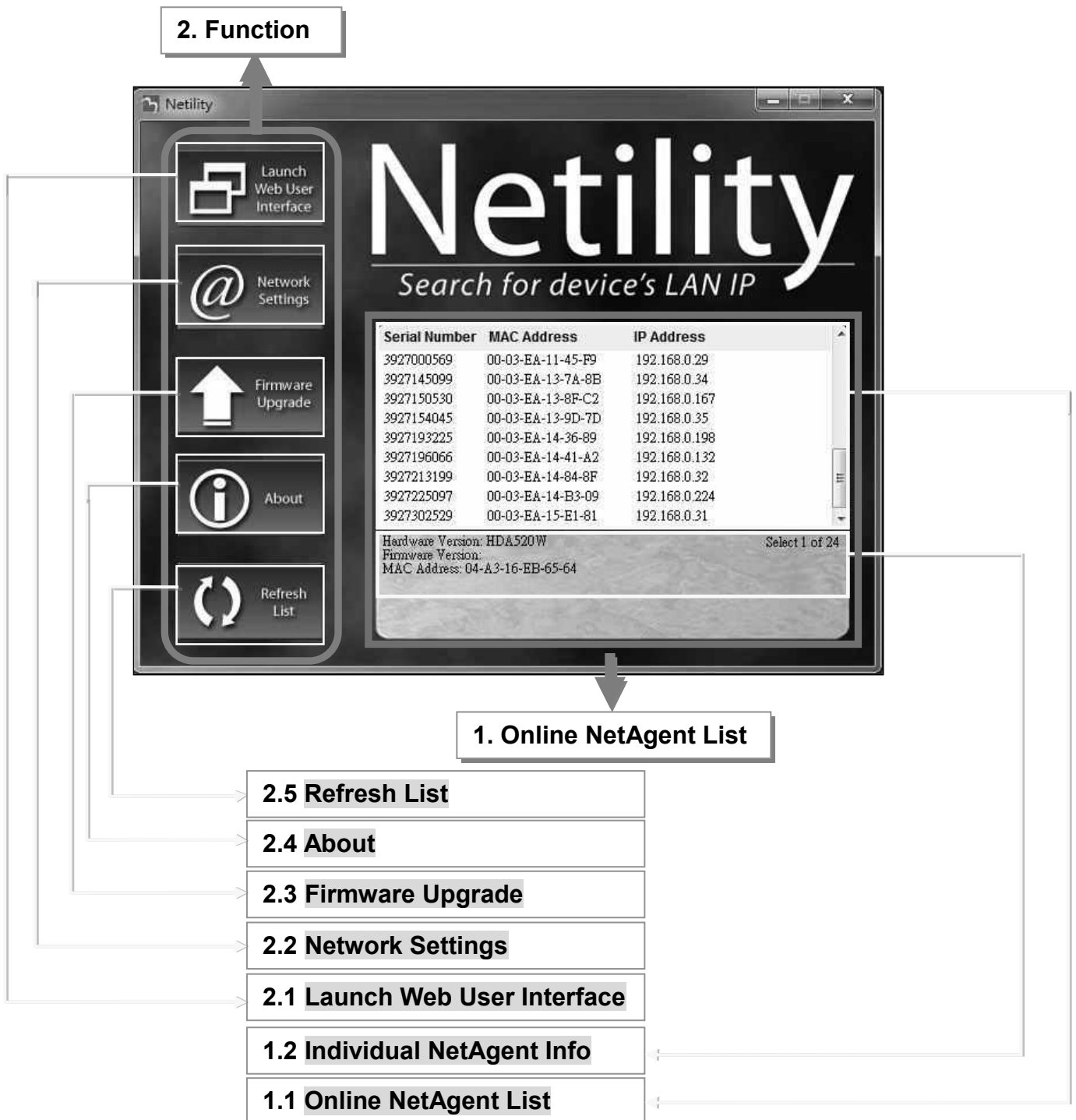
Netility Software

Under All Programs/ Megatec File Directory

## ■ Netility Operation and Setting

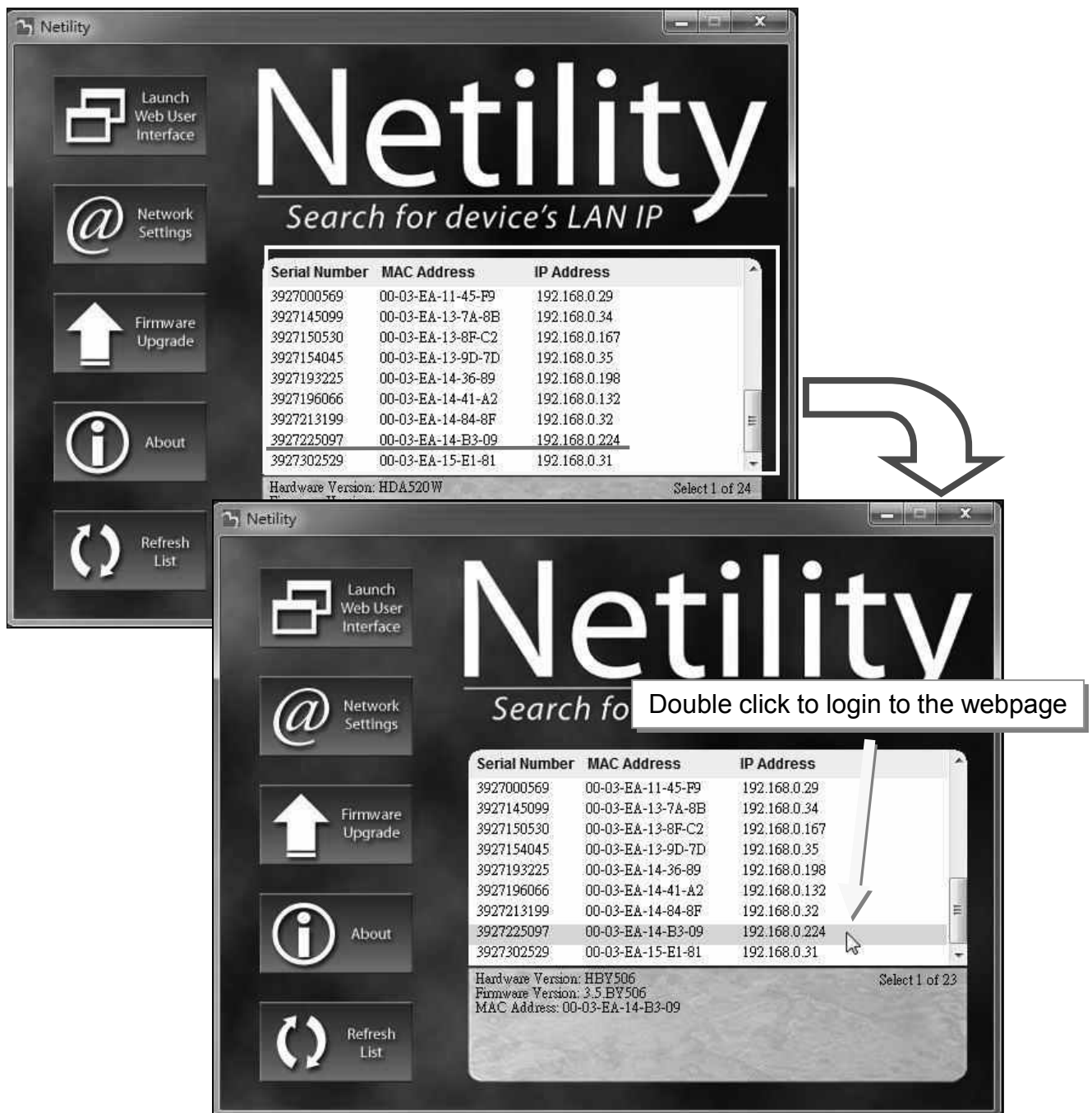
Netility main pages divided into 2 sections:

### 1. Online NetAgent List    2. Function Selection



## 1.1 Online NetAgent List

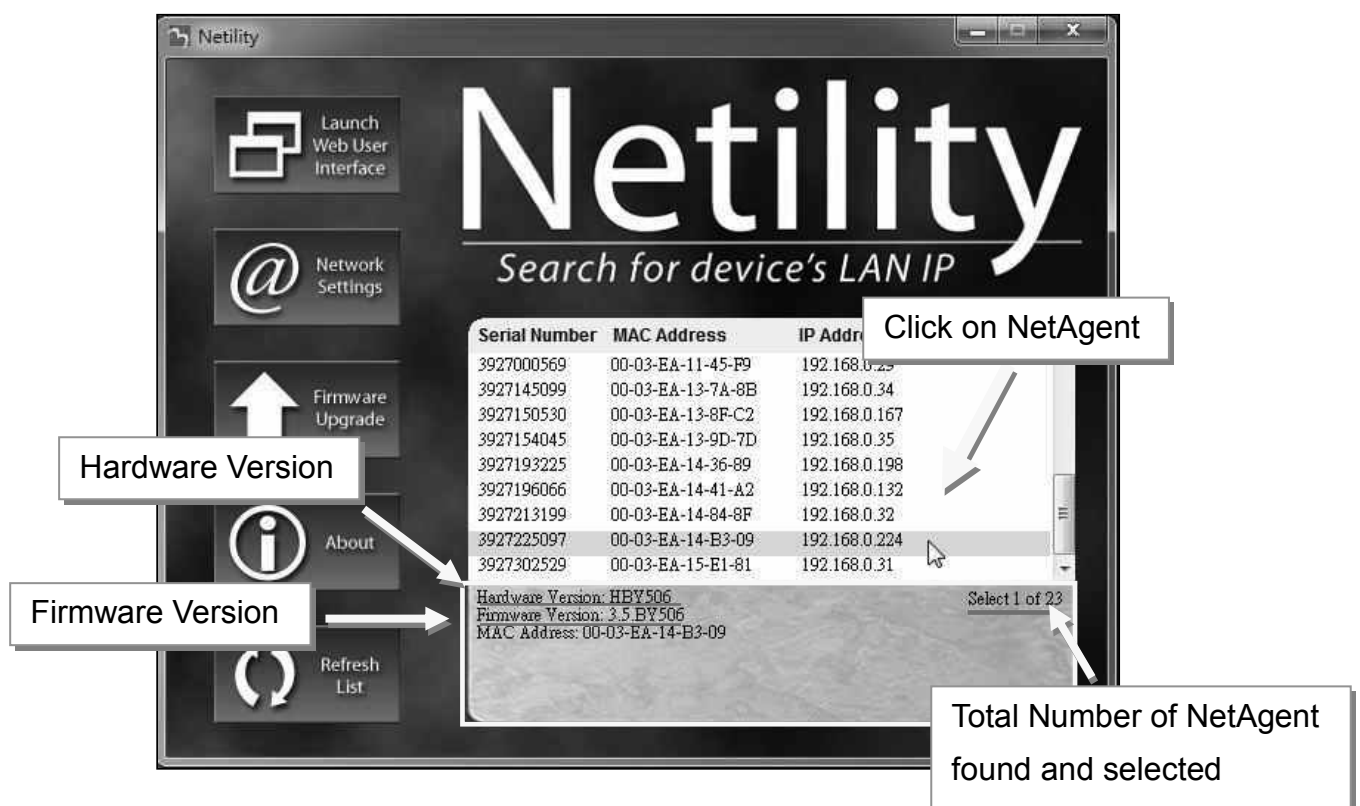
When open up Netility, it automatically searches all the available online NetAgent within the network with its serial number, IP address, MAC address. Double click on the specific NetAgent with valid IP address, it will direct to the NetAgent's webpage. (List refreshes automatically every 2 minutes)





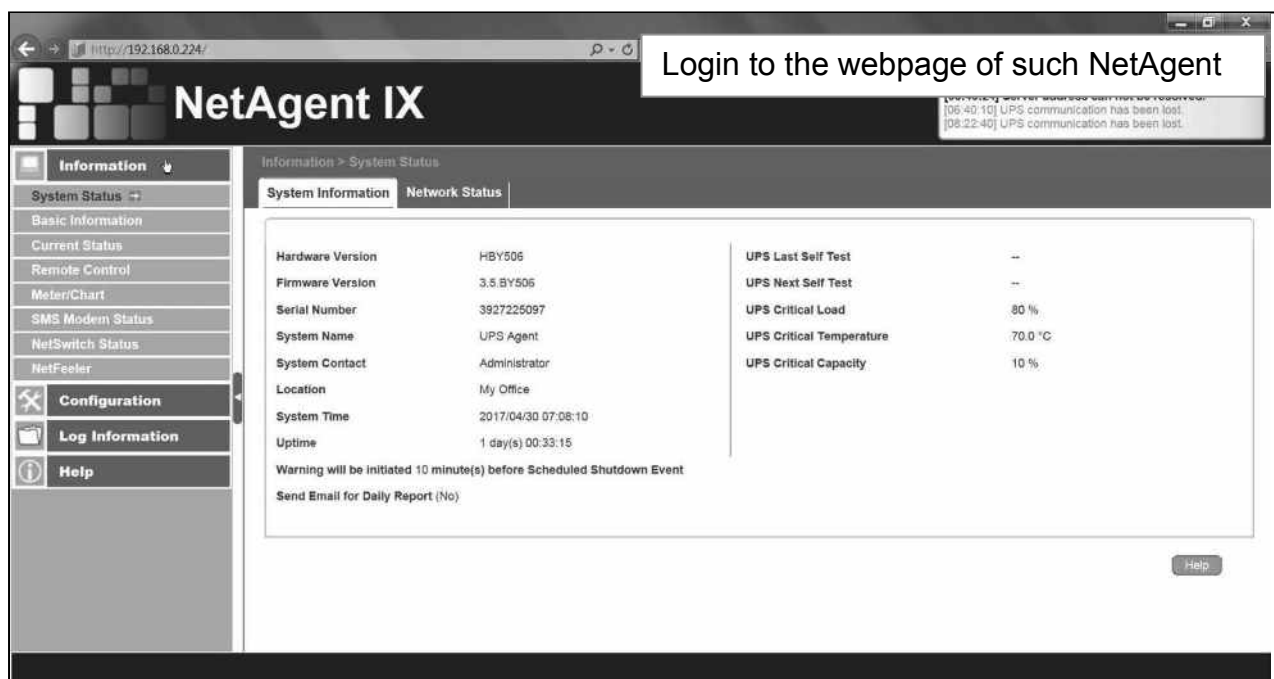
## 1.2 Individual NetAgent Info

Click on specific NetAgent, the bottom column shows its hardware, firmware version and MAC address. It also shows the total NetAgent number that found by Netility and selected



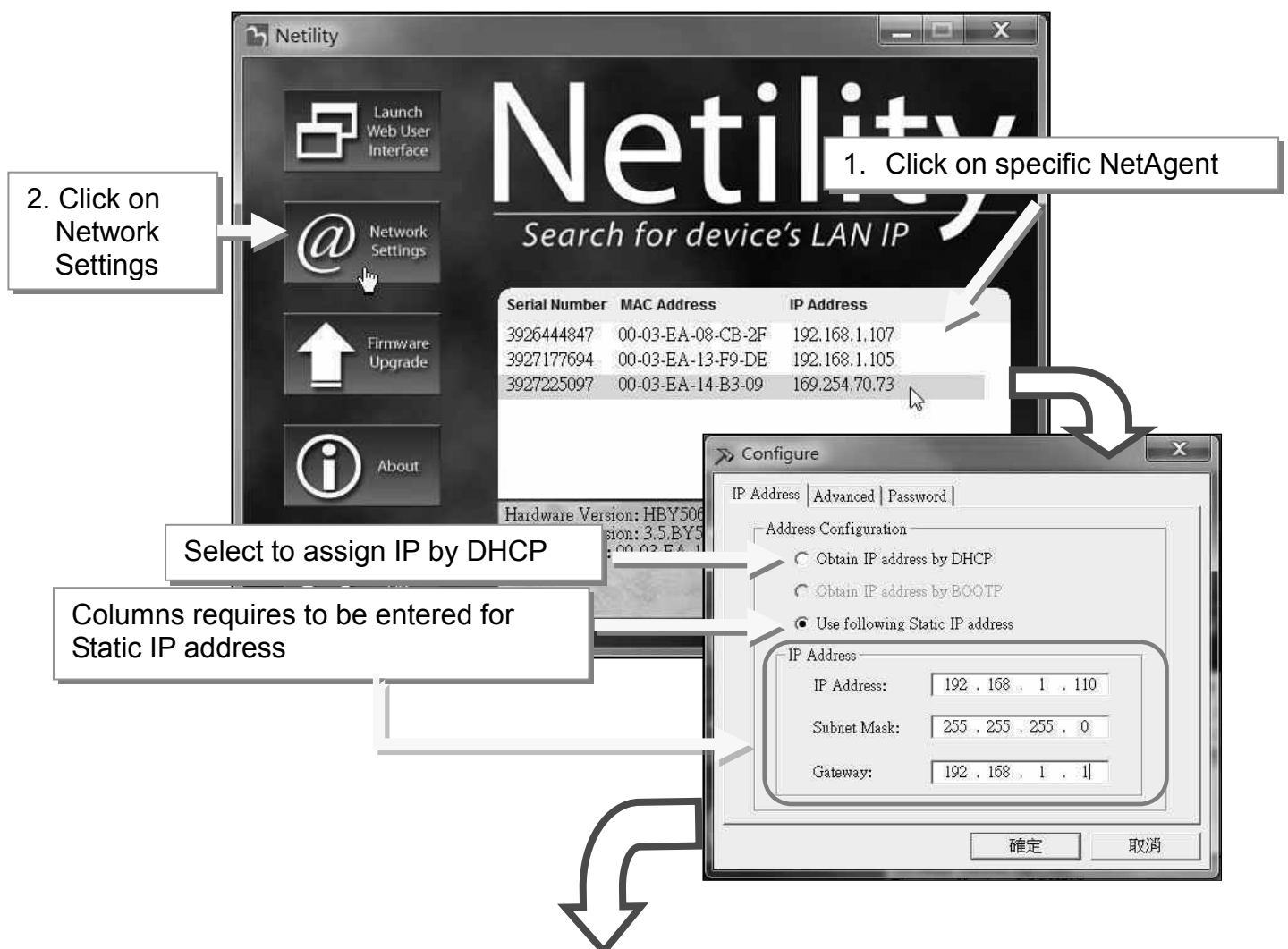
## 2.1 Launch Web User Interface

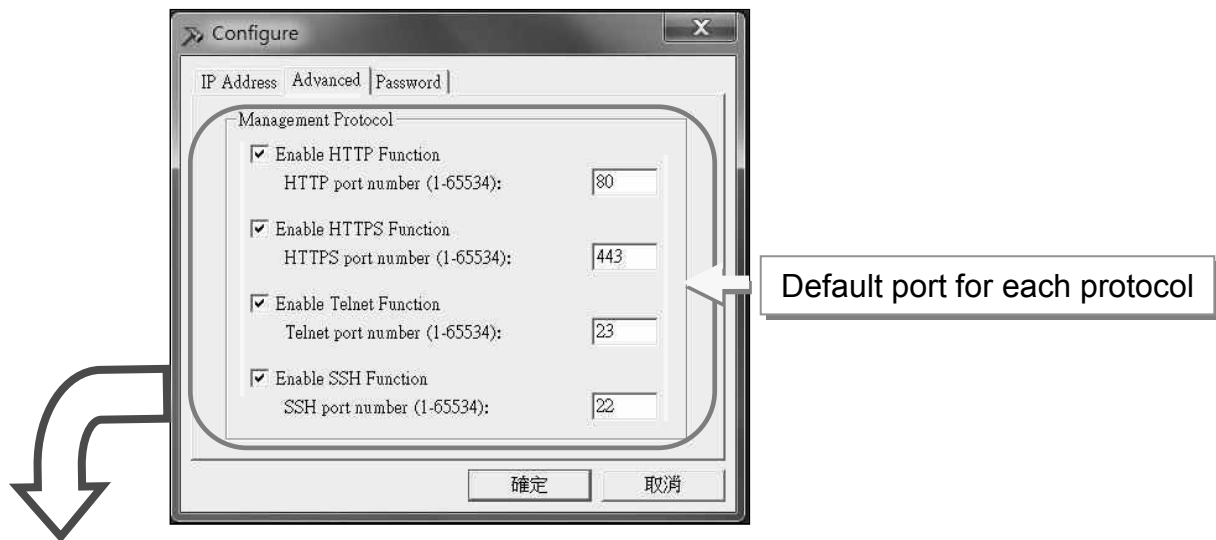
Select specific NetAgent from the list and click on Launch Web User Interface to login to the NetAgent's webpage



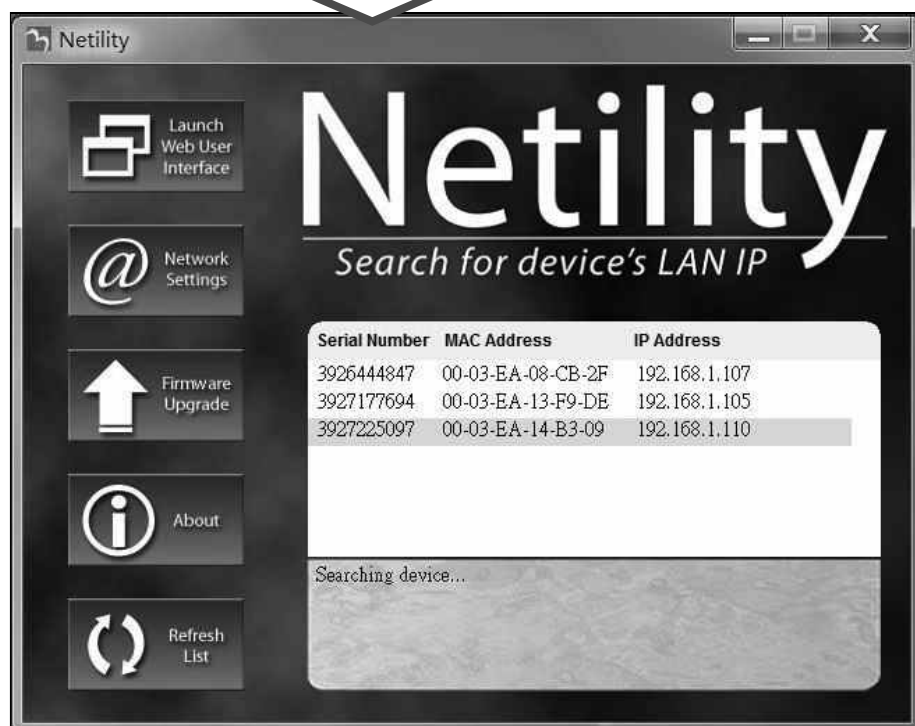
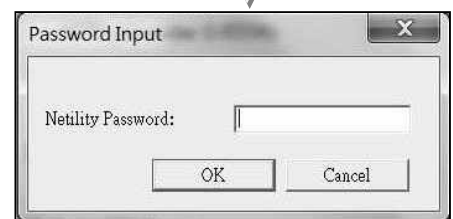
## 2.2 Network Settings

- When connecting the NetAgent for the first time, ensure IP address and other network setting are correctly entered in order to login to the NetAgent's webpage via browser or HyperTerminal
- When select to obtain IP address by DHCP or BOOTP, IP address and other network parameter will be assign by the network
- NetAgent offers 4 network protocols - HTTP / HTTPS / TELNET / SSH for management with security consideration. If any change on port number, the it require to enter the full IP address with port number in order to login  
For example : HTTP port number change to 81  
The full address to be enter on browser should be "http://X.X.X.X:81"  
(X.X.X.X is the IP address of the NetAgent)  
For Example : Telnet port number change to 24  
The full address to be enter on HyperTerminal should be "http://X.X.X.X 24" (X.X.X.X is the IP address of the NetAgent)
- When password of the NetAgent is enabled, it is necessary to enter the correct password before making any configuration change and firmware upgrade



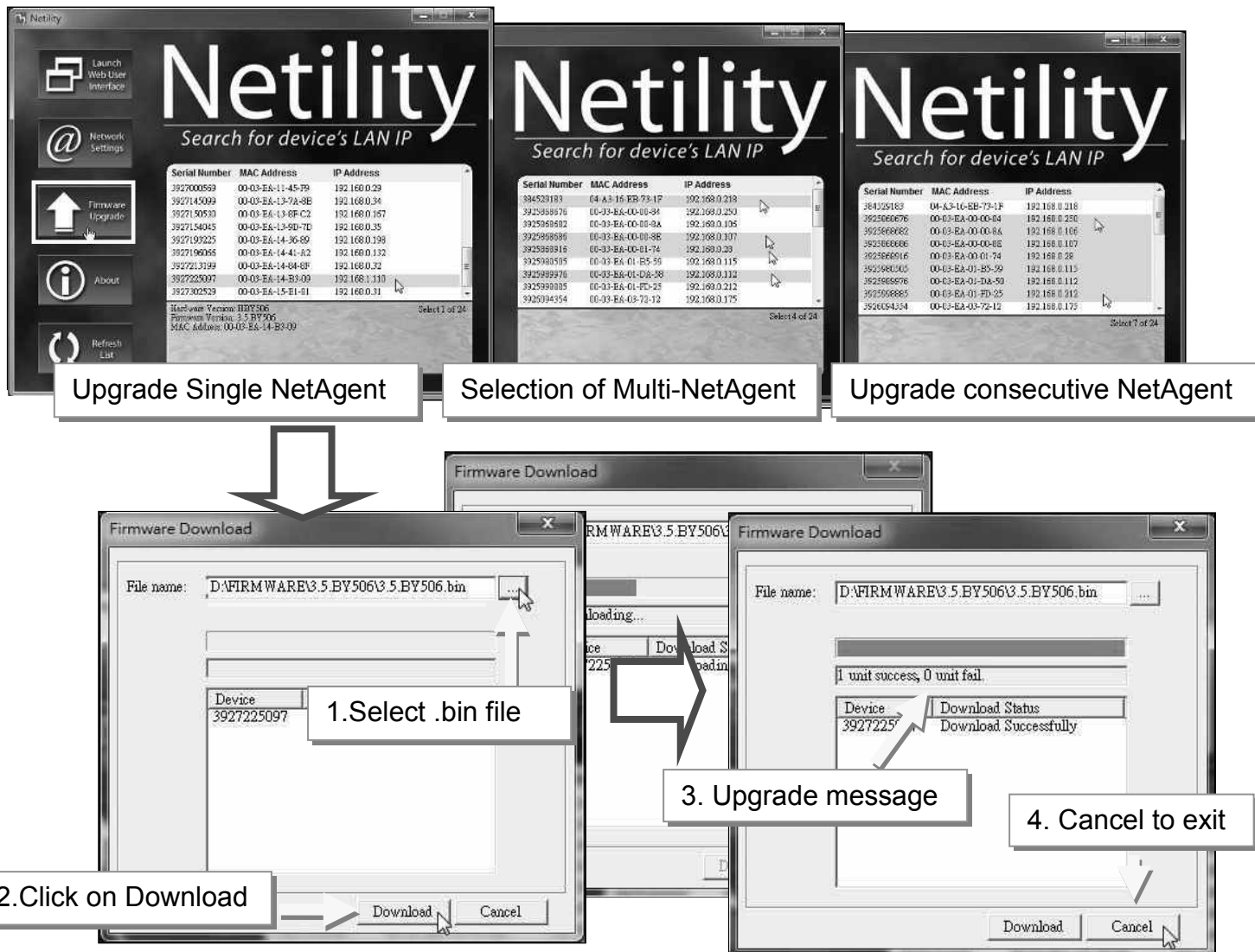


Once password is enabled and configured, it is required to enter the correct password when change any setting or firmware upgrade



## 2.3 Firmware Upgrade

- This is to upgrade or re-load the firmware to the NetAgent unit. Firmware version is available on the official website. Ensure to check the NetAgent model, hardware version for the correct firmware version (.bin)
- Ways to select NetAgent for firmware upgrading
  - (1) Click on specific NetAgent from the Netility list
  - (2) Press and hold on CTRL key then select multi NetAgent unit from the list=>This is to upgrade multi units at once
  - (3) Click on the first NetAgent from the list, then press and hold on SHIFT key as well as click on the last unit of the NetAgent =>This is if all NetAgent from the list are same model
- ✱ **WARNING** : Please makes sure the multi NetAgent selected are same model
- If any failure during firmware upgrading, please upgrade again until it is successfully done
- While upgrading, red and yellow LED would alternating flashing, or red led flashing. DO NOT remove any power or cable to the NetAgent. Once firmware is successfully upgraded, NetAgent would reboot automatically.





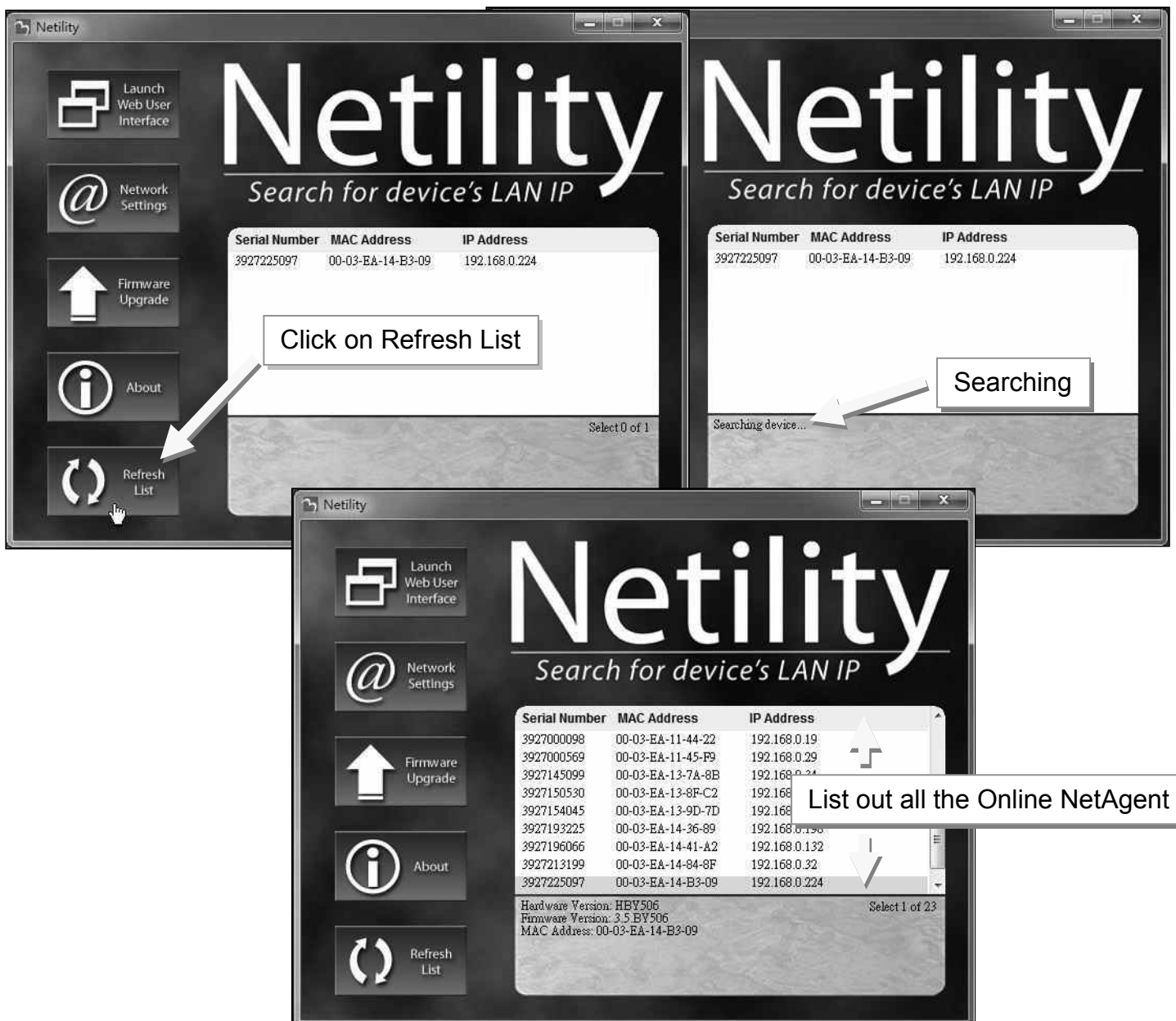
## 2.4 About

Here shows the current Netility version



## 2.5 Refresh List

The list on Netility would refresh every 2 minutes automatically, however, manual refresh is also possible by clicking Refresh List



## 4.4 NetAgent Setting

### 4.4.1 Web Interface

#### NetAgent 9 Mini & NetAgent 9

The screenshot shows the NetAgent IX web interface in a browser window. The address bar displays `http://192.168.0.224/` and the page title is "UPS Agent(My Office)". The interface features a sidebar with navigation links: Information, Configuration, Log Information, and Help. The main content area is titled "Information > System Status" and contains two tabs: "System Information" and "Network Status". The "System Information" tab is active, displaying a table of system details and a "Latest Events" section.

System Information	
Hardware Version	HBV506
Firmware Version	3.5.BV506
Serial Number	3927225097
System Name	UPS Agent
System Contact	Administrator
Location	My Office
System Time	2017/04/30 06:22:30
Uptime	23:47:34

UPS Status	
UPS Last Self Test	--
UPS Next Self Test	--
UPS Critical Load	80 %
UPS Critical Temperature	70.0 °C
UPS Critical Capacity	10 %

Warning will be initiated 10 minute(s) before Scheduled Shutdown Event  
Send Email for Daily Report (No)

Latest Events  
[06:40:24] Server address can not be resolved.  
[06:40:10] UPS communication has been lost.  
[08:22:40] UPS communication has been lost.

#### NetAgent Mini & NetAgent II

The screenshot shows the NetAgent web interface in a browser window. The address bar displays `http://192.168.0.106/` and the page title is "BP506(TTEST)". The interface features a sidebar with navigation links: Information, Configuration, Log Information, and Help. The main content area displays two tabs: "System Information" and "Network Status". The "System Information" tab is active, displaying a table of system details and a "Warning" section. The "Network Status" tab is also visible, displaying a table of network details.

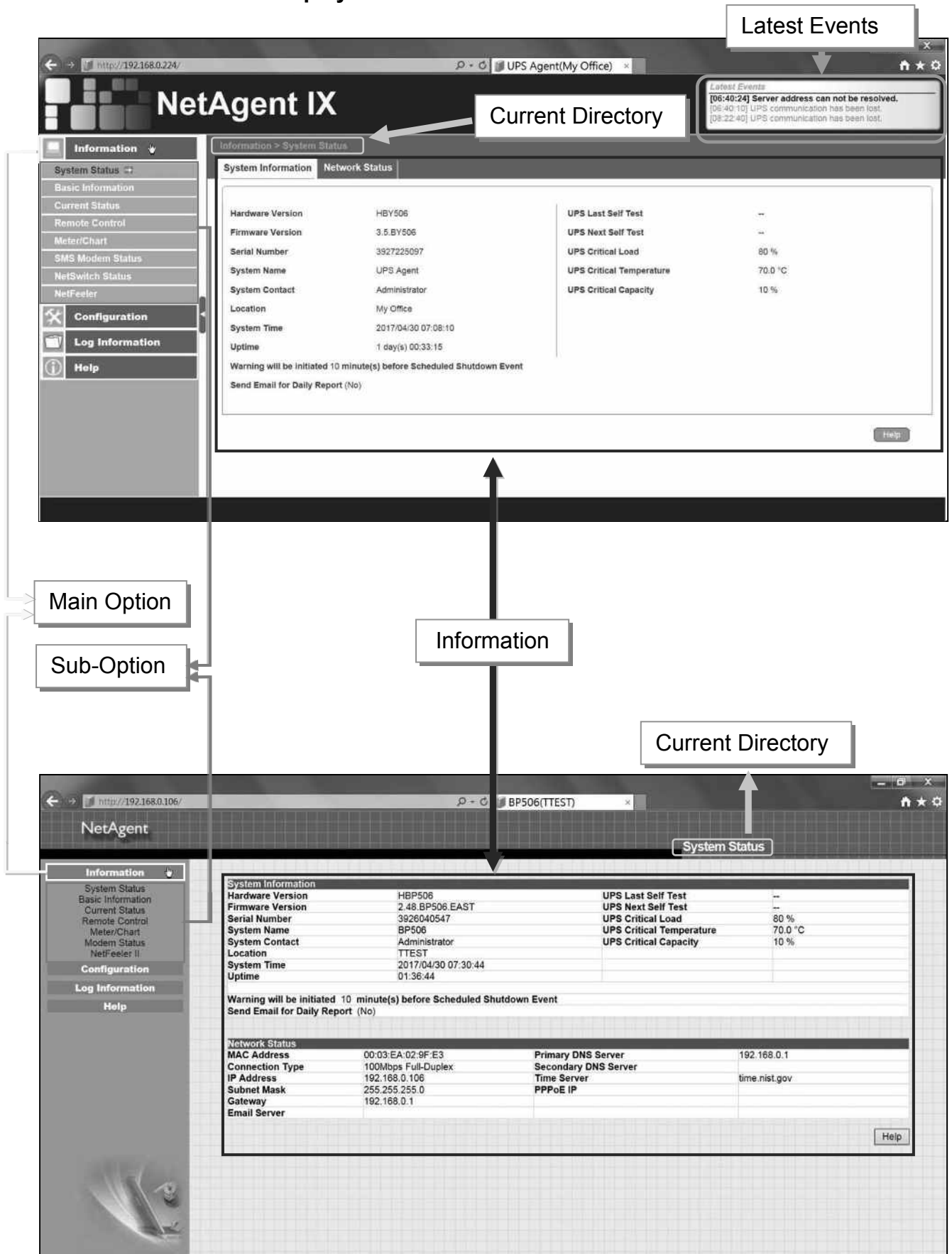
System Information	
Hardware Version	HBV506
Firmware Version	2.48.BP506.EAST
Serial Number	3926040547
System Name	BP506
System Contact	Administrator
Location	TTEST
System Time	2017/04/30 06:36:18
Uptime	00:42:19

UPS Status	
UPS Last Self Test	--
UPS Next Self Test	--
UPS Critical Load	80 %
UPS Critical Temperature	70.0 °C
UPS Critical Capacity	10 %

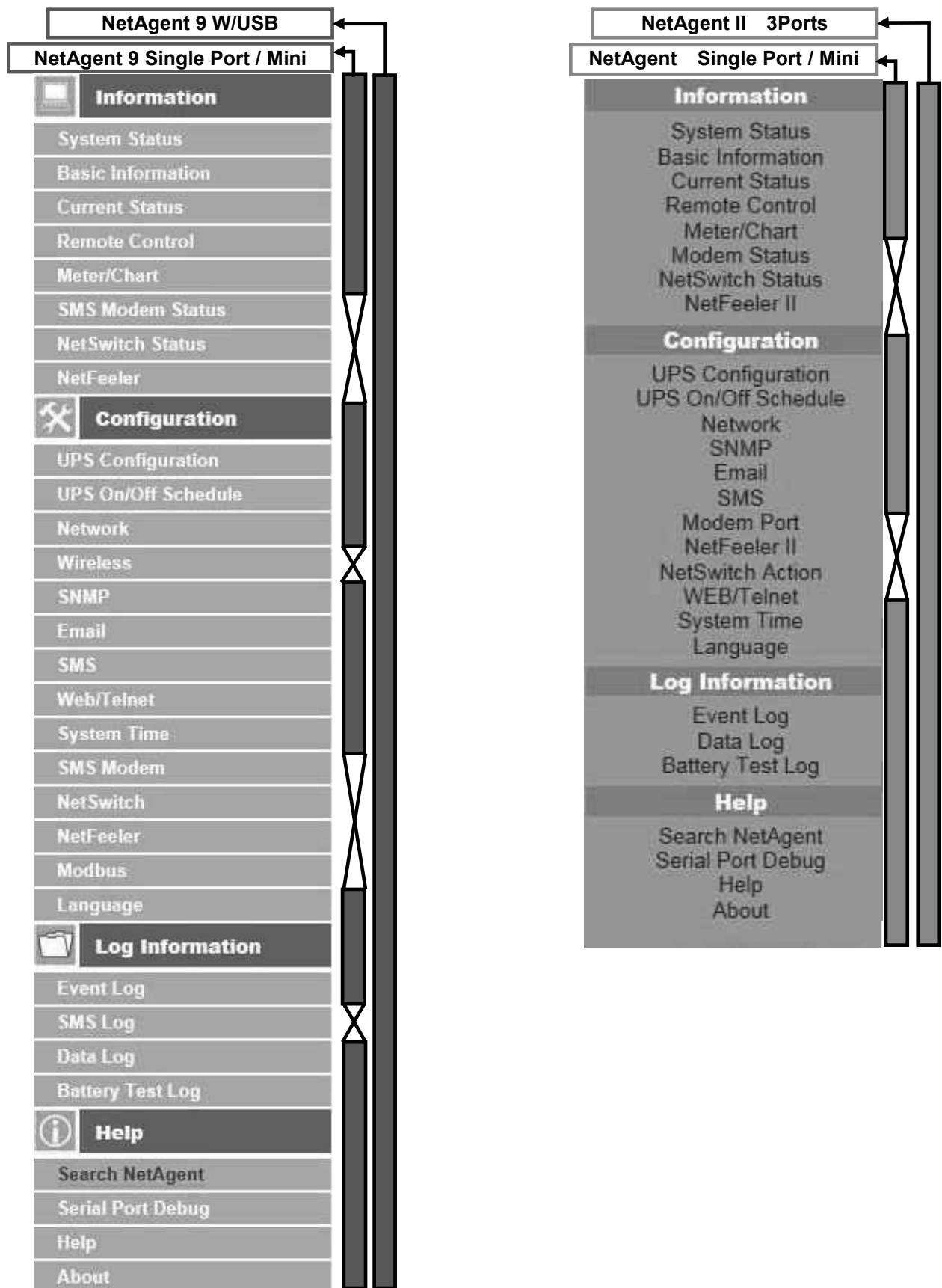
Warning will be initiated 10 minute(s) before Scheduled Shutdown Event  
Send Email for Daily Report (No)

Network Status	
MAC Address	00:03:EA:02:9F:E3
Connection Type	100Mbps Full-Duplex
IP Address	192.168.0.106
Subnet Mask	255.255.255.0
Gateway	192.168.0.1
Email Server	
Primary DNS Server	192.168.0.1
Secondary DNS Server	
Time Server	time.nist.gov
PPPoE IP	

## ■ Web Interface Display



#### 4.4.2 NetAgent Option Directory Structure



### 4.4.3 NetAgent Setting Options

#### ■ Information > System Status

##### ● Sysyem Information

Here shows all the basic information of the NetAgent such as hardware / firmware version; Serial Number; Uptime...etc.

#### NetAgent 9 Mini & NetAgent 9

The screenshot shows the NetAgent IX web interface. The browser address bar displays 'http://192.168.0.224/'. The page title is 'NetAgent IX'. The left sidebar contains a menu with 'Information' (selected), 'System Status', 'Basic Information', 'Current Status', 'Remote Control', 'Meter/Chart', 'SMS Modem Status', 'NetSwitch Status', 'NetFeeler', 'Configuration', 'Log Information', and 'Help'. The main content area is titled 'Information > System Status' and has two tabs: 'System Information' (selected) and 'Network Status'. The 'System Information' tab displays the following data:

Hardware Version	HBY505	UPS Last Self Test	--
Firmware Version	3.5.BY505	UPS Next Self Test	--
Serial Number	3927225097	UPS Critical Load	80 %
System Name	UPS Agent	UPS Critical Temperature	70.0 °C
System Contact	Administrator	UPS Critical Capacity	10 %
Location	My Office		
System Time	2017/04/30 07:08:10		
Uptime	1 day(s) 00:33:15		

Below the table, it states: 'Warning will be initiated 10 minute(s) before Scheduled Shutdown Event' and 'Send Email for Daily Report (No)'. A 'Latest Events' box in the top right corner shows three events: '[06:40:24] Server address can not be resolved.', '[06:40:10] UPS communication has been lost.', and '[08:22:40] UPS communication has been lost.' A 'Help' button is located at the bottom right of the main content area.

#### NetAgent Mini & NetAgent II

The screenshot shows the NetAgent web interface. The browser address bar displays 'http://192.168.0.224/'. The page title is 'NetAgent'. The left sidebar contains a menu with 'Information' (selected), 'System Status', 'Basic Information', 'Current Status', 'Remote Control', 'Meter/Chart', 'Modem Status', 'NetFeeler II', 'Configuration', 'Log Information', and 'Help'. The main content area is titled 'System Status' and has two tabs: 'System Information' (selected) and 'Network Status'. The 'System Information' tab displays the following data:

Hardware Version	HBP506	UPS Last Self Test	--
Firmware Version	2.48.BP506.EAST	UPS Next Self Test	--
Serial Number	3926040547	UPS Critical Load	80 %
System Name	UPS Agent	UPS Critical Temperature	70.0 °C
System Contact	Administrator	UPS Critical Capacity	10 %
Location	My Office		
System Time	2017/05/01 13:20:14		
Uptime	00:03:37		

Below the table, it states: 'Warning will be initiated 10 minute(s) before Scheduled Shutdown Event' and 'Send Email for Daily Report (No)'. The 'Network Status' tab displays the following data:

MAC Address	00:03:EA:02:9F:E3	Primary DNS Server	192.168.0.1
Connection Type	100Mbps Full-Duplex	Secondary DNS Server	
IP Address	192.168.0.106	Time Server	time.nist.gov
Subnet Mask	255.255.255.0	PPPoE IP	
Gateway	192.168.0.1		
Email Server			

A 'Help' button is located at the bottom right of the main content area.

- **Network Status**

This page shows the network information of the NetAgent. With NetAgent9 series which supports IPv6 could work with compatible network appliance.

### NetAgent 9 Mini & NetAgent 9

The screenshot displays the 'Information > System Status' page. On the left is a navigation menu with sections: Information (System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, NetFeeler), Configuration, Log Information, and Help. The main content area has two tabs: 'System Information' and 'Network Status' (which is active). Under 'Network Status', there are four panels: Ethernet (MAC Address: 00:03:EA:14:B3:09, Connection Type: 100Mbps Full-Duplex), General (Email Server, Time Server: time.nist.gov, PPPoE IP, PPPoE IPv6), IPv4 (IP Address: 192.168.0.224, Subnet Mask: 255.255.255.0, Gateway: 192.168.0.2, Primary DNS Server: 192.168.0.2, Secondary DNS Server), and IPv6 (IP Address, LinkLocal Address: fe80::203:eaff:fe14:b309/64, 6to4 Address, Gateway, Primary DNS Server, Secondary DNS Server). A 'Help' button is at the bottom right.

### NetAgent Mini & NetAgent II

The screenshot shows the 'NetAgent' web interface with the 'System Status' page selected. The left navigation menu includes: Information (System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II), Configuration, Log Information, and Help. The main content area is divided into two sections. The top section, 'System Information', contains a table with fields like Hardware Version (HBP506), Firmware Version (2.48.BP506.EAST), Serial Number (3926040547), System Name (UPS Agent), System Contact (Administrator), Location (My Office), System Time (2017/05/01 13:20:14), and Uptime (00:03:37). Below this is a warning message: 'Warning will be initiated 10 minute(s) before Scheduled Shutdown Event' and 'Send Email for Daily Report (No)'. The bottom section, 'Network Status', contains a table with fields like MAC Address (00:03:EA:02:9F:E3), Connection Type (100Mbps Full-Duplex), IP Address (192.168.0.106), Subnet Mask (255.255.255.0), Gateway (192.168.0.1), Email Server, Primary DNS Server (192.168.0.1), Secondary DNS Server, Time Server (time.nist.gov), and PPPoE IP. A 'Help' button is at the bottom right.

## ■ Information > Basic Information

This page shows UPS information/Battery Information/Rating Information. The data is obtained from the reply of UPS or the settings from [UPS Configuration] webpage

### NetAgent 9 Mini & NetAgent 9

The screenshot displays the web interface for NetAgent 9 Mini & NetAgent 9. On the left is a navigation menu with the following items: Information (selected), System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, NetFeeler, Configuration, Log Information, and Help. The main content area is titled 'Information > Basic Information' and contains three sections: UPS Information, Battery Information, and Rating Information. Each section contains a table of data.

UPS Information	
UPS Manufacturer	Megatec_UPS
UPS Firmware Version	20170001
UPS Model	BEST_UPS

Battery Information	
Date of last battery replacement	2016/01/01
Number of Batteries	2
Battery Charge Voltage	2.267 V

Rating Information	
Voltage Rating	220.0 V
Frequency Rating	50.0 Hz
Battery Voltage Rating	24.01 V

A 'Help' button is located at the bottom right of the main content area.

### NetAgent Mini & NetAgent II

The screenshot displays the web interface for NetAgent Mini & NetAgent II. The top header shows 'NetAgent' on the left and 'Basic Information' on the right. The left navigation menu includes: Information (selected), System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II, Configuration, Log Information, and Help. The main content area is titled 'Basic Information' and contains three sections: UPS Information, Battery Information, and Rating Information, each with a table of data.

UPS Information	
UPS Manufacturer	Megatec_UPS
UPS Firmware Version	20170001
UPS Model	BEST_UPS

Battery Information	
Date of last battery replacement	2006/01/01
Number of Batteries	2
Battery Charge Voltage	2.267V

Rating Information	
Voltage Rating	220.0V
Frequency Rating	50.0Hz
Battery Voltage Rating	24.01V

A 'Help' button is located at the bottom right of the main content area.

## ■ Information > Current Status

This page shows current UPS Input / Output and Battery Status. Status refresh time can be configured. When abnormal condition occurs, it shows in red.

### NetAgent 9 Mini & NetAgent 9

Information > Current Status

Input Status   Output Status   Battery Status

AC Status	
AC Status	Normal
Input Line Voltage	220.1 V
Input Max. Line Voltage	220.1 V
Input Min. Line Voltage	220.1 V
Input Frequency	50.0 Hz

UPS Status   UPS Normal

Refresh status every 10 seconds

2 seconds  
5 seconds  
10 seconds  
30 seconds  
1 minute

Help

### NetAgent Mini & NetAgent II

NetAgent

Current Status

Refresh status every 10 seconds

UPS Status	
UPS Status	UPS Normal

Input Status	
AC Status	On Battery
Input Line Voltage	220.1 V
Input Max. Line Voltage	220.1 V
Input Min. Line Voltage	220.1 V
Input Frequency	50.0 Hz

Output Status	
Output Voltage	220.1 V
Output Status	On Battery
UPS load	30 %

Battery Status	
Temperature	30.1 °C ( 86.1 °F )
Battery Status	Battery Low
Battery Capacity	100 %
Battery Voltage	325.2 V
Time on Battery	00:02:14
Estimated Battery Remaining Time	1 day(s) 09:20:00
UPS Last Self Test	--
UPS Next Self Test	--

Help



## ■ Information > Remote Control

Here, user can perform several test to the UPS remotely. Once the option is selected, please click on Apply in order to execute it.

### NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Information > Remote Control' interface for NetAgent 9 Mini & NetAgent 9. On the left is a sidebar menu with 'Information' selected, containing links to System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, and NetFeeler. Below this are 'Configuration', 'Log Information', and 'Help'. The main panel is titled 'Information > Remote Control' and contains two sections: 'UPS Testing' and 'Miscellaneous'. The 'UPS Testing' section has radio buttons for '10-Second Test' (selected), 'Deep Battery Test for 10 minute(s)', 'Test until battery capacity below 10 %', 'Test Until Battery Low', and 'Cancel Test'. The 'Miscellaneous' section has radio buttons for 'Turn off UPS when AC power Fails', 'Put UPS in Sleep mode for 60 minute(s)', 'Wake up UPS', 'Reboot UPS', and 'UPS Buzzer On/Off'. At the bottom, a callout box says 'Select and Apply' with an arrow pointing to the 'Apply' button. Other buttons at the bottom right are 'Reset' and 'Help'.

### NetAgent Mini & NetAgent II

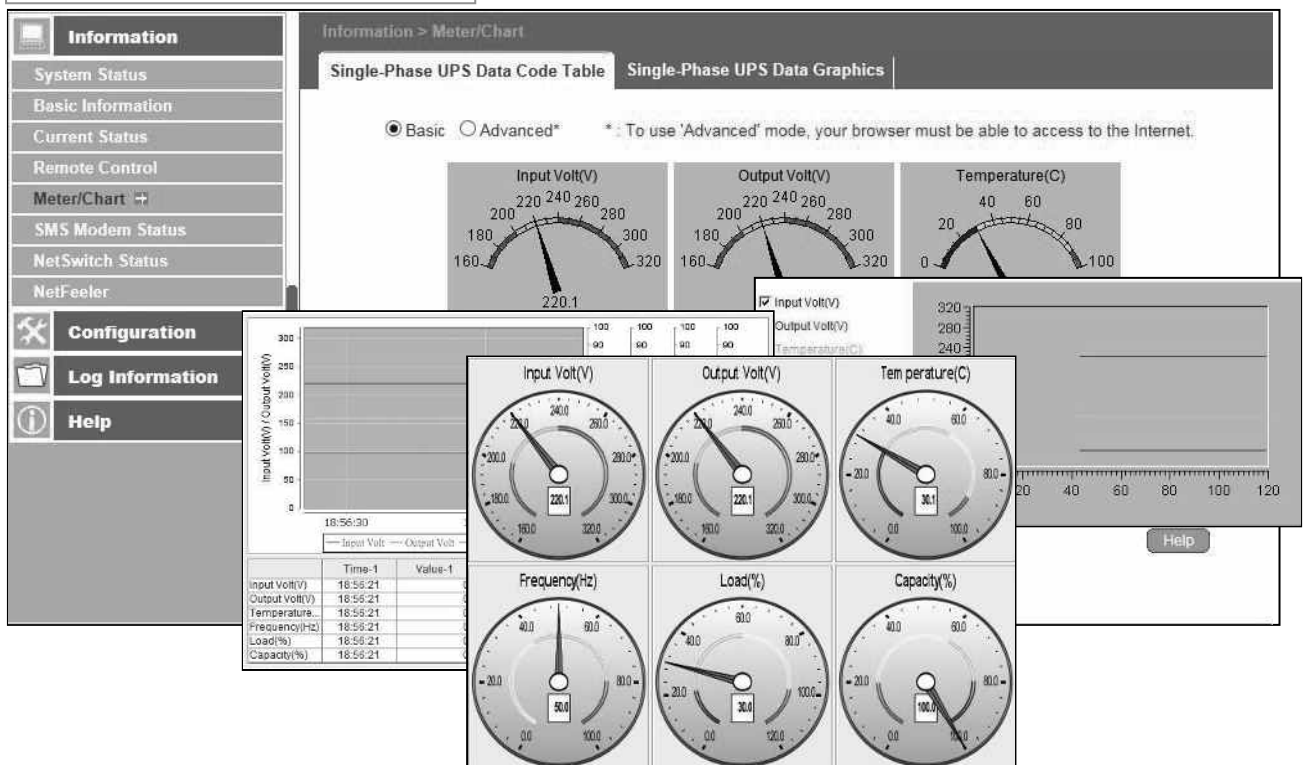
The screenshot shows the 'Remote Control' interface for NetAgent Mini & NetAgent II. The top bar has 'NetAgent' on the left and 'Remote Control' on the right. The left sidebar menu has 'Information' selected, with links to System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, and NetFeeler II. Below are 'Configuration', 'Log Information', and 'Help'. The main panel contains 'UPS Testing' and 'Miscellaneous' sections. The 'UPS Testing' section has radio buttons for '10-Second Test' (selected), 'Deep Battery Test for 10 minute(s)', 'Test until battery capacity below 10 %', 'Test Until Battery Low', and 'Cancel Test'. The 'Miscellaneous' section has radio buttons for 'Turn off UPS when AC power Fails', 'Put UPS in Sleep mode for 60 minute(s)', 'Wake up UPS', 'Reboot UPS', and 'UPS Buzzer On/Off'. At the bottom, a callout box says 'Select and Apply' with an arrow pointing to the 'Apply' button. Other buttons at the bottom right are 'Reset' and 'Help'.

## ■ Information > Meter/Chart

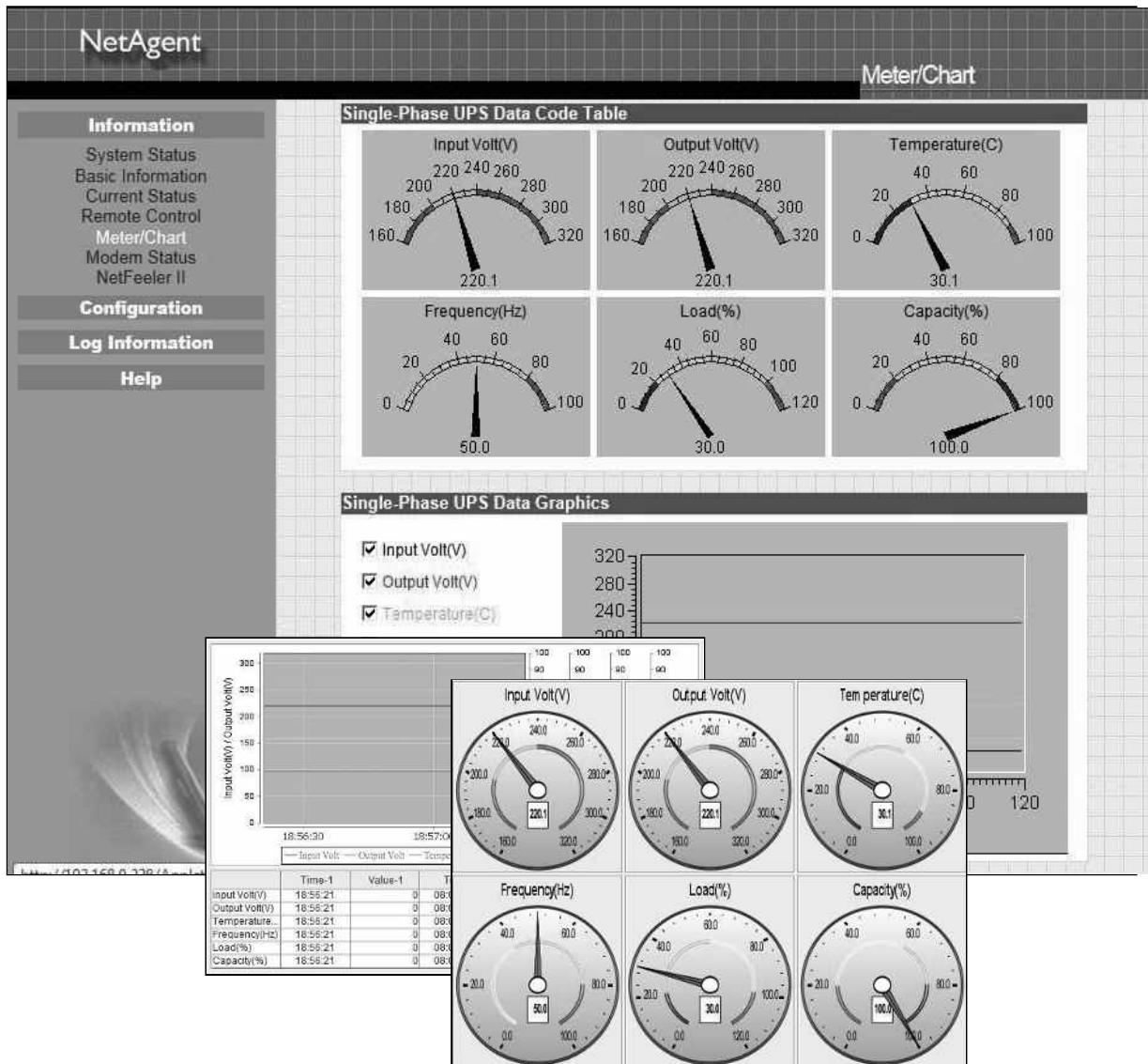
This is to show UPS Input, Output, Temperature, Frequency..etc in graphic or chart. Java is required.



## NetAgent 9 Mini & NetAgent 9



## NetAgent Mini & NetAgent II



## ■ Information > SMS Modem Status

This page shows the Modem status when GPRS modem is connecting with NetAgent 9 or NetAgent II (3 Ports)

NetAgent 9

 **Information**

System Status

Basic Information

Current Status

Remote Control


Meter/Chart

**SMS Modem Status**

NetSwitch Status

NetFeeler

 **Configuration**

 **Log Information**

 **Help**

Information > SMS Modem Status

**Modem Information**

Modem Manufacturer	SIEMENS
Modem Model	MC55
Modem Firmware Version	REVISION 04.00

**GSM Modem Current Status**

Service Provider	TWN GSM 1800
Central number of SMS service	886935874443
Signal Strength	54%
SIM card PIN is correct or not	SIM card PIN correct or no PIN configured

Help

NetAgent II 3 Ports

**NetAgent**

Modem Status

**Information**

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

**Modem Status**

NetFeeler II

**Configuration**

**Log Information**

**Help**

**Modem Information**

Modem Manufacturer	SIEMENS
Modem Model	MC55
Modem Firmware Version	REVISION 04.00

**GSM Modem Current Status**

Service Provider	TWN GSM 1800
Central number of SMS service	886935874443
Signal Strength	38%
SIM card PIN is correct or not	SIM card PIN correct or no PIN configured

Help

## ■ Information > NetSwitch Status

If NetAgent connects with our NetSwitch to control outlet remotely, this page shows the status of each outlet and each outlet can be turn On/Off manually

NetAgent 9

Select NetSwitch ID

Select NetSwitch		NetSwitch01(iSWITCH)	
Identification			
OutletA	instant shutdown	ON	
OutletB	instant shutdown	OFF	
OutletC	instant shutdown	ON	
OutletD	instant shutdown	ON	
OutletE	instant shutdown	ON	
OutletF	instant shutdown	ON	
OutletG	instant shutdown	ON	
OutletH	instant shutdown	ON	
All On			
All Off			

NetAgent II 3 Ports

Select NetSwitch:		NetSwitch01	
Identification			
OutletA	instant shutdown	ON	
OutletB	instant shutdown	OFF	
OutletC	instant shutdown	ON	
OutletD	instant shutdown	ON	
OutletE	instant shutdown	ON	
OutletF	instant shutdown	ON	
OutletG	instant shutdown	ON	
OutletH	instant shutdown	ON	
All On			
All Off			

## ■ Information > NetFeeler (NetFeeler II)

This page shows the environmental status when NetFeeler/ NetFeeler II and its accessories are connected with NetAent.

### NetAgent 9 3PORTS

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

NetFeeler

Configuration

Log Information

Help

Information > NetFeeler

NetFeeler Status

Environmental Temperature	29.1 °C ( 84.3 °F )	Security1 Status	Normal
Environmental Humidity	54 %	Security2 Status	Normal
Water Status	Alarm	Security3 Status	Normal
Gas Status	Normal	Security4 Status	Normal
Smoke Status	Normal	Security5 Status	Normal
		Security6 Status	Normal
		Security7 Status	Normal

Reset Alarm Help

Refresh status every 5 seconds

### NetAgent II 3 Ports

NetAgent

NetFeeler II

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

Modem Status

NetFeeler II

Configuration

Log Information

Help

Refresh status every 10 seconds

NetFeeler II Status

Environmental Temperature	27.3 °C ( 81.1 °F )
Environmental Humidity	58 %
Water Status	Alarm
Gas Status	Normal
Smoke Status	Normal
Security1 Status	Normal
Security2 Status	Normal
Security3 Status	Normal
Security4 Status	Normal
Security5 Status	Normal
Security6 Status	Normal
Security7 Status	Normal

Reset Alarm Help

## ■ Configuration > UPS Configuration

- UPS Properties (Please refer to your UPS specification)

### UPS Communication Type:

In order to let NetAgent and UPS to establish the communication, select the compatible protocol which your UPS supported from the list. Wrong protocol selected would cause no communication at all. (Megatec is default protocol)

### Number of Batteries :

Enter the number of battery that the UPS has.

### Battery Full Charge Voltage (V) :

Enter the number of the full charged voltage per battery cell. (2.267 is default, this is recommended not to be change)

### Battery Exhausted Charge Voltage(V) :

Enter the number of exhausted voltage per battery cell. (1.667 is default, this is recommended not to be change)

### Date of Last Battery replacement(mm/dd/yyyy) :

Enter the date of last battery replacement for record

## NetAgent 9 Mini & NetAgent 9

## NetAgent Mini & NetAgent II

- Test Log

Test UPS Every :

Week /2 Weeks/ Month / Quarter UPS can be selected

Start Time of UPS Test (hh:mm) :

To enter the time to begin the test

UPS Test Type :

Test option can be select from the drop down list

UPS Data Log :

To enter the time interval to refreshing data

### NetAgent 9 Mini & NetAgent 9

### NetAgent Mini & NetAgent II



- Warning Threshold Values

Time out after loss of connection :

Send warning alarm when NetAgent and UPS lost connection at this configured time

Critical Load(%) :

When loading reaches at this % configured, NetAgent will send warning alarm

UPS Temperature (°C) :

When UPS temperature reaches at this degree configured, NetAgent will send warning alarm

Critical Capacity (%) :

When UPS battery capacity reaches at this % configured, NetAgent will send warning alarm

### NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Warning Threshold Value' configuration page for NetAgent 9 Mini & NetAgent 9. The left sidebar contains a menu with 'Information' and 'Configuration' sections. The 'Configuration' section is expanded, showing options like 'UPS Configuration', 'UPS On/Off Schedule', 'Network', 'SNMP', 'Email', 'SMS', 'Web/Telnet', 'System Time', and 'SMC Modem'. The main content area has tabs for 'UPS Properties', 'Test Log', and 'Warning Threshold Value'. The 'Warning Threshold Value' tab is active, displaying four input fields: 'Time out after loss of connection' (30 seconds), 'Critical Load (%)' (80), 'Critical Temperature (°C)' (70.0), and 'Critical Capacity (%)' (10). Below these fields are 'Apply', 'Reset', and 'Help' buttons.

### NetAgent Mini & NetAgent II

The screenshot shows the 'UPS Configuration' page for NetAgent Mini & NetAgent II. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help' sections. The 'Configuration' section is expanded, showing options like 'UPS Configuration', 'UPS On/Off Schedule', 'Network', 'SNMP', 'Email', 'SMS', 'Modem Port', 'NetFeeler II', 'WEB/Telnet', 'System Time', and 'Language'. The main content area has a 'UPS Configuration' header and three sections: 'UPS Properties', 'UPS Recorded', and 'Warning Threshold Value'. The 'Warning Threshold Value' section is expanded, displaying four input fields: 'Time out after loss of connection' (30 seconds), 'Critical Load (%)' (80), 'Critical Temperature (°C)' (70.0), and 'Critical Capacity (%)' (10). Below these fields are 'Apply', 'Reset', and 'Help' buttons.

## ■ Configuration > UPS On/Off Schedule

### ● UPS Action

When selected event happens at configured time range, UPS will be shut down

NetAgent 9 Mini & NetAgent 9

1. Time Range      2. Event      3. Time to turn off UPS      4. Add new event

Configuration > UPS On/Off Schedule

UPS Action    Weekly Schedule    Date Schedule    Wake On Lan

During 00:00 - 23:59 , if UPS Load Overrun occur, then turn off UPS after 0 minutes. Add

No.	During Time Interval(HH:MM)	Event	Delay Time (Min)	
1	00:00 - 23:59	UPS Load Overrun	10	[Delete]
2	00:00 - 23:59	AC Power Failed	8	[Delete]
3	00:00 - 23:59	UPS Battery Low	15	[Delete]
4	00:00 - 23:59	UPS Temperature Overrun	3	[Delete]

Apply    Reset    Help

Event schedule list

## NetAgent Mini & NetAgent II

NetAgent

UPS On/Off Schedule

UPS Action

During 00:00 - 23:59 , if UPS Load Overrun occur, then turn off UPS after 0 minutes. Add

No.	During Time Interval(HH:MM)	Event	Delay Time (Min)	
1	00:00 - 23:59	UPS Load Overrun	10	[Delete]
2	00:00 - 23:59	AC Power Failed	8	[Delete]
3	00:00 - 23:59	UPS Battery Low	15	[Delete]
4	00:00 - 23:59	UPS Temperature Overrun	3	[Delete]

Weekly Schedule

	Turn On (hh:mm)	Turn Off (hh:mm)
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		23:59

Date Schedule

Date (yyyy/mm/dd)	Turn On (hh:mm)	Turn Off (hh:mm)

Apply    Reset    Help

Event schedule list

- Weekly Schedule

This section is to set the time to turn on/off the UPS each day in the week.

### NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > UPS On/Off Schedule

UPS Action

Weekly Schedule

Date Schedule

Wake On Lan

	Turn On (hh:mm)	Turn Off (hh:mm)
Sunday	05:00	23:59
Monday	00:00	23:59
Tuesday	00:00	23:59
Wednesday	00:00	23:59
Thursday	00:00	23:59
Friday	00:00	23:59
Saturday	00:00	23:59

Warning will be initiated 10 minutes before Scheduled Shutdown Event

Apply

Reset

Help

### NetAgent Mini & NetAgent II

NetAgent

UPS On/Off Schedule

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

Weekly Schedule

	Turn On (hh:mm)	Turn Off (hh:mm)
Sunday	05:00	23:59
Monday	00:00	23:59
Tuesday	00:00	23:59
Wednesday	00:00	23:59
Thursday	00:00	23:59
Friday	00:00	23:59
Saturday	00:00	23:59

Date Schedule

Date (yyyy/mm/dd)	Turn On (hh:mm)	Turn Off (hh:mm)

Warning will be initiated 10 minutes before Scheduled Shutdown Event

Apply

Reset

Help

- Date Schedule

This section is to set the time to turn on/off the UPS on particular days.  
(e.g, holidays.) The settings here override the settings in **Weekly Schedule**.

### Warning will be initiated before Schedule shutdown event

NetAgent will send a warning message before a scheduled shutdown. This section sets the delay time period after the message is sent and before the scheduled shutdown is started.

## NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > UPS On/Off Schedule

UPS Action Weekly Schedule Date Schedule Wake On Lan

Date (yyyy/mm/dd)	Turn On (hh:mm)	Turn Off (hh:mm)
2017/05/06	05:00	23:00
2017/08/08	08:00	23:59
2017/09/12	09:00	17:00
2017/10/20	19:00	23:59
2017/10/22	04:00	18:00
2017/11/01	00:00	06:00
2017/12/31	00:00	07:00

Warning will be initiated 10 minutes before Scheduled Shutdown Event

Apply Reset Help

## NetAgent Mini & NetAgent II

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

UPS On/Off Schedule

Date Schedule

Date (yyyy/mm/dd)	Turn On (hh:mm)	Turn Off (hh:mm)
2017/05/06	05:00	23:00
2017/08/08	08:00	23:59
2017/09/12	09:00	17:00
2017/10/20	19:00	23:59
2017/10/22	04:00	18:00
2017/11/01	00:00	06:00
2017/12/31	00:00	07:00

Warning will be initiated 10 minutes before Scheduled Shutdown Event

Wake On Lan

Host	IP	MAC	Test
Host1			Test
Host2			Test
Host3			Test
Host4			Test
Host5			Test
Host6			Test
Host7			Test

Apply Reset Help

- Wake On Lan

This section is to wake the PC within the network when AC recovery, or, when battery capacity reaches at configured %. (Make sure the PC has such function supported and configure as “Enabled” under BIOS.) Enter the IP address of that PC and system would search its IP accordingly.

**NetAgent 9 Mini & NetAgent 9**

Configuration > UPS On/Off Schedule

UPS Action | Weekly Schedule | Date Schedule | **Wake On Lan**

**General Settings**

Host	IP	MAC	Test
Host1	192.168.1.5	00:18:F3:91:A3:C4	Test
Host2	192.168.1.4	00:03:EA:D8:2D:EF	Test
Host3			Test
Host4			Test
Host5			Test
Host6			Test
Host7			Test
Host8			Test

**Miscellaneous**

☒ Wake up remote host after power restore

☒ Wait until battery capacity reaches to 30 %

Condition to wake UPS

2.Click **【Apply.】**

Apply Reset Help

**NetAgent Mini & NetAgent II**

**NetAgent**

UPS On/Off Schedule

**Information**

**Configuration**

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

**Log Information**

**Help**

**Date Schedule**

Date (yyyy/mm/dd)	Turn On (hh:mm)	Turn Off (hh:mm)
2017/05/06	05:00	23:00
2017/08/08	08:00	23:59
2017/09/12	09:00	17:00
2017/10/20	19:00	23:59
2017/10/22	04:00	18:00
2017/11/01	00:00	06:00
2017/12/31	00:00	07:00

Warning will be initiated 10 minutes before Scheduled Shutdown Event

**Wake On Lan**

Host	IP	MAC	Test
Host1	192.168.1.5	00:18:F3:91:A3:C4	Test
Host2	192.168.1.3	00:03:EA:14:B3:09	Test
Host3			Test
Host4			Test
Host5			Test
Host6			Test
Host7			Test
Host8			Test

**Miscellaneous**

☒ Wake up remote host after power restore

☒ Wait until battery capacity reaches to 30 %

Apply Reset Help

## ■ Configuration > Network

This page is to set NetAgent Network settings.

### ● IPv4

NetAgent and DNS IP address can be obtained by drop down list with option of Manually, Using DHCP, or Bootp. If the IP address and DNS has been configured on Netility, then info will automatically show here

#### NetAgent 9 Mini & NetAgent 9

Configuration > Network

IPv4 IPv6 Ethernet Dynamic DNS PPPoE

**IP Address**

IP Address: 192.168.1.100

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

Obtain an IP address: Manually

**DNS Server IP**

Primary DNS Server IP: 168.95.1.1

Secondary DNS Server IP: 8.8.8.8

Obtain DNS Server IP: Manually

Apply Reset Help

#### NetAgent Mini & NetAgent II

NetAgent

Network

**IP Address**

IP Address: 192.168.1.100

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

Obtain an IP address\*: Manually

**DNS Server IP**

Primary DNS Server IP: 192.168.1.100

Secondary DNS Server IP: 8.8.8.8

**Ethernet**

Connection Type\*: Auto Sense

Stop UPS communication when Ethernet disconnected: No

Apply Reset Help

- IPv6

All NetAgent 9 series supports IPv6. IP address can be obtain from the drop down list with option of ( Automatic/Stateless DHCPV6/DHCPV6/Manual )

☛Once click on Apply, NetAgent will reboot

## NetAgent 9 Mini & NetAgent 9

Configuration > Network

IPv4 **IPv6** Ethernet Dynamic DNS PPPoE

**IP Address**

IP Address: [2001:b011:200b:14f4:49ad:ddeb:7f2]

IPv6 Prefix: 64

Gateway: [fe80::16d6:4dff:fe33:e962]

Obtain an address \*: Automatic (Selected)

Router Discovery Autorespond: Yes

Maximum Number of IPv6 Prefix: 8

Multicast Address: [FF1E::1] : 5000

**DNS Server IP**

Primary DNS Server: 2001:b000:168::1

Secondary DNS Server: 2001:b000:168::1 x

\*: System will reboot when these items have been Applied.

Apply Reset Help

Information > System Status

System Information Network Status

**Ethernet**

MAC Address: 00:03:EA:14:B3:09

Connection Type: 100Mbps Full-Duplex

**General**

Email Server

Time Server: time.nist.gov

PPPoE IP

PPPoE IPv6

**IPv4**

IP Address: 192.168.1.100

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS Server: 168.95.1.1

Secondary DNS Server: 8.8.8.8

**IPv6**

IP Address: 2001:b011:200b:14f4:203:eaff:fe14:b309/64

LinkLocal Address: fe80::203:eaff:fe14:b309/64

6to4 Address

Gateway: fe80::16d6:4dff:fe33:e962

Primary DNS Server

Secondary DNS Server

Help

NetAgent IX

Information > Current Status

Input Status Output Status Battery Status

AC Status: Normal

**Latest Events**

[05:25:37] Internal diagnostic self-test passed.

[05:25:13] Internal diagnostic self-test failed.

[05:24:28] Utility power has been restored.

- Ethernet

### Connection Type

This section is to set communication speed between NetAgent and Network.

✳ Once click on Apply, NetAgent will reboot

### Stop UPS communication when Ethernet disconnected

This section is to set if to stop UPS communication when NetAgent disconnects with Ethernet

## NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Configuration > Network' page for NetAgent 9. The left sidebar contains 'Information' and 'Configuration' sections. The 'Configuration' section is expanded, showing options like UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Web/Telnet, System Time, SMS Modem, NetSwitch, NetFeeler, Modbus, and Language. The 'Network' tab is selected, showing 'IPv4', 'IPv6', 'Ethernet', 'Dynamic DNS', and 'PPPoE' sub-tabs. The 'Ethernet' sub-tab is active, displaying 'Connection Type\*' set to 'Auto Sense' and 'Stop UPS communication when Ethernet disconnected' set to 'No'. A tooltip for 'Auto Sense' lists: 10Mbps Half-Duplex, 10Mbps Full-Duplex, 100Mbps Half-Duplex, and 100Mbps Full-Duplex. At the bottom, there are 'Apply', 'Reset', and 'Help' buttons. A note states: '\*: System will reboot when these items have been Applied.'

## NetAgent Mini & NetAgent II

The screenshot shows the 'NetAgent' configuration interface for 'NetAgent Mini & NetAgent II'. The left sidebar contains 'Information', 'Configuration', 'Log Information', and 'Help' sections. The 'Configuration' section is expanded, showing options like UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, and Language. The 'Network' tab is selected, showing 'Obtain an IP address\*' set to 'Manually', 'DNS Server IP' (Primary: 168.95.1.1, Secondary: 8.8.8.8), 'Ethernet' (Connection Type: Auto Sense, Stop UPS communication when Ethernet disconnected: No, Modbus on TCP Device ID: 1), and 'Dynamic DNS' (Services Provider: None, Domain Name: ). A tooltip for 'Auto Sense' lists: 自動偵測, 10Mbps 半雙工, 10Mbps 全雙工, 100Mbps 半雙工, and 100Mbps 全雙工. At the bottom, there are 'Apply', 'Reset', and 'Help' buttons. A note states: '\*: System will reboot when these items have been Applied.'



- Dynamic DNS

This is a free service that allows the user to alias a dynamic IP address to a static hostname. Ensure account/password has been registered from the DNS service provider

Service Provider

Dynamic DNS providers can be select from the list

Domain Name

This is the Domain Name you have created from the above selected DDNS provider

Login Name

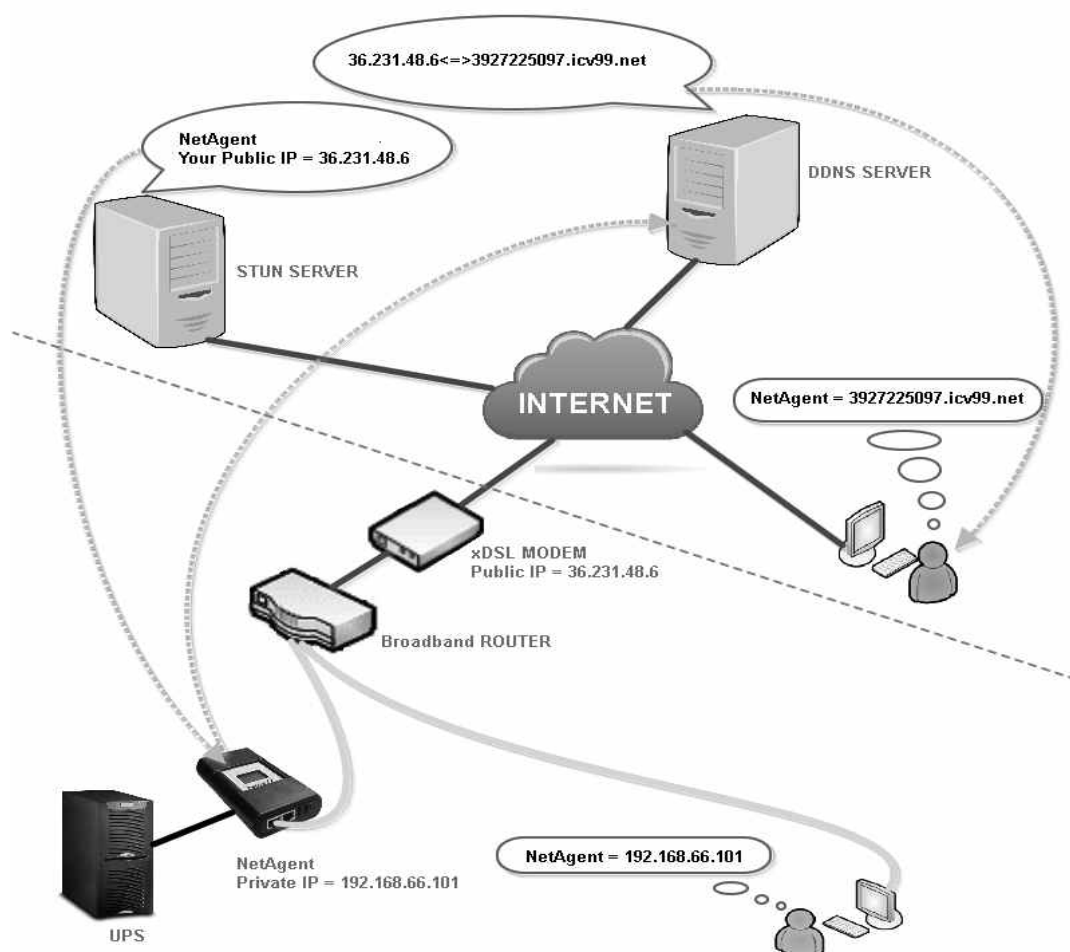
This is the Login / Account name that you have created with the selected DDNS provider.

Login Password:

Enter the Password you have assigned to your DDNS Account.

Use external STUN server to get Public IP to register

Choose **Yes** to ensure that NetAgent uses the WAN / Public IP to update the selected DDNS server



If to use icv99.net as Service Provide which host by Megatec, instruction asb elow:

1. Ensure NetAgent is able to connect to Internet. Select icv99.net from the drop down list of the Service Provider. The Domain Name and Login Name will automatically be fill-in with serial number of the device. Enter the password of the NetAgent which is printed on the NetAgent label, then click Apply.

#### NetAgent 9 Mini & NetAgent 9

The screenshot shows the NetAgent 9 configuration interface. The browser address bar displays <http://192.168.66.101/>. The page title is "NetAgent". A notification banner at the top says "4.Registration complete" with a right arrow. Below the banner, the "Configuration > Network" section is active, with the "Dynamic DNS" tab selected. The "Service Provider" dropdown is open, showing a list of options: None, 3322.org, dhs.org, DynDNS(Dynamic), DynDNS(Custom), myddns.com, zive.org, freedns.org, and icv99.net. The "icv99.net" option is highlighted. The "Domain Name" field is filled with "3927225097.icv99.net". The "Login Name" field is filled with "3927225097". The "Login Password" field is filled with "\*\*\*\*\*". The "Use external STUN server to get Public IP to register" checkbox is checked. The "Primary STUN Server IP" is "211.67.53". The "Secondary STUN Server IP" is empty. A callout box labeled "1. Select icv99.net" points to the dropdown. Another callout box labeled "2. Enter password" points to the "Login Password" field. A third callout box labeled "3. Click Apply" points to the "Apply" button. An image of the NetAgent 9 Mini device label is shown, displaying the following information: S/N: Y-3927225097, Model: BY506, MAC: 00-03-EA-14-B2-E0, Password: 24931D03.

#### NetAgent Mini & NetAgent II

The screenshot shows the NetAgent Mini & NetAgent II configuration interface. The browser address bar displays <http://192.168.66.103/>. The page title is "NetAgent". The "Configuration" section is active, with the "Dynamic DNS" tab selected. The "Service Provider" dropdown is open, showing a list of options: None, 3322.org, dhs.org, DynDNS(Dynamic), DynDNS(Custom), myddns.com, zive.org, and icv99.net. The "icv99.net" option is highlighted. The "Domain Name" field is filled with "3926404591.icv99.net". The "Login Name" field is filled with "3926404591". The "Login Password" field is filled with "\*\*\*\*\*". The "Use external STUN server to get Public IP to register" checkbox is checked. The "Primary STUN Server IP" is "211.21.67.53". The "Secondary STUN Server IP" is empty. A callout box labeled "1. Select icv99.net" points to the dropdown. Another callout box labeled "2. Enter Password" points to the "Login Password" field. A third callout box labeled "3. Click Apply" points to the "Apply" button. An image of the NetAgent II device label is shown, displaying the following information: S/N: T-3926404591, Model: BT506, MAC: 00-03-EA-08-2D-EF, Password: 28B1ED12.

2. If using router, please login to router and direct IP and port number under virtual server for port forwarding. Kindly refer to router's manual

### Router Configuration

**VIRTUAL SERVER**  
PORT FORWARDING  
APPLICATION RULES  
QOS ENGINE  
NETWORK FILTER  
ACCESS CONTROL  
WEBSITE FILTER  
INBOUND FILTER  
FIREWALL SETTINGS  
ROUTING  
ADVANCED WIRELESS

**VIRTUAL SERVER**  
The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.  
Save Settings Don't Save Settings

**24 -- VIRTUAL SERVERS LIST**

	Name	Application Name	Port	Traffic Type	Schedule
<input checked="" type="checkbox"/>	BY506	<< Application Name	Public Port 80	Protocol TCP	Schedule Always
	IP Address 192.168.66.101	<< Computer Name	Private Port 80	6	Inbound Filter Allow All

3. After 20 minutes, NetAgent should be login with its DDNS Domain name

### NetAgent 9 Mini & NetAgent 9

<http://3927225097.icv99.net/>
UPS Agent(My Office)

**NetAgent IX**

**Information**  
System Status  
Basic Information  
Current Status  
Remote Control  
Meter/Chart  
SMS Modem Status

**Information > Current Status**  
Input Status Output Status Battery Status

AC Status Normal  
Input Line Voltage 220.1 V  
Input Max. Line Voltage 220.1 V  
Input Min. Line Voltage 220.1 V  
Input Frequency 50.0 Hz

### NetAgent Mini & NetAgent II

<http://3926404591.icv99.net/>
UPS Agent(My Office)

**NetAgent**

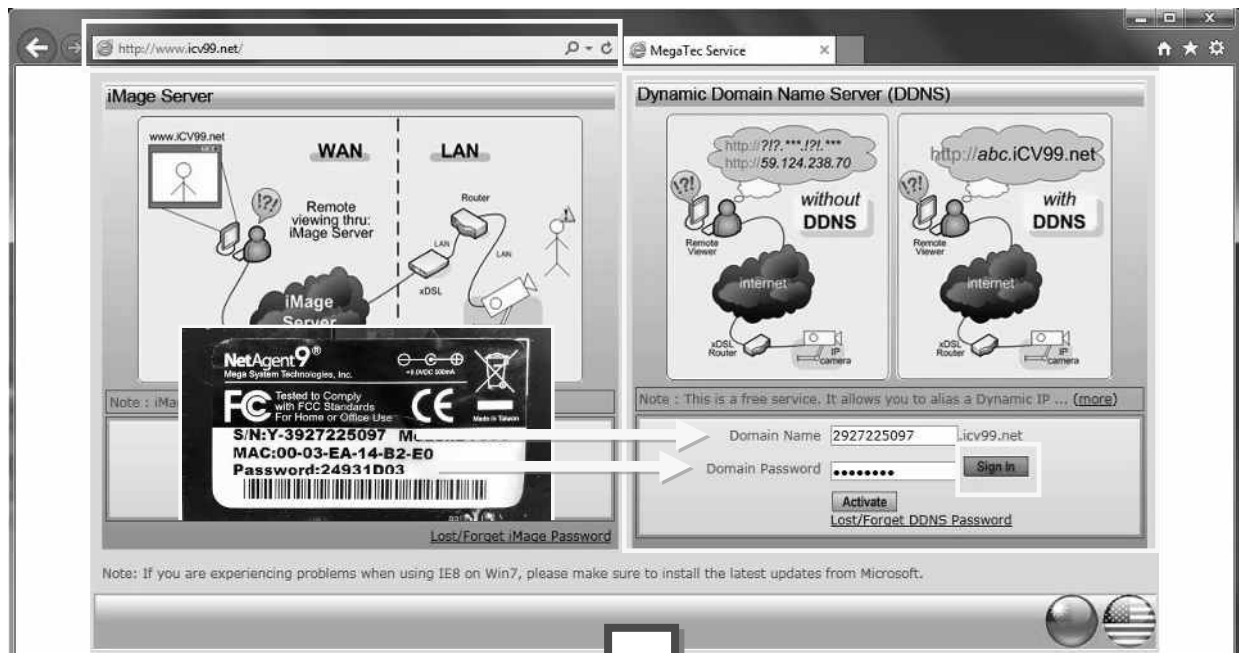
**Information**  
System Status  
Basic Information  
Current Status  
Remote Control  
Meter/Chart  
Modem Status  
NetFeeler II

**Configuration**  
Log Information  
Help

**Current Status**  
Refresh status every 10 seconds

**UPS Status** UPS Normal  
**Input Status**  
AC Status Normal  
Input Line Voltage 220.1 V  
Input Max. Line Voltage 220.1 V  
Input Min. Line Voltage 220.1 V  
Input Frequency 50.0 Hz  
**Output Status**  
Output Voltage 220.1 V  
Output Status Online  
UPS load 10 %  
**Battery Status**  
Temperature 30.1 °C ( 86.1 °F )  
Battery Status Battery Normal  
Battery Capacity 100 %  
Battery Voltage 325.2 V  
Time on Battery 00:00:00  
Estimated Battery Remaining Time 00:00:00  
UPS Last Self Test --  
UPS Next Self Test --

4. To change domain name or password, please go to [www.icv99.net](http://www.icv99.net)



Dynamic Domain Name Server (DDNS) Logout

Step 1 : Registration Step 2 : Set Domain Name and Click Done

Product Serial number	3927225097
Register IP	127.0.0.1
Default Domain Name	3927225097.icv99.net

Set New Domain Name	bty505 .icv99.net	New Domain name
Domain Password	****	Enter new password
Re-enter Password	****	
E-mail address	ttc@gmail.com	Enter email

\* Blank = Use existing password  
Required, if a new domain name is assigned. Must be 4 to 10 characters (0-9, a-z, A-Z only).

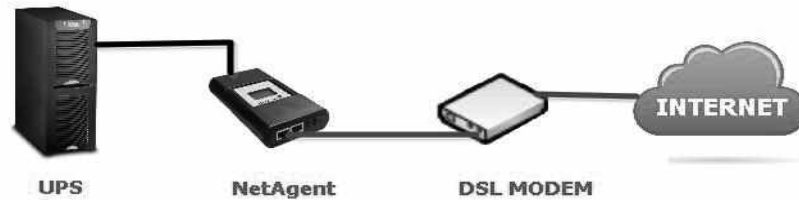
Required field. Used to retrieve Lost/Forget password.

Done

Click on Done

- PPPoE

Use this option to allow NetAgent to connect to the Internet directly using your xDSL modem by PPPoE. Enter the Login name and password to enable the connection. Once set-up, NetAgent will connect directly to the Internet, any abnormal connection failure would also cause to re-dial



### NetAgent 9 Mini & NetAgent 9

Configuration > Network

IPv4 | IPv6 | Ethernet | Dynamic DNS | **PPPoE**

When Connection should be made: **Select Connect Always** (Connect always ☒)

Login Name: **Enter Login Name** (87742936@hinet.net)

Login Password: **Enter Password** (.....)

Buttons: Apply, Reset, Help

### NetAgent Mini & NetAgent II

NetAgent

Network

Obtain an IP address\*: Using DHCP

DNS Server IP: Primary DNS Server IP (192.168.66.1), Secondary DNS Server IP

Ethernet: Connection Type\* (Auto Sense), Stop UPS communication when Ethernet disconnected (No), Modbus on TCP Device ID (1)

Dynamic DNS: Services Provider (icv99.net), Domain Name (3926404591.icv99.net), Login Name (3926404591), Login Password (.....)

Use external STUN server to get Public IP to register: Primary STUN Server IP, Secondary STUN Server IP

PPPoE: When Connection should be made: **Select Connect Always** (Connect always ☒)

Login Name: **Enter Login Name** (87742936@hinet.net)

Login Password: **Enter Password** (.....)

Buttons: Apply, Reset, Help

\*: System will reboot when these items have been Applied.

## ■ Configuration > Wireless

This is to configure Wireless network with USB wireless dongle. This feature only apply to NetAgent 9 model of BX and BY series. (USB wireless dongle is optional)  
NetAgent 9 BX/BY models supports wireless encryption of Open system; Shared Key; WEP(64 /128 bit) / WPA / WPA2(TKIP/AES)

- Connect the compatible USB wireless dongle to BX/BY NetAgent



- Click on **【Scan】** to search for all the available AP. Select the AP, then enter its SSID, Authentication, WPA Encryption, WPA Key , then click on Apply

### NetAgent 9 Mini & NetAgent 9

**Information**

**Configuration**

- UPS Configuration
- UPS On/Off Schedule
- Network
- Wireless**
- SNMP
- Email
- SMS
- Web/Telnet
- System Time
- SMS Modem
- NetSwitch
- NetFeeler
- Modbus
- Language

**Log Information**

**Help**

Configuration > Wireless

AP Setting | IPv4 | IPv6

SSID	MAC Address	Network Security	Auth(Enc)	Signal(%)
<input type="radio"/> Megatec_Radius1	00:90:cc:f4:98:98	Secure Network	WPA(2) (AES )	██████████
<input type="radio"/> DASAN_GONT	00:d0:cb:ef:06:22	Secure Network	WPA2-PSK (AES )	██████████
<input checked="" type="radio"/> T1_WiFi	14:d6:4d:33:e9:62	Secure Network	WPA2-PSK (TKIP )	██████████

1. Scan → [Scan] [Select]

2. Select AP → [T1\_WiFi]

3. Select Authentication → [WPA2-PSK]

4. Select WPA → [TKIP] [AES]

5. Enter WPA Key → [WPA Key (8 to 64 characters)]

6. Apply → [Apply] [Reset] [Help]

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

Wireless

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > Wireless

AP Setting IPv4 IPv6

SSID	MAC Address	Network Security	Auth(Enc)	Signal(%)
<input type="radio"/> Megatec_Radius1	00:90:cc:f4:98:98	Secure Network	WPA(2) (AES )	
<input type="radio"/> DASAN_GONT	00:d0:cb:ef:06:22	Secure Network	WPA2-PSK (AES )	
<input checked="" type="radio"/> T1_WiFi	14:d6:4d:33:e9:62	Secure Network(Connected)	WPA2-PSK (TKIP )	

7. Connected

SSID

T1\_WiFi

Authentication

WPA2-PSK

WPA Encryption

TKIP

WPA Key (8 to 64 characters)

\*\*\*\*\*

Scan

Select

Apply

Reset

Help

Connection Information can be check from 【Information】 > 【System Status】 > 【Wireless Status】

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

NetFeeler

Configuration

Log Information

Help

Information > System Status

System Information Network Status Wireless Status

Ethernet

MAC Address 54:E6:FC:90:17:EC

General

Primary DNS Server 192.168.66.1

Secondary DNS Server

IPv4

IP Address 192.168.66.103

Subnet Mask 255.255.255.0

Gateway 192.168.66.1

IPv6

IP Address

LinkLocal Address fe80::58e6:fcff:fe90:17ec/64

Gateway

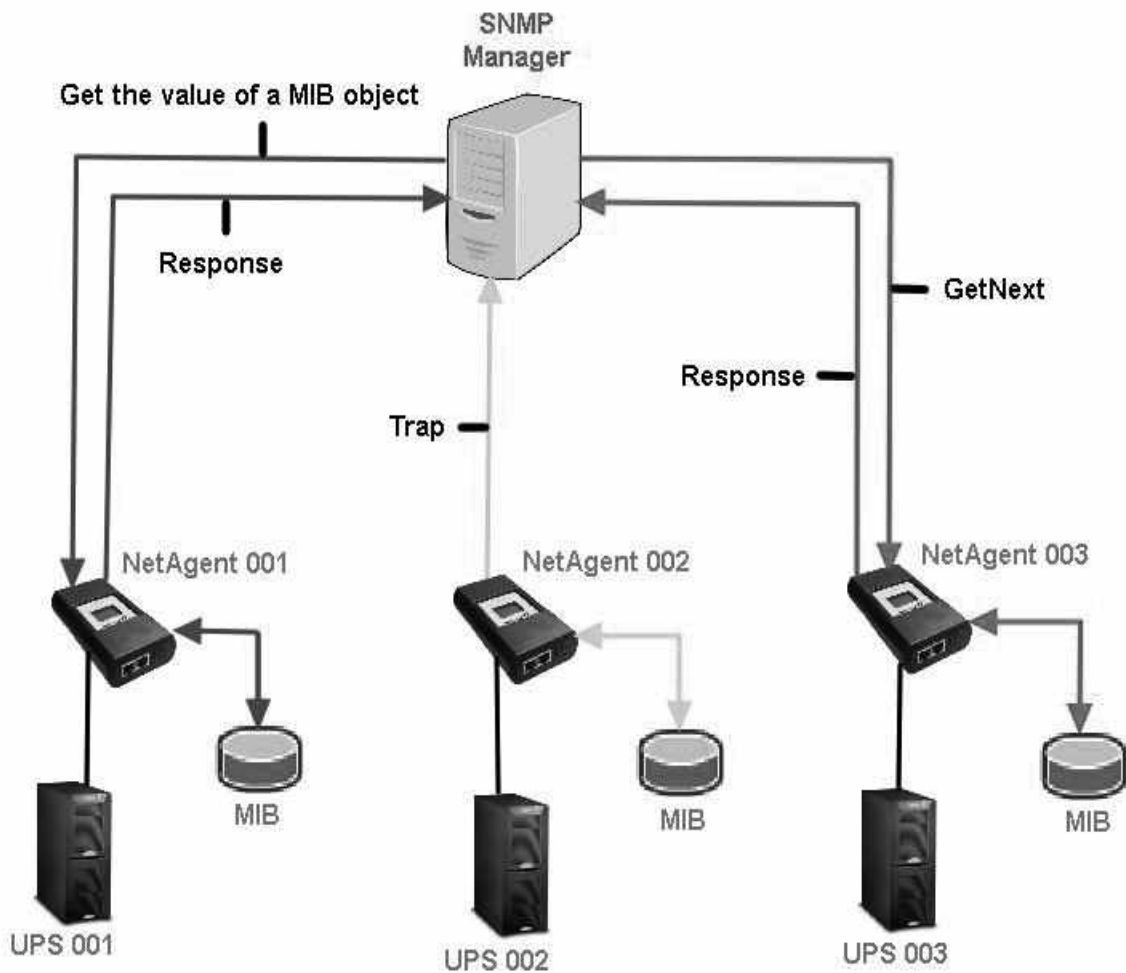
Help

## ■ Configuration > SNMP

This page is to set NetAgent SNMP settings so it can be used by a NMS ( Network Management System). (e.g: SNMPView, it can be available on the NetAgent Utility CD.)

SNMP version supported by NetAgent type

	SNMP V1	SNMP V2	SNMP V3
<b>NetAgent 9 &amp; Mini</b>	✓	✓	✓
<b>NetAgent II &amp; Mini</b>	✓	✓	





- General

## MIB System

### System Name

This section is to give a name to the NetAgent.

### System Contact

This section is to give a name to the administrator.

### System Location

This section is to set NetAgent location.

## SNMP UDP Port

### NetAgent SNMP Port :

The port that NetAgent receive and send SNMP command. (Default is 161)

### Trap Receive Port :

The port to receive trap. (Default is 162)

## SNMPv3 Engine ID

### SNMPv3 Engine ID Format Type :

When using SNMPv3, NetAgent requires to have its Engine ID for identification to generates authentication and encryption key . Format type can be select from the drop down list with option of MAC Address / IPv4 / IPv6 / Manual

✳Once click on Apply, NetAgent will reboot

### SNMPv3 Engine ID Text :

SNMPv3 Engine ID content

## NetAgent 9 Mini & NetAgent 9

Information	
Configuration	
UPS Configuration	
UPS On/Off Schedule	
Network	
SNMP	
Email	
SMS	
Web/Telnet	
System Time	
SMS Modem	
NetSwitch	
NetFeeler	
Modbus	
Language	
Log Information	
Help	

Configuration > SNMP

General
Access Control
Trap Notification
Device Connected

MIB System

System Name

System Contact

System Location

SNMP UDP Port

NetAgent SNMP Port

Trap Receive Port

SNMPv3 Engine ID

SNMPv3 Engine ID Format Type \*

SNMPv3 Engine ID Text

\*: System will reboot when these items have been Applied.

## NetAgent Mini & NetAgent II

**NetAgent** SNMP

**Information**

**Configuration**

- UPS Configuration
- UPS On/Off Schedule
- Network
- SNMP
- Email
- SMS
- Modem Port
- NetFeeler II
- WEB/Telnet
- System Time
- Language

**Log Information**

**Help**

**MIB System**

System Name	System Contact	System Location
UPS Agent	Administrator	My Office

**Access Control**

Manager IP Address	Community	Permission	Description
****	public	Read/Write	
****	public	No Access	
****	public	No Access	
****	public	No Access	
****	public	No Access	
****	public	No Access	
****	public	No Access	

**SNMP UDP Port**

NetAgent SNMP Port*	Trap Receive Port*
161	162

\*: System will reboot when this item has been Applied.

Apply Reset Help

### ● Access Control

#### Manager IP Address :

This is to set the IP address that the administrator can manage NetAgent from. It is valid for up to 8 IP addresses. To manage NetAgent from any IP address, enter \*.\*.\*.\* into **Manager IP address**.

#### Version:

This is to select between SNMPv1& SNMPv2 or SNMPv3 (SNMPv3 only applies to NetAgent 9 series) When select All and V3, user name, password, authentication and privacy are required

#### Community :

This section is to set a Community name for NMS. The community name has to be as the same as the setting in NMS. (Default is public)

#### Permission :

This is to set authorities of administrators. Options are Read, Read/Write, and No Access.

#### Description :

This is to make note for administrator's reference

## NetAgent 9 Mini & NetAgent 9

**Configuration > SNMP**

**General** **Access Control** **Trap Notification** **Device Connected**

**Manager IP**

Address	Version	Community
192.168.66.2	V1 & V2C	public
192.168.66.88	V3	public
192.168.66.86	V1 & V2C	public
192.168.66.105	V1 & V2C	public
192.168.66.128	V1 & V2C	public
192.168.66.147	V1 & V2C	public
192.168.66.211	V1 & V2C	public
****	All	

**SNMP Version all Settings**

User Name: USER2658

Authentication Protocol: MD5

Authentication Password: \*\*\*\*\*

Privacy Protocol: DES

Privacy Password: \*\*\*\*\*

At least 8 characters

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read

2 F

6 F

Apply Reset Help

\*\*\*\* means any IP

## NetAgent Mini & NetAgent II

MIB System			
System Name	System Contact	System Location	
UPS Agent	Administrator	My Office	

Access Control			
Manager IP Address	Community	Permission	Description
192.168.66.2	public	Read/Write	2F
192.168.66.88	public	Read/Write	
192.168.66.86	public	Read/Write	
192.168.66.105	public	Read/Write	
192.168.66.128	public	Read/Write	6F
192.168.66.147	public	Read/Write	
192.168.66.211	public	Read/Write	
****	public	Read	

### ● Trap Notification

#### Trap Notification

##### Destination IP Address :

To set receivers IP address for receiving traps sent by NetAgent. It is valid for up to 8 IP Addresses.

##### Accept :

Select the trap type of its SNMP version or Inform from drop down list. When SNMPv3 trap or SNMPv3 Inform is selected, username/password and authentication information are required.

##### Community :

Trap receiver and NetAgent must be same community. (Default is public)

##### Trap Type :

Select from PPC MIB or RFC1628 MIB (Default is PPC)

★MIB file is available in the CD provided with NetAgent

##### Severity :

This section is to set Trap level for each receiver. There are three levels as below

- ☐ Information: To receive all traps.
  - ☐ Warning: To receive only “warning” and “severe” traps.
  - ☐ Severe: To receive only “severe” traps.
- ( Please refer to NMS manual for Trap levels.)

##### Description :

This is to make note for administrator’s reference

##### Events :

This is to select events for NetAgent to send traps. Click on Select to show the full Events List. Click on Test to send test trap to ensure all setting is correct

Send Power Restore and Adaptor Restore Traps for X time(s) in X second(s) Interval.

This is to set number of trap to send in preset second when power restore on NetAgent. This is to check if the communication between trap receiver and NetAgent remains well or not after power recovers

**SNMP Inform Request**

This is to set the number of times that the NetAgent can request a response from the sending Inform host with a preset value . (Default is 3 times and an interval of 5 seconds)

**NetAgent 9 Mini & NetAgent 9**

Configuration > SNMP

General | Access Control | **Trap Notification** | Device Connected

**Trap Notification**

Destination IP	Accept	Community	Trap Type	Severity	Description	Events
192.168.66.12	SNMPv3 Trap	public	PPC	Information	5F IDC	Select Test
192.168.66.28	SNMPv1 Trap	public	PPC	Information	6F IDC	Select Test
192.168.66.45	SNMPv2 Trap	public	PPC	Warning	7F IDC	Select Test
192.168.66.67	SNMPv2 Inform	public	PPC	Severe	8F IDC	Select Test
192.168.66.70	SNMPv2 Trap	public	PPC	Warning	9F IDC	Select Test
192.168.66.101	SNMPv2 Inform	public	PPC	Severe	10F IDC	Select Test
192.168.66.21*	SNMPv2 Trap	public	PPC	Warning	11F IDC	Select Test
192.168.66.234	SNMPv3 Inform	public	PPC	Information	12F IDC	Select Test

Send Power Restore and Adapter Restore Traps for 2 time(s) in 5 second(s) interval.

**SNMP Inform Request**

Number of Retries: 3

Timeout (sec): 5

Apply Reset Help

**Legend:**

- No
- SNMPv1 Trap
- SNMPv2 Trap
- SNMPv2 Inform
- SNMPv3 Trap
- SNMPv3 Inform
- PPC
- RFC1628
- Information
- Warning
- Severe

**SNMPv3 Trap Settings**

User Name: admin1028

Authentication Protocol: MD5

Authentication Password: \*\*\*\*\*

Privacy Protocol: DES

Privacy Password: \*\*\*\*\*

None MD5 SHA

Apply Reset

**Select Event**

UPS Events NetFeeder II

Schedule Shutdown Event	YES	NO
UPS Failure	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Test mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Sleeping mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Boost mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS Load Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Communication Loss	<input checked="" type="radio"/>	<input type="radio"/>
Turn Off UPS	<input checked="" type="radio"/>	<input type="radio"/>
AC Power Failed	<input checked="" type="radio"/>	<input type="radio"/>
UPS Battery Low	<input checked="" type="radio"/>	<input type="radio"/>
UPS Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Capacity Underrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Bypass mode	<input checked="" type="radio"/>	<input type="radio"/>

Select All Clear All Apply

## NetAgent Mini & NetAgent II

**NetAgent**

**Information**

**Configuration**

UPS Configuration  
UPS On/Off Schedule  
Network  
SNMP  
Email  
SMS  
Modem Port  
NetFeeler II  
WEB/Telnet  
System Time  
Language

**Log Information**

**Help**

**SNMP**

192.168.66.211  
\*\*\*\*

public  
public

Read/Write  
Read

**Trap Notification**

Destination IP Address	Community	Trap Type	Severity	Accept	Description	Events
192.168.66.12	public	PPC	Information	SNMPv1 Trap	5F IDC	Select Test
192.168.66.28	public	RFC1628	Warning	SNMPv2 Trap	6F IDC	Select Test
192.168.66.45	public	PPC	Severe	SNMPv2 Inform	7F IDC	Select Test
192.168.66.67	public	PPC	Information	SNMPv1 Trap	8 IDC	Select Test
192.168.66.70	public	PPC	Warning	SNMPv2 Trap	9 IDC	Select Test
192.168.66.33	public	PPC	Severe	SNMPv2 Inform	10 IDC	Select Test
192.168.66.90	public	PPC	Information	SNMPv2 Trap	11 IDC	Select Test
192.168.66.17	public	PPC	Information	SNMPv2 Inform	12 IDC	Select Test

Send Power Restore and Adapter Restore Traps for 2 time(s) in 5 second(s) interval.

**SNMP Inform Request**

Number of Retries: 3  
Timeout (sec): 5

**Device Connected**

Device	Rating (%)	Connected
	0	NO
	0	NO
	0	NO
	0	NO

**SNMP UDP Port**

NetAgent SNMP Port\*  
Trap Receive Port\*

\*: System will reboot when this item has been Applied.

Apply Reset Help

UPS Events	Yes	No
Schedule Shutdown Event	<input checked="" type="radio"/>	<input type="radio"/>
UPS Failure	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Test mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Sleeping mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Boost mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS Load Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Communication Lost	<input checked="" type="radio"/>	<input type="radio"/>
Turn Off UPS	<input checked="" type="radio"/>	<input type="radio"/>
AC Power Failed	<input checked="" type="radio"/>	<input type="radio"/>
UPS Battery Low	<input checked="" type="radio"/>	<input type="radio"/>
UPS Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Capacity Underrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Bypass mode	<input checked="" type="radio"/>	<input type="radio"/>
NetFeeler II	Yes	No
Smoke Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Water Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Gas Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Security Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Temperature Underrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Humidity Overrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Humidity Underrun	<input checked="" type="radio"/>	<input type="radio"/>

Select All Clear All Apply

- Device Connected

This section is to set the usage power and connection status of other devices which connects to the same UPS as NetAgent uses.

### NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > SNMP

General | Access Control | Trap Notification | Device Connected

	Device	Rating (%)	Connected
1	EPSON PRINTER	25	YES
2	ACER LCD	15	YES
3	ASUS i5 PC	20	YES
4	HP i5 PC	20	YES

Apply

Reset

Help

### NetAgent Mini & NetAgent II

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

NetAgent

SNMP

Destination IP Address	Community	Trap Type	Severity	Trap Type	Destination	Events
192.168.66.12	public	PPC	Information	SNMPv1 Trap	5F IDC	Select Test
192.168.66.28	public	RFC1628	Warning	SNMPv2 Trap	6F IDC	Select Test
192.168.66.45	public	PPC	Severe	SNMPv2 Inform	7F IDC	Select Test
192.168.66.67	public	PPC	Information	SNMPv1 Trap	8 IDC	Select Test
192.168.66.70	public	PPC	Warning	SNMPv2 Trap	9 IDC	Select Test
192.168.66.33	public	PPC	Severe	SNMPv2 Inform	10 IDC	Select Test
192.168.66.90	public	PPC	Information	SNMPv2 Trap	11 IDC	Select Test
192.168.66.17	public	PPC	Information	SNMPv2 Inform	12 IDC	Select Test

Send Power Restore and Adapter Restore Traps for 2 time(s) in 5 second(s) interval.

SNMP Inform Request

Number of Retries

3

Timeout (sec)

5

Device Connected

Device	Rating (%)	Connected
EPSON PRINTER	25	YES
ACER LCD	15	YES
ASUS i5 PC	20	YES
HP i5 PC	20	YES

SNMP UDP Port

NetAgent SNMP Port\*

161

Trap Receive Port\*

162

\* : System will reboot when this item has been Applied.

Apply

Reset

Help

## ■ Configuration > Email

To send email notification when event occurs or data log

### ● Email Setting

#### Email Server:

Enter the address of email server

#### Email Port:

Email Port that use for sending email

#### Enable SSL on Email Transmission:

Select SSL type for email transmission

Type of encryption that NetAgent model supports

	SSL	TLS	STARTTLS
NetAgent 9 & Mini	✓	✓	✓
NetAgent II DT/CT/BT	✓		

#### Sender's Email Address :

To enter the email address that for sending email

#### Email Server Requires Authentication :

If such email server requires authentication or not

#### Account name :

If authentication is required, enter its account name

#### Password :

If authentication is required, enter its password

#### Sending Test Mail :

Enter email address to check all configuration is correct or not to receiving mail

## NetAgent 9 Mini & NetAgent 9

**Configuration > Email**

**Email Setting** | Email for Event Log | Email for Daily Report

Email Server: smtp.gmail.com

Email Port: 465

Enable SSL on Email Transmission: SSL/TLS

Sender's Email Address: ttc@gmail.com

Email Server Requires Authentication: YES

Account Name: ttc

Password: \*\*\*\*\*

Sending test mail:  **Test Mail**

SSL/TLS  
STARTTLS  
NONE

Apply Reset Help

---

**Configuration > Email**

**Email Setting** | Email for Event Log | Email for Daily Report

Email Server: smtp.gmail.com

Email Port: 465

Enable SSL on Email Transmission: SSL/TLS

Sender's Email Address: ttc@gmail.com

Email Server Requires Authentication: YES

Account Name: ttc

Password: \*\*\*\*\*

Sending test mail: ttc2@gmail.com **Test Mail**

Apply Reset Help

---

**NetAgent IX**

**Latest Events**  
[08:19:06] Mail has been sent

---

**Configuration > Email**

**Email Setting** | Email for Event Log | Email for Daily Report

Email Server: smtp.gmail.com

Email Port: 465

Enable SSL on Email Transmission: SSL/TLS

Sender's Email Address: ttc@gmail.com

Email Server Requires Authentication: YES

Account Name: ttc

Password: \*\*\*\*\*

Sending test mail:  **Test Mail**

Apply Reset Help

**Mail Sent**

---

**Test Email Received**

UPS Agent(192.168.66.106): This is a test email

ttc@gmail.com <ttc@gmail.com>

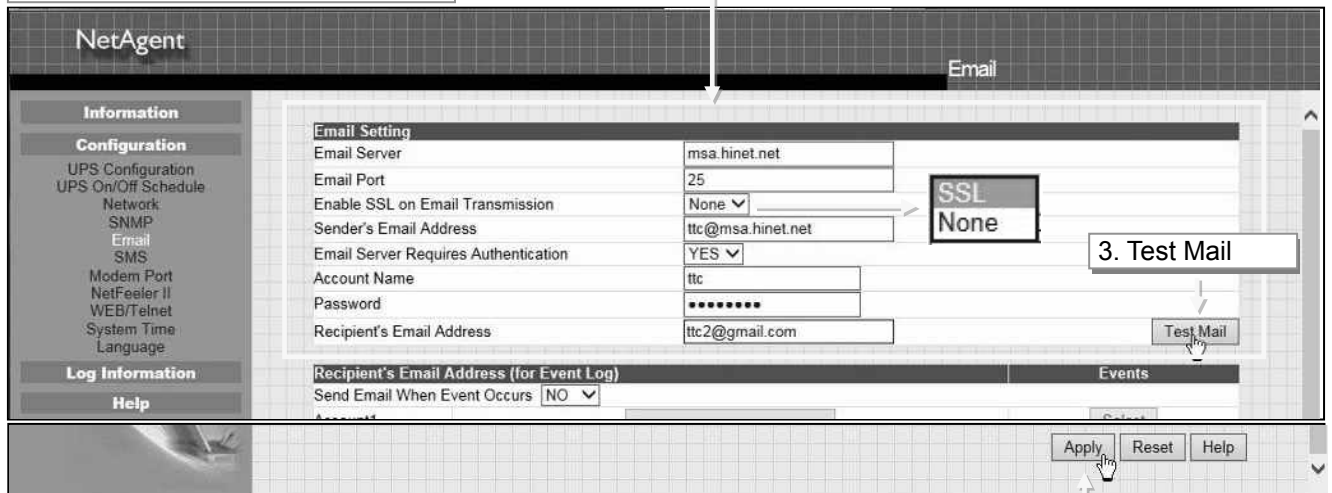
寄給我

If you received this test mail, it means that your mail settings are correct.



## NetAgent Mini & NetAgent II

### 1. Enter Mail Server



The screenshot shows the NetAgent configuration interface. On the left is a sidebar with 'Information' and 'Configuration' sections. The 'Configuration' section is expanded, showing options like UPS Configuration, Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, and Language. The 'Email' tab is selected. The main area displays the 'Email Setting' form with the following fields: Email Server (msa.hinet.net), Email Port (25), Enable SSL on Email Transmission (None), Sender's Email Address (ttc@msa.hinet.net), Email Server Requires Authentication (YES), Account Name (ttc), Password (masked with dots), and Recipient's Email Address (ttc2@gmail.com). A 'Test Mail' button is located to the right of the form. Below the form is a section for 'Recipient's Email Address (for Event Log)' with a 'Send Email When Event Occurs' dropdown set to 'NO'. At the bottom right are 'Apply', 'Reset', and 'Help' buttons. A callout box labeled 'SSL None' points to the 'Enable SSL' dropdown.

Email Setting	
Email Server	msa.hinet.net
Email Port	25
Enable SSL on Email Transmission	None
Sender's Email Address	ttc@msa.hinet.net
Email Server Requires Authentication	YES
Account Name	ttc
Password	*****
Recipient's Email Address	ttc2@gmail.com

Test Mail

Recipient's Email Address (for Event Log)

Send Email When Event Occurs: NO

Apply Reset Help

### 3. Test Mail

### 2. Click on Apply

### Test Email Received



- Email for Event Log (To receive email notification)

To set email addresses to receive warning email sent by NetAgent when selected event occurs. It is valid for up to 8 Email addresses.

### NetAgent 9 Mini & NetAgent 9

Configuration > Email

Email Setting | **Email for Event Log** | Email for Daily Report

Send Email When Event Occurs: YES ▼

Account1: afra@gmail.com.tw [Select]  
 Account2: dawn@yahoo.com.tw [Select]  
 Account3: eli@zoho.com [Select]  
 Account4: hugo@gmail.com [Select]  
 Account5: toby@gmail.com [Select]  
 Account6: novia@supa.com [Select]  
 Account7: ira@gmail.com [Select]  
 Account8: elma.lee@msa.hinet.net [Select]

Apply | Reset | Help

**Select Event**

Select Event	YES	NO
<b>UPS Events</b>		
Schedule Shutdown Event	<input checked="" type="radio"/>	<input type="radio"/>
UPS Failure	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Test mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Sleeping mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Boost mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS Load Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Communication Lost	<input checked="" type="radio"/>	<input type="radio"/>
Turn Off UPS	<input checked="" type="radio"/>	<input type="radio"/>
AC Power Failed	<input checked="" type="radio"/>	<input type="radio"/>
UPS Battery Low	<input checked="" type="radio"/>	<input type="radio"/>
UPS Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Capacity Underrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Bypass mode	<input checked="" type="radio"/>	<input type="radio"/>
<b>NetFeeler II</b>		
Smoke Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Water Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Gas Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Security Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Temperature Underrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Humidity Overrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Humidity Underrun	<input checked="" type="radio"/>	<input type="radio"/>

Select All | Clear All | Apply

### NetAgent Mini & NetAgent II

NetAgent

Configuration > Email

Sender's Email Address: ttc@msa.hinet.net  
 Email Server Requires Authentication: YES ▼  
 Account Name: ttc  
 Password: \*\*\*\*\*  
 Recipient's Email Address: [Empty]

Test Mail

Recipient's Email Address (for Event Log)		Events
Account1	afra@gmail.com.tw	Select
Account2	dawn@yahoo.com.tw	Select
Account3	eli@zoho.com	Select
Account4	hugo@gmail.com	Select
Account5	toby@gmail.com	Select
Account6	novia@supa.com	Select
Account7	ira@gmail.com	Select
Account8	elma.lee@msa.hinet.net	Select

Send Email When Event Occurs: YES ▼

套用 | 清除 | 帮助

- Email for Daily Report (To receive daily report)

This section is to set Email Addresses to receive NetAgent's Daily Report at preset time. It is valid for up to 4 Email addresses. Daily report with content of event and data log.

With NetAgent series, option is available if to send email when event or data log overflows to 500 logs

### NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Configuration > Email' interface with the 'Email for Daily Report' tab selected. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help'. Under 'Configuration', there are links for UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email (selected), SMS, Web/Telnet, System Time, SMS Modem, NetSwitch, NetFeeler, Modbus, and Language. The main content area has three tabs: 'Email Setting', 'Email for Event Log', and 'Email for Daily Report'. The 'Email for Daily Report' tab contains the following fields:

- Account1:
- Account2:
- Account3:
- Account4:
- Send Email for Daily Report (hh:mm): YES

At the bottom right, there are three buttons: 'Apply', 'Reset', and 'Help'.

### NetAgent Mini & NetAgent II

The screenshot shows the 'NetAgent' interface with the 'Email' tab selected. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help'. Under 'Configuration', there are links for UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email (selected), SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, and Language. The main content area has the following sections:

- Senders Email Address:**
- Email Server Requires Authentication:** YES
- Account Name:**
- Password:**
- Recipient's Email Address:**
- Test Mail:**
- Recipient's Email Address (for Event Log):**

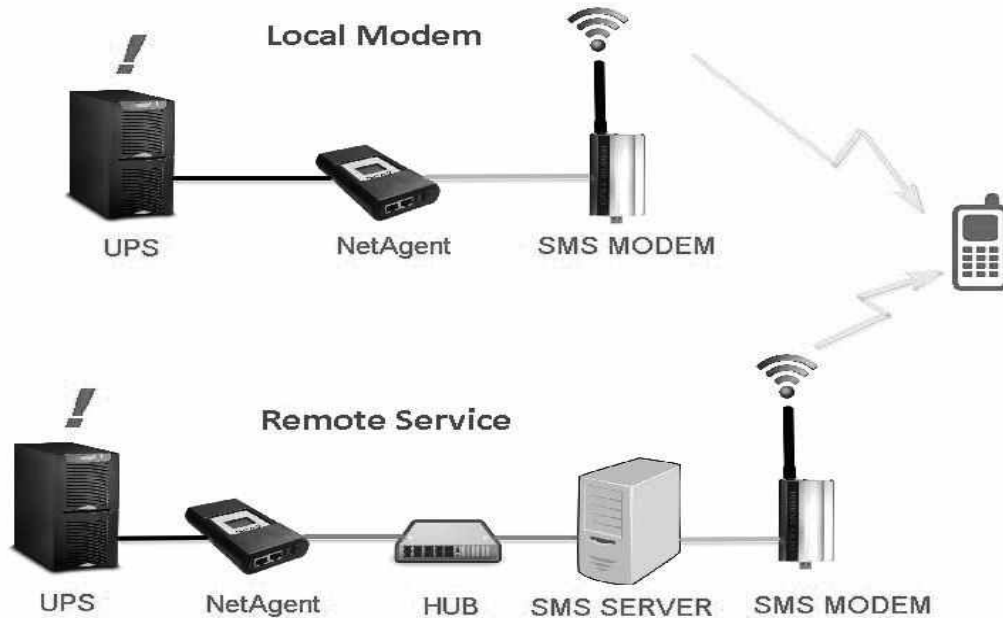
Account	Email Address	Events
Account1	<input type="text" value="afra@gmail.com.tw"/>	<input type="button" value="Select"/>
Account2	<input type="text" value="dawn@yahoo.com.tw"/>	<input type="button" value="Select"/>
Account3	<input type="text" value="eli@zoho.com"/>	<input type="button" value="Select"/>
Account4	<input type="text" value="hugo@gmail.com"/>	<input type="button" value="Select"/>
Account5	<input type="text" value="toby@gmail.com"/>	<input type="button" value="Select"/>
Account6	<input type="text" value="novia@supa.com"/>	<input type="button" value="Select"/>
Account7	<input type="text" value="ira@gmail.com"/>	<input type="button" value="Select"/>
Account8	<input type="text" value="elma.lee@msa.hinet.net"/>	<input type="button" value="Select"/>
- Recipient's Email Address (for Daily Report):**

Account1	<input type="text" value="afra@gmail.com.tw"/>
Account2	<input type="text" value="dawn@yahoo.com.tw"/>
Account3	<input type="text" value="novia@supa.com"/>
Account4	<input type="text" value="elma.lee@msa.hinet.net"/>
- Send Email for Daily Report (hh:mm):** YES
- Send Email when Event Log overflows (500 records):** YES
- Send Email when Data Log overflows (500 records):** YES

At the bottom right, there are three buttons: 'Apply', 'Reset', and 'Help'.

## ■ Configuration > SMS

When UPS events occurs, it allows Short Message Signals (“SMS”) to be sent and received using a GSM/GPRS/CDMA Modem. Operation information are as below for single and three ports of NetAgent.



### ● SMS Setting :

#### Send SMS When Event Occurs:

- ☐ Disable : No SMS Service
- ☐ Use Local Modem : When GSM modem is connected to NetAgent directly  
(Refer to SMS Modem section for its installation)
- ☐ Use Remote Service : When GSM modem connects to PC with SMS Server software installed  
(Refer to SMS Server section for SMS Server Software installation)

#### SMS Server :

If select to use Remote Service to send SMS, then enter the IP address of the SMS Server. (The PC that installed SMS Server Software)

#### SMS Port :

If select to use Remote Service to send SMS, enter the port number that SMS Server uses for sending SMS. (Port 80 is default)

#### Account Name :

If select to use Remote Service to send SMS, enter SMS Server's account name if required

#### Password :

If select to use Remote Service to send SMS, enter SMS Server's password if required

#### Sending test SMS :

When modem and configuration are ready, enter a mobile number to receive testing SMS

## NetAgent 9 Mini & NetAgent 9

**Configuration > SMS**

**SMS Setting** **Mobile for Event Log**

**Local Modem**

Disable  
Use Local Modem  
Use Remote Service

Send SMS When Event Occurs: Use Local Modem

SMS Server: [Text Field]

SMS Port: 80

Account Name: [Text Field]

Password: [Text Field]

Sending test SMS: 0955956637

Test SMS

Apply Reset Help

1. Select Local Modem

2. Click Apply

3. Enter Mobile Number

4. Send Test SMS

**Configuration > SMS**

**SMS Setting** **Mobile for Event Log**

**Remote Service**

Disable  
Use Local Modem  
Use Remote Service

Send SMS When Event Occurs: Use Remote Service

SMS Server: 192.168.66.101

SMS Port: 80

Account Name: ttc

Password: [Text Field]

Sending test SMS: 0955956637

Test SMS

Apply Reset Help

1. Select Remote Service

2. Click Apply

3. Enter Mobile Number

4. Send Test SMS

## NetAgent Mini & NetAgent II

**NetAgent**

**SMS**

**Local Modem**

**SMS Settings**

Send SMS When Event Occurs: Use Local Modem

SMS Server: [Text Field]

SMS Server Port: 80

Account Name: [Text Field]

Password: [Text Field]

Sending test SMS: 0955956637

Test SMS

**NetAgent**

**SMS**

**Remote Service**

**SMS Settings**

Send SMS When Event Occurs: Use Remote Service

SMS Server: 192.168.66.101

SMS Server Port: 80

Account Name: ttc

Password: [Text Field]

Sending test SMS: 0955956637

Test SMS

**Receiver cellular number(for Event Log)**

Cellular Phone number	Events
Cellular Phone number 1	Select
Cellular Phone number 2	Select
Cellular Phone number 3	Select

- Mobile for Event Log

To set the recipient's mobile number for SMS notification when event or NetFeeler event occurs. A total of 8 mobile numbers can be assign.

### NetAgent 9 Mini and NetAgent 9

The screenshot displays the NetAgent 9 configuration interface. On the left is a sidebar with navigation options: Information, Configuration, Log Information, and Help. The main area is titled 'Configuration > SMS' and contains two tabs: 'SMS Setting' and 'Mobile for Event Log'. The 'Mobile for Event Log' tab is active, showing a list of 8 cellular phone numbers with 'Select' buttons next to each. Below this list are 'Apply', 'Reset', and 'Help' buttons. A 'Select Event' dialog box is open, showing a list of events with 'Yes' and 'No' selection columns. The events include UPS Events (Schedule Shutdown Event, UPS Failure, UPS entering Test mode, UPS entering Sleeping mode, UPS entering Boost mode, UPS Load Overrun, UPS Communication Lost, Turn Off UPS, AC Power Failed, UPS Battery Low, UPS Temperature Overrun, UPS Capacity Underrun, UPS entering Bypass mode) and NetFeeler II events (Smoke Alarm, Water Alarm, Gas Alarm, Security Alarm, Environmental Temperature Overrun, Environmental Temperature Underrun, Environmental Humidity Overrun, Environmental Humidity Underrun). At the bottom right, there is a table showing the status of these events.

UPS Events	Yes	No
Schedule Shutdown Event	<input checked="" type="radio"/>	<input type="radio"/>
UPS Failure	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Test mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Sleeping mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Boost mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS Load Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Communication Lost	<input checked="" type="radio"/>	<input type="radio"/>
Turn Off UPS	<input checked="" type="radio"/>	<input type="radio"/>
AC Power Failed	<input checked="" type="radio"/>	<input type="radio"/>
UPS Battery Low	<input checked="" type="radio"/>	<input type="radio"/>
UPS Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Capacity Underrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Bypass mode	<input checked="" type="radio"/>	<input type="radio"/>

NetFeeler II	Yes	No
Smoke Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Water Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Gas Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Security Alarm	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Temperature Underrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Humidity Overrun	<input checked="" type="radio"/>	<input type="radio"/>
Environmental Humidity Underrun	<input checked="" type="radio"/>	<input type="radio"/>

### NetAgent II and NetAgent Mini

The screenshot displays the NetAgent II configuration interface. On the left is a sidebar with navigation options: Information, Configuration, Log Information, and Help. The main area is titled 'NetAgent' and contains a 'SMS Settings' section. This section includes fields for 'Send SMS When Event Occurs' (set to 'Use Local Modem'), 'SMS Server' (192.168.66.103), 'SMS Server Port' (80), 'Account Name', 'Password', and 'Sending test SMS' (095596637). There is a 'Test SMS' button. Below the SMS settings is a table for 'Receiver cellular number(for Event Log)' with 8 rows, each containing a phone number and a 'Select' button. At the bottom right, there is a table showing the status of these events.

Receiver cellular number(for Event Log)	Events
Cellular Phone number 1	<input checked="" type="radio"/>
Cellular Phone number 2	<input checked="" type="radio"/>
Cellular Phone number 3	<input checked="" type="radio"/>
Cellular Phone number 4	<input checked="" type="radio"/>
Cellular Phone number 5	<input checked="" type="radio"/>
Cellular Phone number 6	<input checked="" type="radio"/>
Cellular Phone number 7	<input checked="" type="radio"/>
Cellular Phone number 8	<input checked="" type="radio"/>

## ■ Configuration > Web/Telnet

To set permission for each user account for Web and Telnet access. It is valid for up to 8 users.

### ● User account

#### User Name :

To set password for NetAgent Web and Telnet access.

#### Password :

To set password for NetAgent Web and Telnet access.

#### Permission :

To set No Access / Read/ Read&Write)

✱ Permission Rule : At least one user account must be Read/Write

✱ Permission Rule : User name with Read and Write cannot be blank

#### IP Filter :

Only specific IP address could login to NetAgent

✱ \*.\*.\*.\* means any IP address

Auto Logoff after Idle for  minute (s). ( 0 is disabled)

NetAgent webpage will be logoff automatically if it idle for the preset value.

NetAgent 9 Mini & NetAgent 9

The screenshot displays the NetAgent 9 configuration interface. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help'. The 'Configuration' section is expanded, showing 'Web / Telnet' as the selected option. The main panel shows the 'User Account' tab, which contains a table of user accounts. The table has four columns: 'User Name', 'Password', 'Permission', and 'IP Filter'. The 'User Name' column lists 'tony', 'rex', 'novia', 'elma', 'toby', 'ira', and 'cynthia'. The 'Password' column shows masked passwords. The 'Permission' column shows 'Read/Write', 'Read/Write', 'Read', 'Read/Write', 'Read', 'Read/Write', and 'Read/Write'. The 'IP Filter' column shows '\*\*\*\*', '\*\*\*\*', '\*\*\*\*', '\*\*\*\*', '192.168.66.86', '192.168.66.108', and '192.168.66.33'. Below the table, there is a field for 'Auto LogOff after idle for' set to '3' minutes. A 'Windows Security' dialog box is overlaid on the bottom right, displaying a warning: 'The server 192.168.66.103 is asking for your user name and password. The server reports that it is from 0:b41e23d47. Warning: Your user name and password will be sent using basic authentication on a connection that isn't secure.' The dialog box has fields for 'User name' and 'Password', and a 'Remember my credentials' checkbox. The 'Caps Lock is on' indicator is visible at the bottom of the dialog box. The 'Apply', 'Reset', and 'Help' buttons are located at the bottom right of the configuration panel.

User Name	Password	Permission	IP Filter
tony	*****	Read/Write	****
rex	*****	Read/Write	****
novia	*****	Read	****
elma	*****	Read/Write	****
toby	*****	Read	192.168.66.86
ira	*****	Read/Write	192.168.66.108
cynthia	*****	Read/Write	192.168.66.33
		No Access	****

Auto LogOff after idle for 3 minute(s) (0: Disable)

Windows Security

The server 192.168.66.103 is asking for your user name and password. The server reports that it is from 0:b41e23d47.

Warning: Your user name and password will be sent using basic authentication on a connection that isn't secure.

User name:

Password:

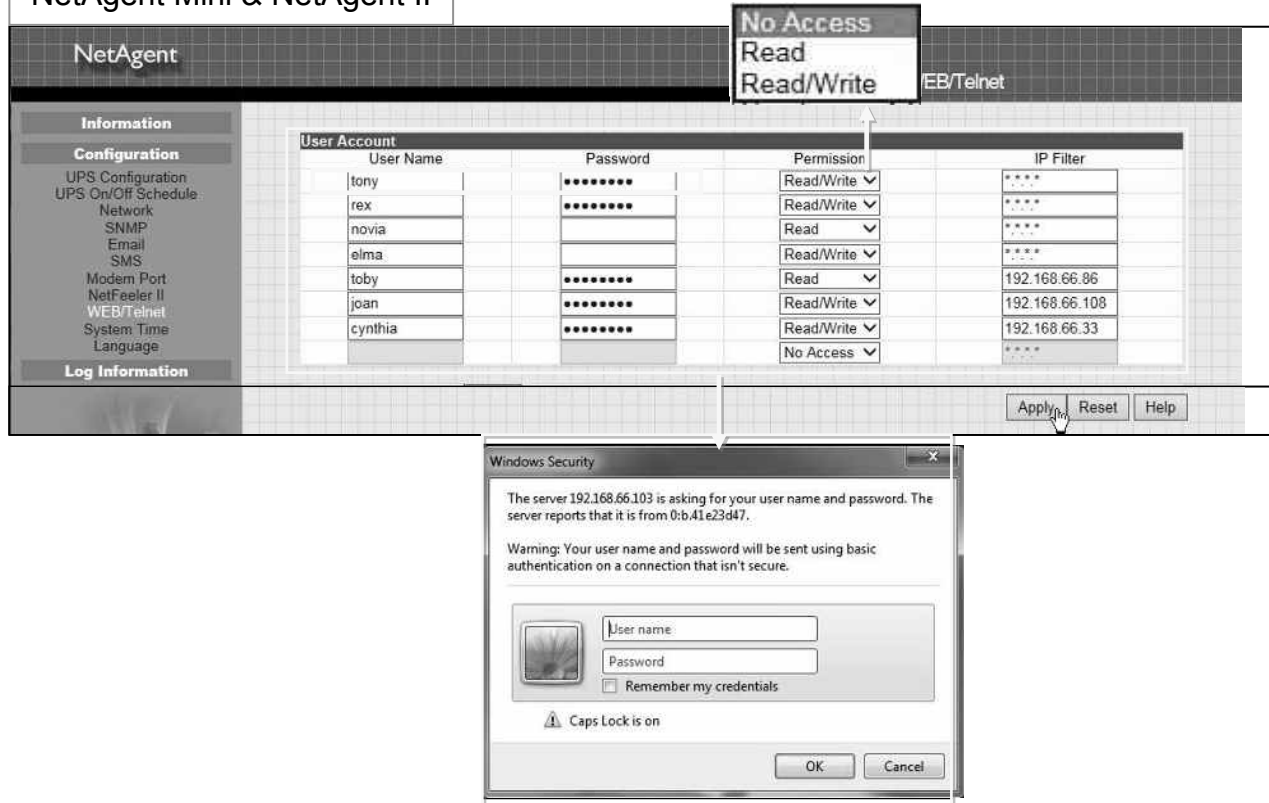
☐ Remember my credentials

Caps Lock is on

OK Cancel

Apply Reset Help

## NetAgent Mini & NetAgent II



### ● SSL Information

NetAgent supports HTTPS protocol and varies SSL encryptions version for network connection. User may upload its Public Key and Certification for authentication

*Table of SSL versions that NetAgent supports*

	SSL v2	SSL v3	TLS v1.0	TLS v1.1	TLS v1.2
<b>NetAgent9 &amp; Mini</b>	✓	✓	✓	✓	✓
<b>NetAgent DT/CT/BT</b>		✓			

### HTTPS Protocols

Select the encryption version

- ☐ SSL v2
- ☐ SSL v3
- ☐ SSL v1.0
- ☐ SSL v1.1
- ☐ SSL v1.2

✳ Once click on Apply, NetAgent will reboot

### SSL Information

This is to upload the SSL certificate. When both public key and certificate are uploaded to NetAgent web server, the communication will be encrypted by SSL

(To communicate via Https, make sure to enable Https port 443.)To create its own public key and certification, please refer to OpenSSL software in the CD



## NetAgent 9 Mini & NetAgent 9

Configuration > Web / Telnet

User Account | **SSL Information** | RADIUS Server Settings

Select Encryption Version

HTTPS Protocol

☐ SSL v2  
☒ SSL v3  
☒ TLS v1.0  
☒ TLS v1.1  
☒ TLS v1.2

Apply \* Reset

\* : System will reboot when 'Apply' has been pressed.

1.Upload Public Key

SSL Information

SSL Public Key G:\netagent9\_key 瀏覽... Upload and Replace

Public Key Length 1024 bits

SSL Certificate G:\netagent9\_cert 瀏覽... Upload and Replace

2. Upload Certification

Issued To NetAgent

Issued By NetAgent

Valid From 2016-11-09

Valid Until 2018-11-09

## NetAgent Mini & NetAgent II

NetAgent

WEB/Telnet

Information

Configuration

UPS Configuration  
 UPS On/Off Schedule  
 Network  
 SNMP  
 Email  
 SMS  
 Modem Port  
 NetFeeler II  
 WEB/Telnet  
 System Time  
 Language

Log Information

Help

Auto LogOff after idle for 3 minute(s) (0: Disable)

RADIUS Server Settings

Enable RADIUS in Web/Telnet login NO

RADIUS Server Address

Authentication Port 1812

Shared Key

Connection TimeOut 5 second(s)

Connection Retry 3

Apply Reset Help

SSL Public Key Information

SSL Public Key G:\NetAgentII\_key 瀏覽... Upload and Replace

Public Key Length 1024 bits

SSL Certificate Information

SSL Certificate G:\NetAgentII\_cert 瀏覽... Upload and Replace

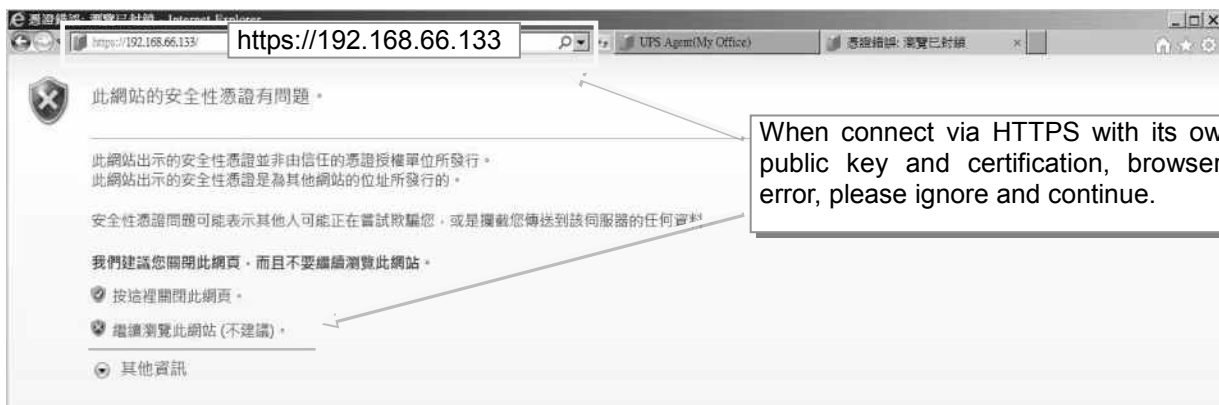
Issued To NetAgent

Issued By NetAgent

Valid From 2014-04-24

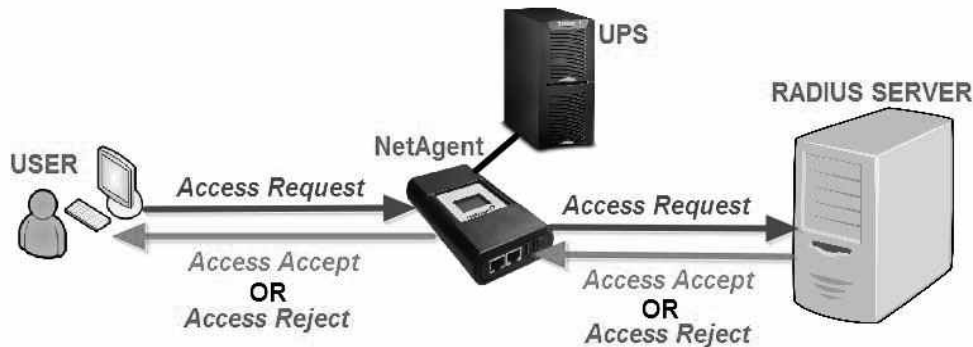
Valid Until 2016-04-23

\* : This upload function could not be used in HTTPS mode.



- RADIUS Server Setting

If RADIUS server authentication is required for the network, NetAgent could be added by entering following parameter.



Enable RADIUS in Web/Telnet Login:

To select if to enable RADIUS

RADIUS Server Address :

To enter the IP address of the RADIUS Server

Authentication Port :

RADIUS port number (Default is 812)

Shared Key :

Enter the Shared Key between RADIUS Server and client

Connection Timeout :

Set the number of seconds to suspend the login time after the RADIUS server is rejected

Connection Retry :

Sets the number of connections to the RADIUS server again

NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > Web / Telnet

User Account | SSL Information | **RADIUS Server Settings**

Enable RADIUS in Web/Telnet login

YES ☒

RADIUS Server Address

192.168.66.5

Authentication Port

1812

Shared Key

\*\*\*\*\*

Connection TimeOut

5 second(s)

Connection Retry

3

Apply

Reset

Help

## NetAgent Mini & NetAgent II

NetAgent

WEB/Telnet

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

No Access

No Access

Auto LogOff after idle for  minute(s) (0: Disable)

RADIUS Server Settings

Enable RADIUS in Web/Telnet login

RADIUS Server Address

Authentication Port

Shared Key

Connection TimeOut

Connection Retry

YES

192.168.66.5

1812

\*\*\*\*\*

5

3

second(s)

Apply

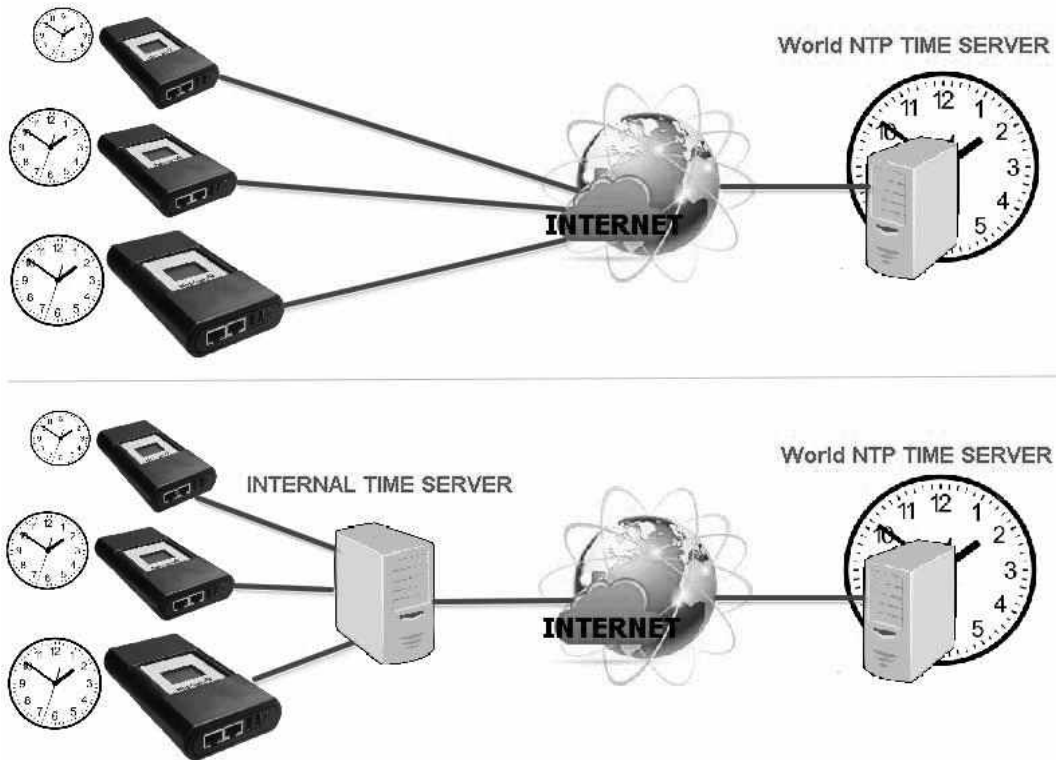
Reset

Help

SSL Public Key Information

## ■ Configuration > System Time

This page is to set NetAgent's system time. NetAgent could synchronize with external or internal Time Server.



### System Time

#### Time Between Automatic Updates :

To set an interval for time synchronization.

#### Time Server :

Time server can be select from the drop down list , or add other time server manually.

#### Time Zone(Relative to GMT) :

To select its GMT time zone

#### Using Daylight Saving Time :

Select whether to use the daylight saving time system to adjust the clock for 1 hour in advanced

#### System Time(yyyy/mm/dd hh:mm:ss) :

To display the current system time/date of NetAgent. Or click on Adjust Now to adjust to the correct time/date automatically

### Restart

#### Auto Restart System for Every (0 is disabled):

NetAgent to restart automatically at preset hour or minute

#### Manual Restart System After 30 seconds :

Once click on Apply, NetAgent would restart after 30 seconds

## NetAgent 9 Mini & NetAgent 9

**1. Select Time Server**

**2. Adjust Now**

**Add Time Server**

The first screenshot shows the 'Configuration > System Time' page. The 'Time Server' dropdown is set to 'time.nist.gov'. The 'Adjust Now' button is highlighted. The second screenshot shows the 'Add Time Server' dialog with a list of time servers including 'time.nist.gov', 'time.windows.com', 'ntp.sop.inria.fr', etc. The 'Add' button is highlighted.

## NetAgent 9 Mini & NetAgent 9

**1. Select Time Server**

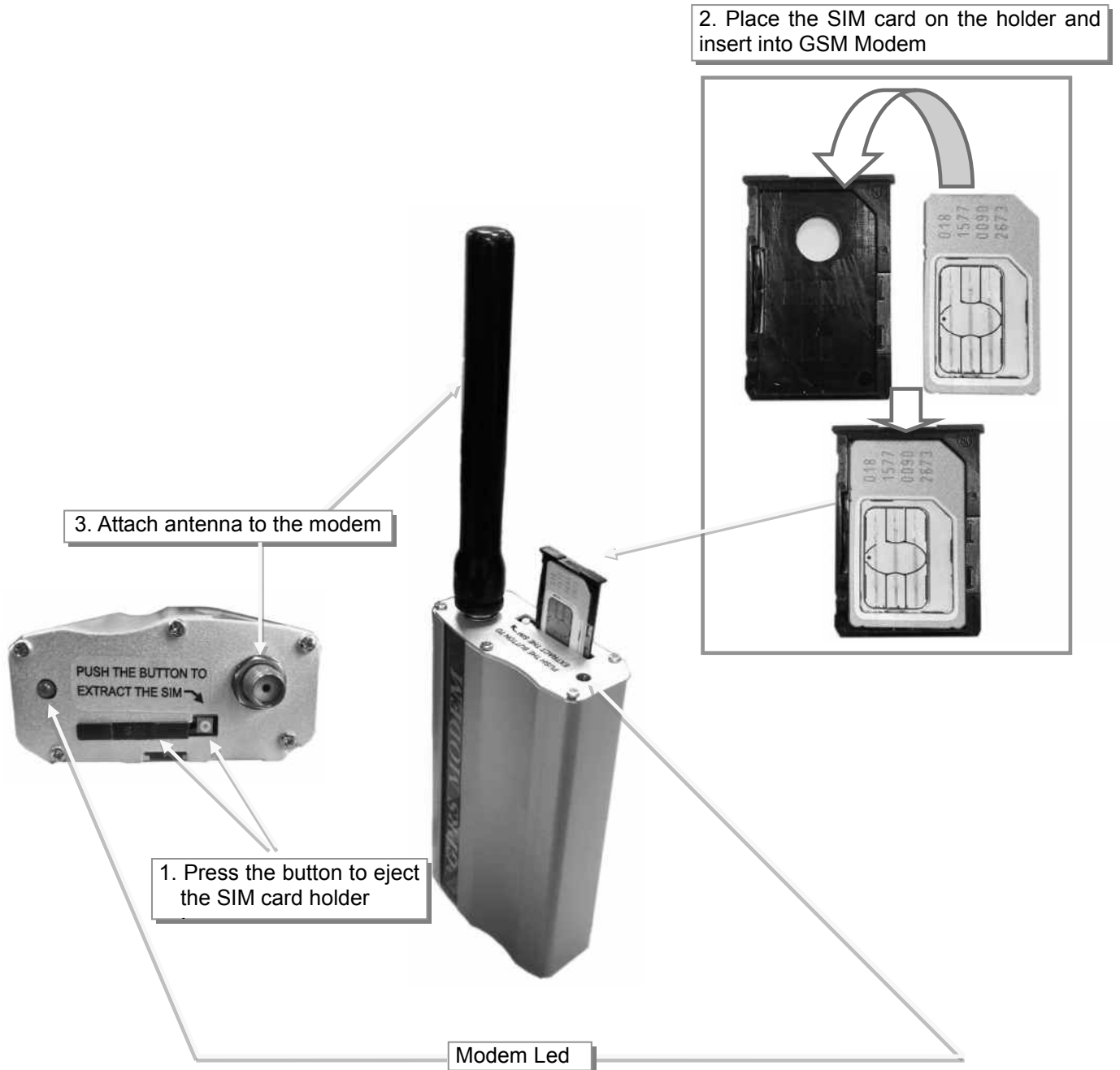
**2. Adjust Time**

**Add Time Server**

The first screenshot shows the 'Configuration > System Time' page. The 'Time Server' dropdown is set to 'time.windows.com'. The 'Adjust Now' button is highlighted. The second screenshot shows the 'Add Time Server' dialog with a list of time servers including 'time.nist.gov', 'time.windows.com', 'ntp0.cs.mu.OZ.AU', etc. The 'Add' button is highlighted.

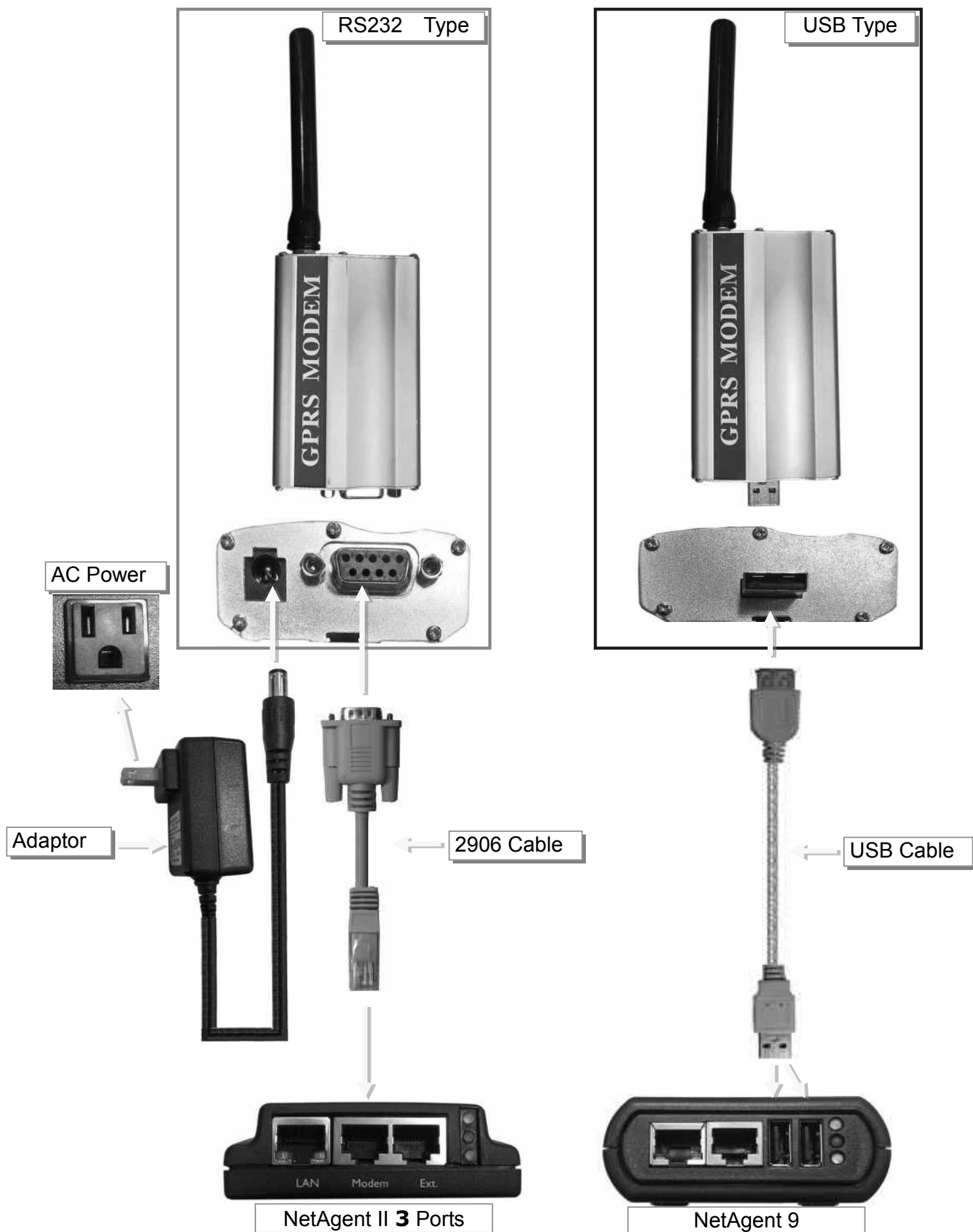
## ■ Configuration > SMS Modem

### □ Modem Setup Procedure



#### Modem Led Status

1. If flash every 0.8 seconds :
  - Modem initializing, please wait
  - If no respond
    - (1) Check if PIN is correctly entered, or if PIN is required
    - (2) Check if SIM card is inserted corrected
    - (3) Check if no or low signal
2. If flash every 3 seconds :
  - Modem is ready for operation



- SMS Modem Settings

Modem Communication Port :

Select “ttyUSB0” for USB modem connects with NetAgent 9 directly ;

Select “SMS “ for modem connects with NetAgent II 3 Ports

SMS Communication :

Select between GPRS or CDMA

SIM Card PIN :

If PIN is required for the SIM card, please enter

Confirm SIM PIN :

Retype SIM card PIN

When all done, click on Apply. Modem Information and Status can be check from Information> SMS Modem Status

✱ Once click on Apply on NetAgent 3 ports model, NetAgent will reboot

NetAgent 9 W/USB

Configuration > SMS Modem

SMS Modem Settings Send Message

Select ttyUSB0

Modem Communication Port: ttyUSB0

SMS Communication: GPRS

SIM Card PIN: [ ]

Confirm SIM Card PIN: [ ]

SIM card PIN number

Apply Reset Help

Select Modem Type

Information > SMS Modem Status

Modem Information

Modem Manufacturer	SIEMENS
Modem Model	MC55
Modem Firmware Version	REVISION 04.10

GSM Modem Current Status

Service Provider	TWN GSM 1800
Central number of SMS service	886935874443
Signal Strength	64%
SIM card PIN is correct or not	SIM card PIN correct or no PIN configured

Help

Modem Information and Status



- Send Message

Cellular Phone number :

Enter mobile number

SMS Content(Max.70 Characters) :

Enter the SMS content text and select coding. Unicode or Character



**NetAgent II 3 Ports**

NetAgent
Modem Port

**Information**  
**Configuration**  
 UPS Configuration  
 UPS On/Off Schedule  
 Network  
 SNMP  
 Email  
 SMS  
 Modem Port  
 NetFeeder II  
 WEB/Telnet  
 System Time  
 Language  
**Log Information**  
**Help**

**Modem Settings**  
 Modem Communication Type\* SMS  
 SMS Settings  
 SMS Communication GPRS  
 SIM Card PIN  
 Confirm SIM Card PIN

**Receiver cellular number and message content**  
 Cellular Phone number 09886705898  
 SMS content TESTSMS

☒ Unicode
 ☐ Character

Apply Reset Help

NetAgent
Modem Status

**Information**  
 System Status  
 Basic Information  
 Current Status  
 Remote Control  
 Meter/Chart  
**Modem Status**  
 NetFeeder II  
**Configuration**  
**Log Information**  
**Help**

**Modem Information**  
 Modem Manufacturer: SIEMENS  
 Modem Model: MC55  
 Modem Firmware Version: REVISION 04.00

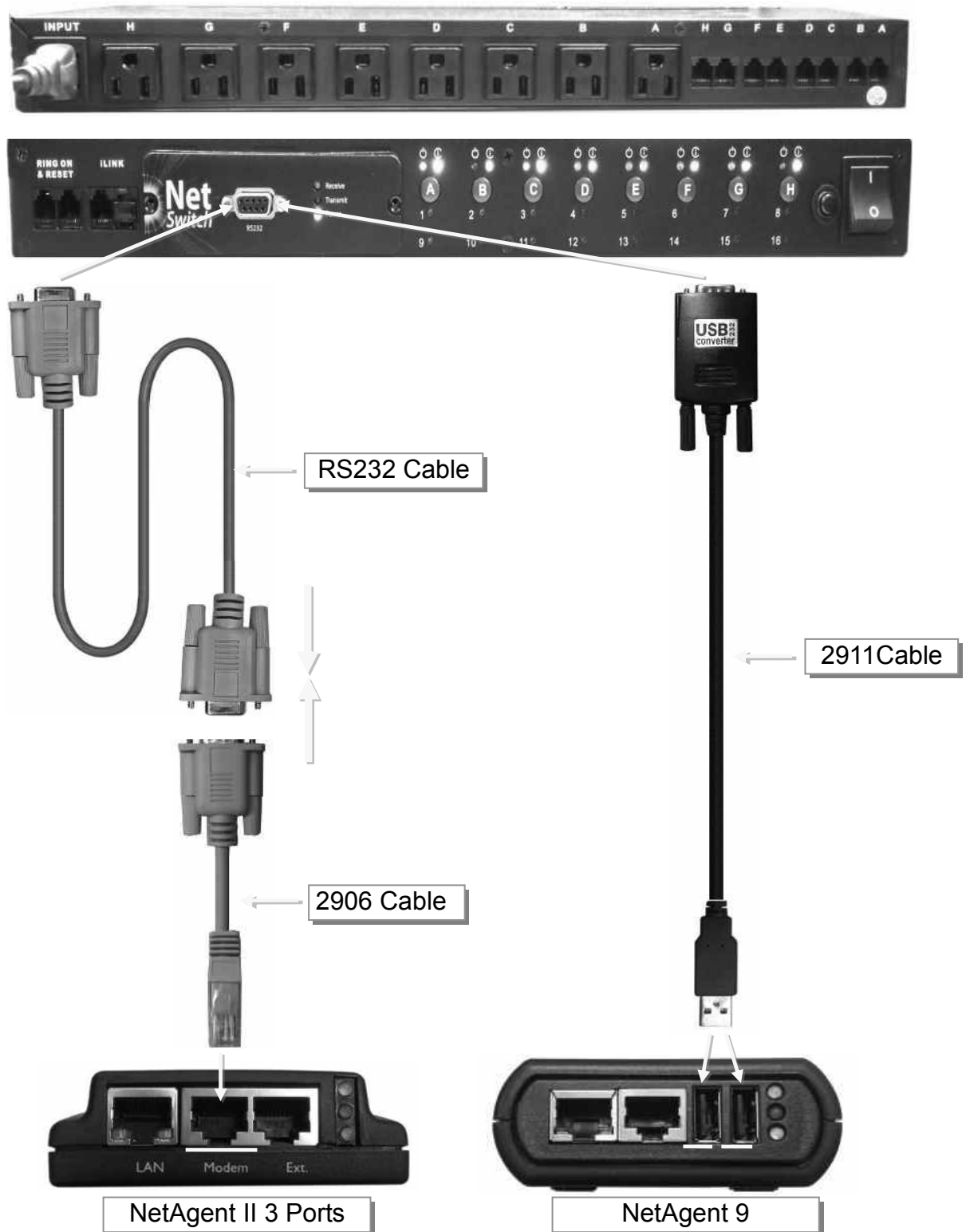
**GSM Modem Current Status**  
 Service Provider: TWN GSM 1800  
 Central number of SMS service: 886935874443  
 Signal Strength: 38%  
 SIM card PIN is correct or not: SIM card PIN correct or no PIN configured

Help

## ■ Configuration > NetSwitch

NetAgent 3 Ports (BT model) or NetAgent 9 (BX/BY model) can also connect with our NetSwitch for remote power management

### □ NetSwitch Installation



- NetSwitch

When NetAgent BT/BX/BY connects with NetSwitch, it able to perform action to the specific outlet when event or alarm triggers

NetAgent 9

**Information**

**Configuration**

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Language

**Log Information**

**Help**

Configuration > NetSwitch

NetSwitch
NetSwitch Settings

No.	Events	Events Action	NetSwitch	Outlet	Outlet Action	Modify
1	UPS Load Overrun	Occur	NetSwitch01(iSWITCH)	OutletF(EPSON PRINTER)	OFF	[Delete]
2	UPS Load Overrun	Occur	NetSwitch01(iSWITCH)	OutletG(HP PRINTER)	OFF	[Delete]
3	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletB(COMPUTER A)	OFF	[Delete]
4	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletC(COMPUTER B)	OFF	[Delete]
5	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletD(MAIL SERVER )	OFF	[Delete]
6	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletE(DNS SERVER)	OFF	[Delete]
7	UPS Load Overrun	Remove	NetSwitch01(iSWITCH)	OutletF(EPSON PRINTER)	ON	[Delete]
8	UPS Load Overrun	Remove	NetSwitch01(iSWITCH)	OutletG(HP PRINTER)	ON	[Delete]
9	AC Power Failed	Remove	NetSwitch01(iSWITCH)	OutletD(MAIL SERVER )	ON	[Delete]
10	AC Power Failed	Remove	NetSwitch01(iSWITCH)	OutletE(DNS SERVER)	ON	[Delete]

1. Click on Add to add new action
Add
Help

2. Select Event

3. Event Action

4. Select NetSwitch Number

5. Select Outlet Number

6. Select Outlet Action

Configuration > NetSwitch Action > NetSwitch Action Configuration

**NetSwitch Action Configuration**

Events Select: UPS

Events Action: ☒ Occur ☐ Remove

NetSwitch: NetSwitch01(iSWITCH)

Outlet: OutletA(ADSL MODEM)

Outlet Action: ☒ ON ☐ OFF

Apply

7. Click on Apply to add into Action list

OutletA(ADSL MODEM)

OutletA(COMPUTER A)

OutletA(COMPUTER B)

OutletA(MAIL SERVER )

OutletA(DNS SERVER)

OutletA(EPSON PRINTER)

OutletA(HP PRINTER)

OutletA(EMERGENCY LIGHT)

NetSwitch02

NetSwitch03

NetSwitch04

NetSwitch05

NetSwitch06

NetSwitch07

NetSwitch08

NetSwitch09

NetSwitch10

NetSwitch11

NetSwitch12

NetSwitch13

NetSwitch14

NetSwitch15

NetSwitch16

UPS

UPS Load Overrun

UPS Communication Lost

AC Power Failed

UPS Battery Low

UPS Temperature Overrun

Battery Capacity Below to

-----NetFeeler II-----

Temperature Overrun

Temperature Underrun

Humidity Overrun

Humidity Underrun

Water

Smoke

Gas

Security1

Security2

Security3

Security4

Security5

Security6

Security7

96

## NetAgent II 3 Ports

**NetAgent**

**Current Action List**

**NetSwitch Action**

**Delete Action**

**Information**

**Configuration**

- UPS Configuration
- UPS On/Off Schedule
- Network
- SNMP
- Email
- SMS
- Modem Port
- NetFeeler II
- NetSwitch Action
- WEB/Telnet
- System Time
- Language

**Log Information**

**Help**

No.	Events	Events Action	NetSwitch	Outlet	Outlet Action	Modify
1	UPS Load Overrun	Occur	NetSwitch01(iSWITCH)	OutletF(EPSON PRINTER)	OFF	[Delete]
2	UPS Load Overrun	Occur	NetSwitch01(iSWITCH)	OutletG(HP PRINTER)	OFF	[Delete]
3	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletB(COMPUTER A)	OFF	[Delete]
4	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletC(COMPUTER B)	OFF	[Delete]
5	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletD(MAIL SERVER )	OFF	[Delete]
6	AC Power Failed	Occur	NetSwitch01(iSWITCH)	OutletE(DNS SERVER)	OFF	[Delete]
7	UPS Load Overrun	Remove	NetSwitch01(iSWITCH)	OutletF(EPSON PRINTER)	ON	[Delete]
8	UPS Load Overrun	Remove	NetSwitch01(iSWITCH)	OutletG(HP PRINTER)	ON	[Delete]
9	AC Power Failed	Remove	NetSwitch01(iSWITCH)	OutletD(MAIL SERVER )	ON	[Delete]
10	AC Power Failed	Remove	NetSwitch01(iSWITCH)	OutletE(DNS SERVER)	ON	[Delete]

1. Click on Add to add new action

New Help

2. Select Event

3. Event Action

4. Select NetSwitch Number

5. Select Outlet Number

6. Select Outlet Action

**NetSwitch Action Configuration**

Events Select: UPS

Events Action: ☒ Occur ☐ Remove

NetSwitch: NetSwitch01(iSWITCH)

Outlet: OutletA(ADSL MODEM)

Outlet Action: ☒ ON ☐ OFF

Apply

7. Click on Apply to add into Action list

OutletA(ADSL MODEM)

OutletA(COMPUTER A)

OutletA(COMPUTER B)

OutletA(MAIL SERVER )

OutletA(DNS SERVER)

OutletA(EPSON PRINTER)

OutletA(HP PRINTER)

OutletA(EMERGENCY LIGHT)

NetSwitch02

NetSwitch03

NetSwitch04

NetSwitch05

NetSwitch06

NetSwitch07

NetSwitch08

NetSwitch09

NetSwitch10

NetSwitch11

NetSwitch12

NetSwitch13

NetSwitch14

NetSwitch15

NetSwitch16

UPS

UPS Load Overrun

UPS Communication Lost

AC Power Failed

UPS Battery Low

UPS Temperature Overrun

Battery Capacity Below to

NetFeeler II

Temperature Overrun

Temperature Underrun

Humidity Overrun

Humidity Underrun

Water

Smoke

Gas

Security1

Security2

Security3

Security4

Security5

Security6

Security7

- NetSwitch Settings

NetSwitchCommunication Port :

Select “ ttyUSB0” for NetSwitch connects with NetAgent 9 directly ;

Select “NetSwitch ” for NetSwitch connects with NetAgent II 3 Ports

✳ Once click on Apply on NetAgent 3 ports model, NetAgent will reboot

Select NetSwitch :

Select the NetSwitch number (0~16)

Address Change :

To adjust the current NetSwitch number (e.g : NetSwitch01➔ NetSwitch03)

Identication :

NetSwitch’s ID name

Outlet :

Each NetSwitch as 8 individual outlet with code of A~H

Name :

To enter a name for each outlet for identification

Phone Controllable :

If to control by phone coding (Refer to NetSwitch manual)

Control Type :

The action of each outlet. Safe Shutdown / Safe reboot / Instant Shutdown  
(Refer to NetSwitch manual for definition of each outlet)

Power Off Delay :

When select safe shutdown and safe reboot, this is to set power off delay for the outlet

Power Resume Daly :

When AC recovers , the time to resume power on the outlet

NetAgent 9

**Information**

**Configuration**

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

**NetSwitch**

NetFeeler

Language

**Log Information**

**Help**

Configuration > NetSwitch

NetSwitch    NetSwitch Settings

NetSwitch Communication Port

Select NetSwitch: None ttyUSB0

Address Change: NetSwitch01(SWITCH)

Identification: iSWITCH

Outlet	Name	Phone Controllable	Control Type	Power Off Delay	Power Resume Delay
A	ADSL MODEM	YES	safe shutdown	180 sec	30 sec
B	COMPUTER A	YES	safe shutdown	90 sec	30 sec
C	COMPUTER B	YES	safe shutdown	90 sec	30 sec
D	MAIL SERVER	YES	safe reboot	90 sec	30 sec
E	DNS SERVER	YES	safe reboot	90 sec	30 sec
F	EPSON PRINTER	YES	instant shutdown	0 sec	0 sec
G	HP PRINTER	YES	instant shutdown	0 sec	0 sec
H	EMERGENCY LIGHT	NO	instant shutdown	0 sec	0 sec

Apply
Reset

## NetAgent II 3 Ports

NetAgent

SMS

PPP Dial-in

NetSwitch

Modem Port

Information

Configuration

Log Information

Help

Modem Settings

Modem Communication Type\* NetSwitch

\*: System will reboot when this item has been Applied.

Apply

Reset

Help

NetSwitch Setting

Select NetSwitch NetSwitch01

Address Change

Identification iSWITCH

safe shutdown

safe reboot

instant shutdown

Outlet	Name	Phone Controllable	Control Type	Power Off Delay	Power Resume Delay
A	ADSL MODEM	YES	safe shutdown	180 sec	30 sec
B	COMPUTER A	YES	safe shutdown	90 sec	30 sec
C	COMPUTER B	YES	safe shutdown	90 sec	30 sec
D	MAIL SERVER	YES	safe reboot	90 sec	30 sec
E	DNS SERVER	YES	safe reboot	90 sec	30 sec
F	EPSON PRINTER	YES	instant shutdown	0 sec	0 sec
G	HP PRINTER	YES	instant shutdown	0 sec	0 sec
H	EMERGENCY LIGHT	NO	instant shutdown	0 sec	0 sec

Apply

Reset

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

NetFeeler

Configuration

Log Information

Help

Information > NetSwitch Status

NetSwitch Status and Control

Select NetSwitch NetSwitch01(iSWITCH)

Identification iSWITCH

OutletA	instant shutdown	ON		OutletE	instant shutdown	ON	
OutletB	instant shutdown	OFF		OutletF	instant shutdown	ON	
OutletC	instant shutdown	ON		OutletG	instant shutdown	ON	
OutletD	instant shutdown	ON		OutletH	instant shutdown	ON	

NetAgent

NetSwitch Status

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

NetSwitch Status

NetFeeler II

Configuration

Log Information

Help

NetSwitch Status and Control (Click the icon to turn on or off the specific outlet)

Select NetSwitch: NetSwitch01

Identification iSWITCH

OutletA	instant shutdown	ON		OutletE	instant shutdown	ON	
OutletB	instant shutdown	OFF		OutletF	instant shutdown	ON	
OutletC	instant shutdown	ON		OutletG	instant shutdown	ON	
OutletD	instant shutdown	ON		OutletH	instant shutdown	ON	

All On

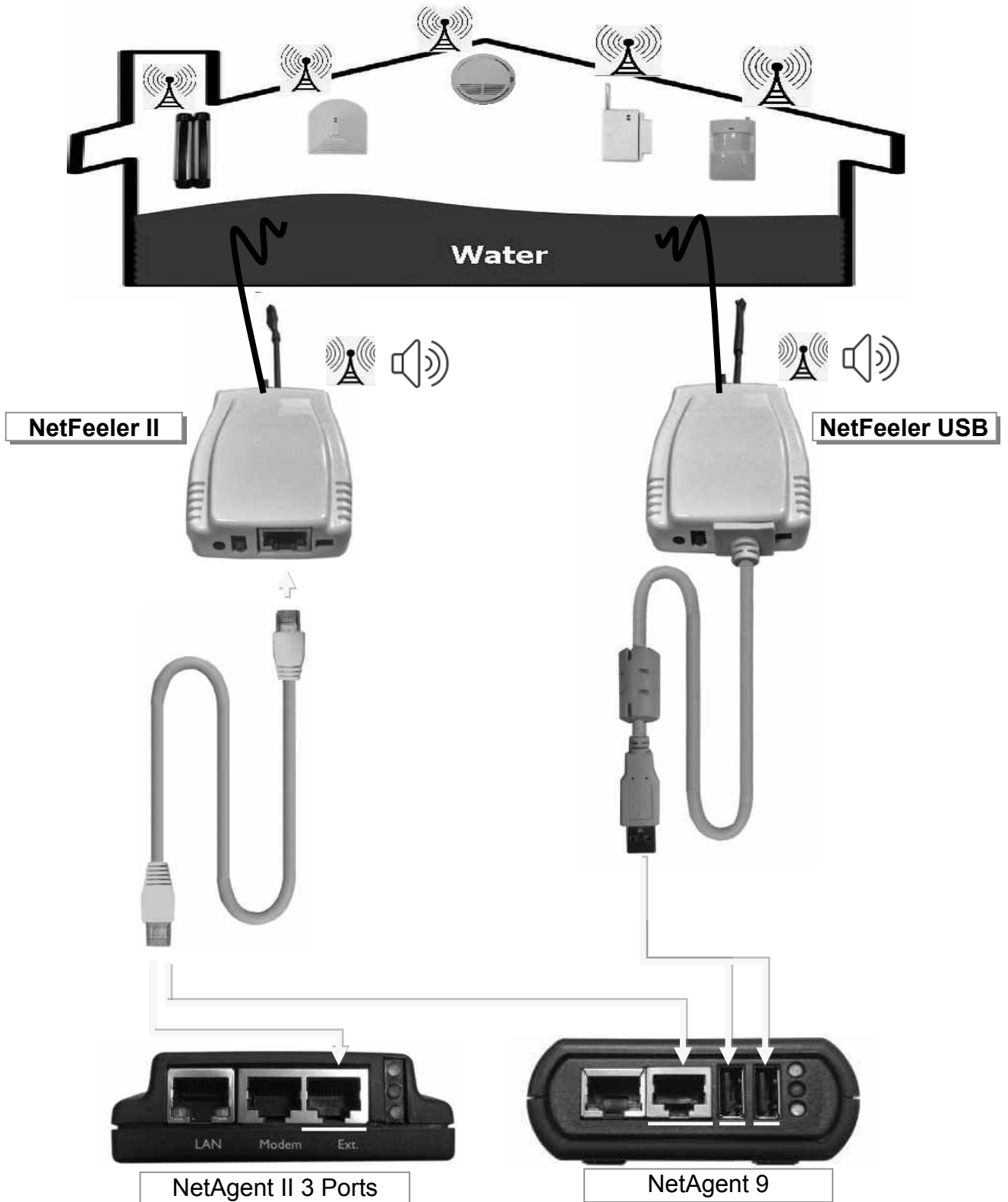
All Off

Help

## ■ Configuration > NetFeeler

NetFeeler is the external optional environmental sensor, It is to detects temperature, humidity and water. Inside NetFeeler, it has RF receiver to work with extension sensors such as smoke, security sensor.

### □ NetFeeler Setup





## NetFeeler

### NetFeeler :

To select NetFeeler type. NetFeeler II / NetFeeler USB

✳️ NetAgent 9 can use with NetFeeler II or NetFeeler USB

✳️ NetAgent II 3 Ports only to use with NetFeeler II

### Humidity/Temperature Critical value :

To set the lowest and highest critical values for temperature and humidity. NetFeeler II will send a warning message when it detects temperature or humidity values below and above these settings.

## Security Label

NetFeeler may connect up to 7 security sensors that communicates via RF. This section is to set the location or name of each sensor.

NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > NetFeeler

NetFeeler

NetFeeler

NetFeeler II

Disabled  
NetFeeler II  
NetFeeler USB

Critical UnderRun

Critical OverRun

Humidity (%)

40

90

Temperature (°C)

10.0

45.0

Security Label

Label 1

Factory gate

Label 2

Factory back door

Label 3

Office floor windows

Label 4

Finance Dept window(left)

Label 5

Finance Dept window(right)

Label 6

Warehouse door

Label 7

Garage door

Apply

Reset

Help

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

NetFeeler

Configuration

Log Information

Help

Information > NetFeeler

NetFeeler Status

Environmental Temperature

25.0 °C ( 77.0 °F )

Factory gate

Normal

Environmental Humidity

60 %

Factory back door

Normal

Water Status

Normal

Office floor windows

Normal

Gas Status

Normal

Finance Dept window(left)

Normal

Smoke Status

Normal

Finance Dept window(right)

Normal

Warehouse door

Normal

Garage door

Normal

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

NetFeeler

Configuration

Log Information

Help

Information > NetFeeler

NetFeeler Status

Environmental Temperature

25.0 °C ( 77.0 °F )

Factory gate

Normal

Environmental Humidity

61 %

Factory back door

Normal

Water Status

Normal

Office floor windows

Normal

Gas Status

Normal

Finance Dept window(left)

Normal

Smoke Status

Normal

Finance Dept window(right)

Alarm

Warehouse door

Normal

Garage door

Normal

Clear Alarm

Reset Alarm

Help

## NetAgent II 3 Ports

NetAgent

NetFeeler II

Information

Configuration

Log Information

Help

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

NetSwitch Action

WEB/Telnet

System Time

Language

NetFeeler II

	Critical UnderRun	Critical OverRun
Humidity (%)	40	90
Temperature (°C)	10.0	45.0

Security Label

Label 1	Factory gate	
Label 2	Factory back door	
Label 3	Office floor windows	
Label 4	Finance Dept windows(left)	
Label 5	Finance Dept windows(right)	
Label 6	Warehouse door	
Label 7	Garage door	

Apply Reset Help

NetAgent

NetFeeler II

Information

Configuration

Log Information

Help

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

NetFeeler II

Refresh status every 10 seconds

NetFeeler II Status

Environmental Temperature	27.3 °C ( 81.1 °F )
Environmental Humidity	70 %
Water Status	Normal
Gas Status	Normal
Smoke Status	Normal
Factory gate	Normal
Factory back door	Normal
Office floor windows	Normal
Finance Dept windows(left)	Normal

NetAgent

NetFeeler II

Information

Configuration

Log Information

Help

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

NetFeeler II

Refresh status every 10 seconds

NetFeeler II Status

Environmental Temperature	27.8 °C ( 82.0 °F )
Environmental Humidity	69 %
Water Status	Normal
Gas Status	Normal
Smoke Status	Normal
Factory gate	Normal
Factory back door	Normal
Office floor windows	Normal
Finance Dept windows(left)	Normal
Finance Dept windows(right)	Alarm
Warehouse door	Normal
Garage door	Normal

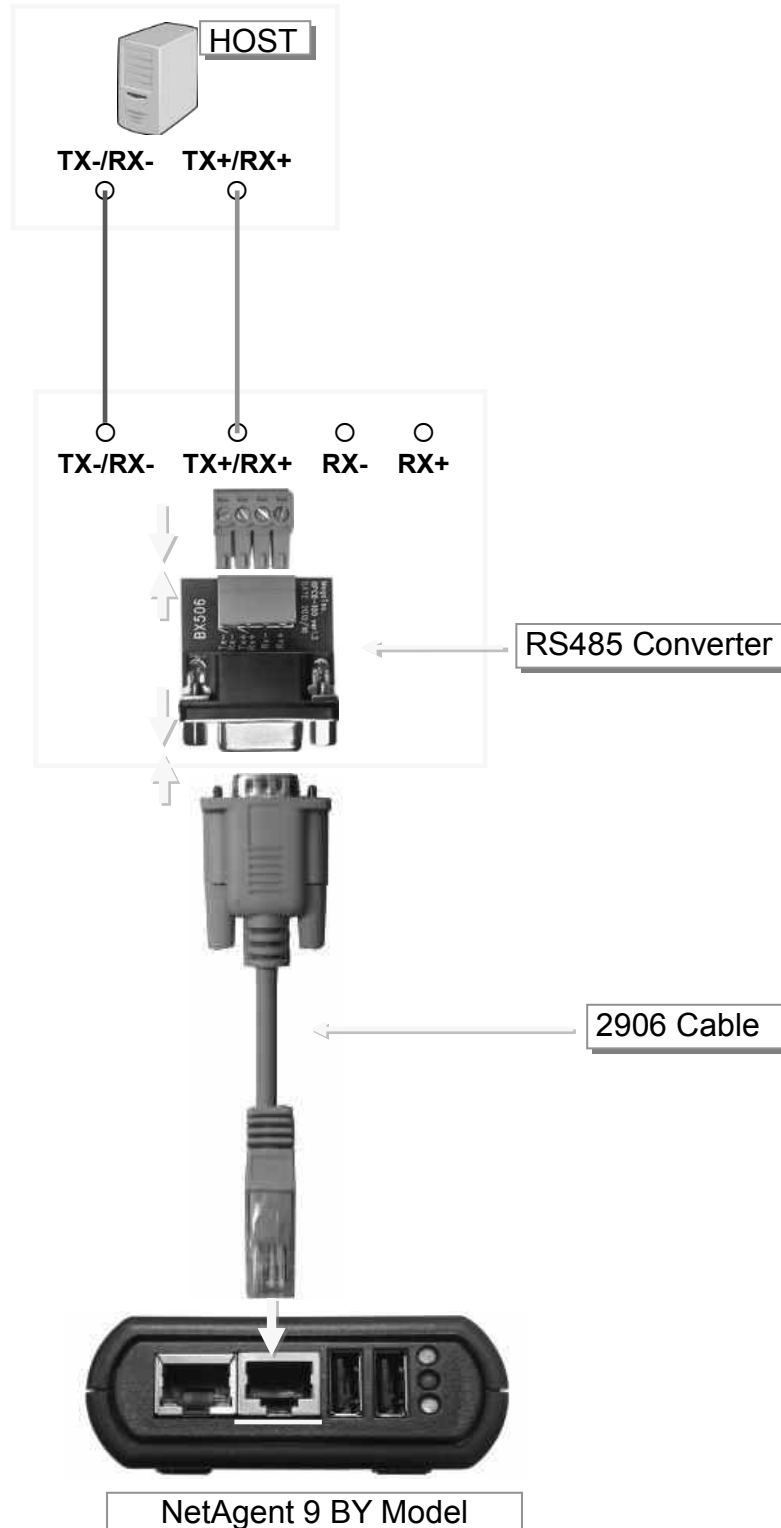
Clear Alarm Reset Alarm Help

## ■ Configuration > MODBUS

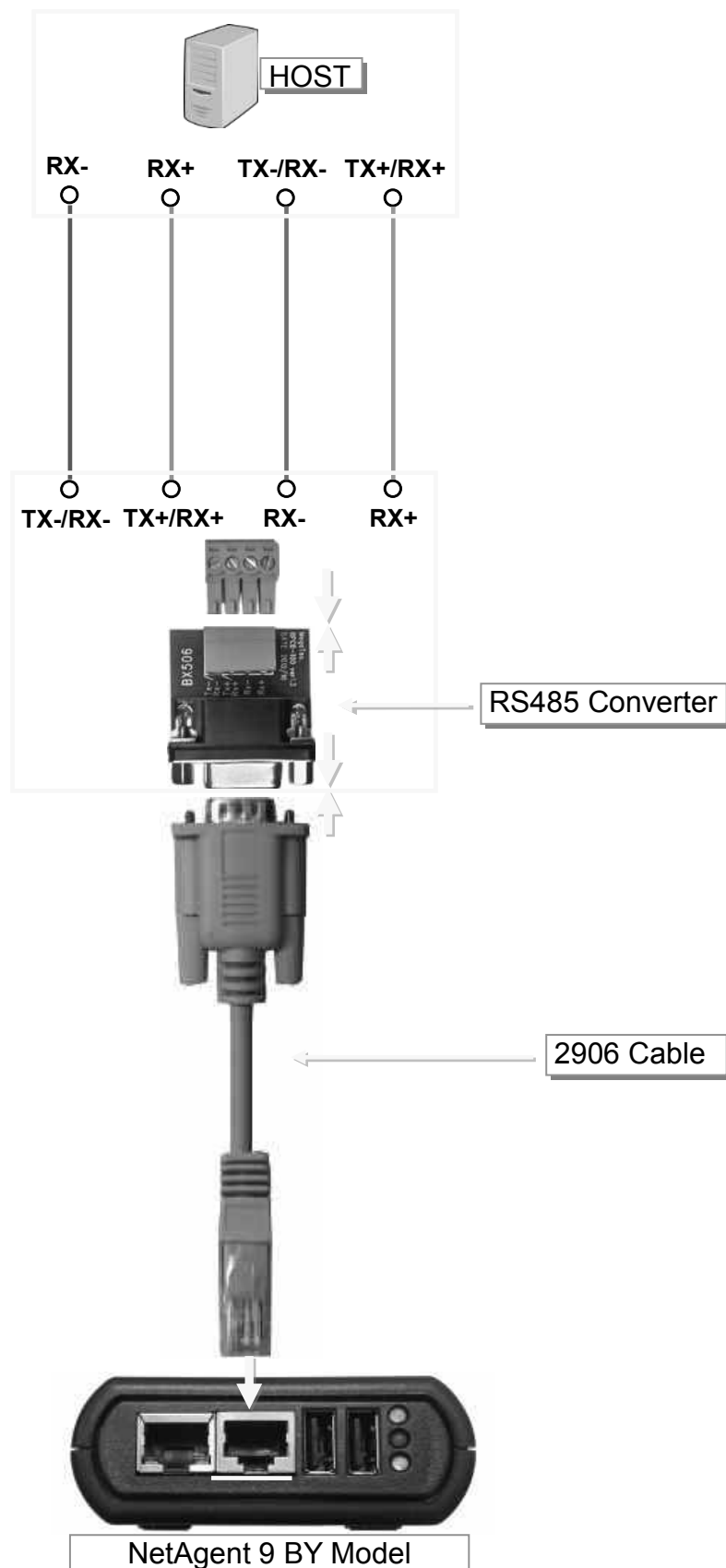
NetAgent supports Modbus on TCP/IP. And NetAgent 9 BY model also supports ModBus on RS485. Through Ethernet and serial communication, it may read multi UPS's data.

*Connection illustration as below*

□ RS485 2 lines connection(Half Duplex)



□ RS485 4 lines (Full Duplex)



## Modbus on TCP

### Modbus on TCP Device ID :

Enter device ID to read/write data when using Modbus on TCP communication

## Modbus on RS485

### Transmission Mode :

To select Modbus communication code RTU or ASCII

### Device ID :

Enter device ID

### Mode :

To select communicate mode of Full Duplex and Half Duplex

### Baud Rate :

Baud Rate of 2400 / 4800 / 9600 / 19200 / 38400 / 57600 bps

### Data bits :

Data bits of 8 bits / 7 bits

### Parity :

Parity of None/ odd /even

### Stop bits :

Stop bits of 1 / 2

## NetAgent 9

Configuration > Modbus

**Modbus on TCP**

Modbus on TCP Device ID: 1

**Modbus on RS485**

Transmission Mode: RTU (Disabled RTU ASCII)

Device ID: 1

Mode: Full Duplex (Full Duplex Half Duplex)

Baud Rate: 9600 (9600, 2400, 4800, 19200, 38400, 57600)

Data bits: 8

Parity: None

Stop bits: 1

Apply Reset Help

## ■ Configuration > Language

This page is to set the language interface for NetAgent.

### Interface Language

To set the language of NetAgent web pages. When first start login to the webpage of NetAgent, NetAgent will auto detects the OS language of the PC and shows the same language on its web pages. Users may choose the language per preference

Note: Users will have to enable cookies before they use this function.

### Email Preference

Select language preference when receive emails and SMS.

*Languages supported by NetAgent*

#### NetAgent 9

- English
- Deutsch
- Português
- Español
- Français
- Italiano
- Türkçe
- 繁體中文
- 簡體中文
- 한글
- 日本語
- Русский
- ไทย
- Polska

#### NetAgent II

##### EAST Version

- English
- 繁體中文
- 簡體中文
- 한글
- 日本語
- Русский
- ไทย

##### WEST Version

- English
- Deutsch
- Português
- Español
- Français
- Italiano
- Русский
- Türkçe
- Polska

#### NetAgent 9 Mini & NetAgent 9



## ■ Log Information > Event Log

It shows record of all events, giving the Date/Time of the event and a detailed description of each. Log capacity is 1000 logs. When reach to the limit, it rewrites on the previous logs. Log can be save as csv file.

**csv file name as below**

NetAgent 9 → eventlog\_year/month.csv , e.g.:eventlog\_201706

NetAgent II → eventlog.csv , e.g. : eventlog.csv

NetAgent 9 Mini & NetAgent 9

Log Information > Event Log

Event Log

Date/Time	Event
2017/06/27 12:06:51	UPS communication has been lost.
2017/06/27 10:47:25	Utility power has been restored.
2017/06/27 10:47:05	UPS has switched to battery power.
2017/06/27 10:46:44	Internal diagnostic self-test passed.
2017/06/27 10:46:28	Internal diagnostic self-test failed.
2017/06/27 10:46:24	The UPS return from bypass mode.
2017/06/27 10:45:03	The UPS has returned to normal operation.
2017/06/27 10:45:03	The UPS is entering bypass mode.
2017/06/27 10:44:38	battery are very low.
2017/06/27 10:44:14	Utility power has been restored.
2017/06/27 10:44:14	UPS has switched to battery power.

Check event by year/month

Date of Event 2017/06

Save Clear Help

save.csv file

Log Information > Event Log

Event Log

eventlog\_201706.dat

eventlog\_201707.dat

eventlog\_201708.dat

1. Select dat. file to delete

2. Delete

Select All Clear All Delete

## NetAgent Mini & NetAgent II

NetAgent

Event Log

Date/Time	Event
2017/06/27 18:10:21	UPS passed internal self-test.
2017/06/27 18:00:28	UPS Test
2017/06/27 17:54:55	UPS communication has been established.
2017/06/27 10:00:18	UPS communication has been lost.
2017/06/27 09:57:20	UPS has switched to battery power.
2017/06/27 09:57:17	UPS communication has been established.
2017/06/27 09:54:19	UPS communication has been lost.
2017/06/27 09:51:22	UPS has switched to battery power.
2017/06/27 09:49:31	UPS communication has been established.
2017/06/27 08:51:50	NetSwitch Communication Lost
2017/06/27 08:51:49	UPS communication has been lost.
2017/06/26 19:01:50	Security5 Alarm

Clear all log

Clear Save Help

save.csv file

## ■ Log Information > SMS Log

It shows SMS record of all mobile number, giving the Date/Time of the SMS sent and a detailed description of each. Log capacity is 1000 logs. When reach to the limit, it rewrites on the previous logs.

NetAgent 9 model of BX/BY can save the SMS log as csv file.

csv file as below

smslog\_year/month.csv , e.g : smslog\_201706.csv

**NetAgent 9**

Date/Time	Mobile Number	SMS Content
2017/06/27 18:34:28	0955055657	UPS Agent(My Office)<192.168.66.102>:The UPS has returned from a low battery.
2017/06/27 18:34:19	0917461725	UPS Agent(My Office)<192.168.66.102>:The UPS has returned from a low battery.
2017/06/27 18:34:09	0922725209	UPS Agent(My Office)<192.168.66.102>:The UPS has returned from a low battery.
2017/06/27 18:34:00	0955955657	UPS Agent(My Office)<192.168.66.102>:The UPS has returned from a low battery.
2017/06/27 18:33:51	0955055657	UPS Agent(My Office)<192.168.66.102>:battery are very low.UPS will be shutdown
2017/06/27 18:33:41	0917461725	UPS Agent(My Office)<192.168.66.102>:battery are very low.UPS will be shutdown
2017/06/27 18:33:32	0922725209	UPS Agent(My Office)<192.168.66.102>:battery are very low.UPS will be shutdown
2017/06/27 18:33:23	0955955657	UPS Agent(My Office)<192.168.66.102>:battery are very low.UPS will be shutdown
2017/06/27 18:33:14	0955055657	UPS Agent(My Office)<192.168.66.102>:UPS communication has been established.
2017/06/27 18:33:04	0917461725	UPS Agent(My Office)<192.168.66.102>:UPS communication has been established.
2017/06/27 18:32:55	0922725209	UPS Agent(My Office)<192.168.66.102>:UPS communication has been established.
2017/06/27 18:32:45	0955955657	UPS Agent(My Office)<192.168.66.102>:UPS communication has been established.
2017/06/27 18:28:12	0955955657	TEST

Check event by year/month → Date of SMS 2017/06 ▼ Save Clear... Help

save.csv file

## NetAgent II 3PORTS

Date/Time	Mobile Number	SMS Content
2017/06/28 18:57:31	0922725209	UPS Agent(My Office)<192.168.66.102>:UPS communication has been lost. (Send SMS Failed!)
2017/06/28 18:56:10	0917461725	UPS Agent(My Office)<192.168.66.102>:UPS communication has been lost. (Send SMS Failed!)
2017/06/28 18:54:49	0955055657	UPS Agent(My Office)<192.168.66.102>:UPS communication has been lost. (Send SMS Failed!)
2017/06/27 19:13:42	0922725209	UPS Agent(My Office)<192.168.66.103>:Utility power has been restored.
2017/06/27 19:13:09	0917461725	UPS Agent(My Office)<192.168.66.103>:Utility power has been restored.
2017/06/27 19:12:36	0955055657	UPS Agent(My Office)<192.168.66.103>:Utility power has been restored.
2017/06/27 19:12:03	0922725209	UPS Agent(My Office)<192.168.66.103>:UPS has switched to battery power.
2017/06/27 19:11:30	0917461725	UPS Agent(My Office)<192.168.66.103>:UPS has switched to battery power.
2017/06/27 19:10:57	0955055657	UPS Agent(My Office)<192.168.66.103>:UPS has switched to battery power.

Clear Help



## ■ Log Information > Data Log

It records UPS Input Voltage/Output Voltage/ Frequency/ Loading/Capacity/ Temperature. When connects with NetFeeler, temperature, humidity will also be recorded. Log capacity is 5000 logs. When reach to the limit, it rewrites on the previous logs. Logs can be saved in CSV format by clicking on “Save Data Log”.

**csv file name as below**

NetAgent 9 → datalog\_year/month.csv , e.g.:datalog\_201706

NetAgent II → upsdata.cs

**NetAgent 9 Mini & NetAgent 9**

Page number

Log Information > Data Log

Data Log

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Next

Date/Time	Input Volt.(V)	Output Volt.(V)	Freq. (Hz)	Load(%)	Capacity(%)	Battery Volt.(V)	Cell Volt.(V)	Temp.	Env. Temp.	Env. Humidity
2017/06/25 22:39:38	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	32.5°C 90.5°F	71
2017/06/25 22:38:37	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	32.5°C 90.5°F	70
2017/06/25 22:37:36	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.0°C 91.4°F	69
2017/06/25 22:36:35	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.5°C 92.3°F	68
2017/06/25 22:35:34	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.5°C 92.3°F	68
2017/06/25 22:34:33	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.5°C 92.3°F	68
2017/06/25 22:33:32	220.1	220.1	50.0	100	100	325.20	27.10	30.1°C 86.1°F	33.5°C 92.3°F	68
2017/06/25 22:27:43	220.1	220.1	50.0	100	100	325.20	27.10	30.1°C 86.1°F	32.5°C 90.5°F	71
2017/06/25 22:26:24	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.0°C 91.4°F	71
2017/06/25 22:25:23	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.0°C 91.4°F	68
2017/06/25 22:24:21	220.1	220.1	50.0	10	100	325.20	27.10	30.1°C 86.1°F	33.0°C 91.4°F	69

Date of Datalog: 2017/06/25

Save Data Log Clear Help

Check event by year/month

save csv.file

Log Information > Data Log

Data Log

datalog\_20170624.dat  
datalog\_20170625.dat  
datalog\_20170626.dat  
datalog\_20170627.dat  
datalog\_20170727.dat  
datalog\_20170827.dat

1. Select dat. file to delete

2. Delete

Select All Clear All Delete

## NetAgent Mini & NetAgent II

NetAgent

Data Log

Information

Configuration

Log Information

Event Log

Data Log

Battery Test Log

Help

Date/Time	Input Volt.	Output Volt.	Freq. (Hz)	Load	Capacity	Temp.	Env. Temp.	Env. Humidity
2017/06/27 19:30:00	220.1	220.1	50.0	10	100	30.1°C 86.1°F	26.4°C 79.5°F	59
2017/06/27 19:29:00	220.1	220.1	50.0	10	100	30.1°C 86.1°F	26.4°C 79.5°F	59
2017/06/27 19:27:59	220.1	220.1	50.0	10	100	30.1°C 86.1°F	25.9°C 78.6°F	60
2017/06/27 19:26:58	220.1	220.1	50.0	10	100	30.1°C 86.1°F	25.9°C 78.6°F	60
2017/06/27 19:25:57	220.1	220.1	50.0	10	100	30.1°C 86.1°F	25.9°C 78.6°F	59
2017/06/27 19:24:57	220.1	220.1	50.0	10	100	30.1°C 86.1°F	25.9°C 78.6°F	58
2017/06/27 19:23:56	220.1	220.1	50.0	10	100	30.1°C 86.1°F	25.9°C 78.6°F	59
2017/06/27 19:10:23	220.1	220.1	50.0	10	100	30.1°C 86.1°F	26.4°C 79.5°F	59

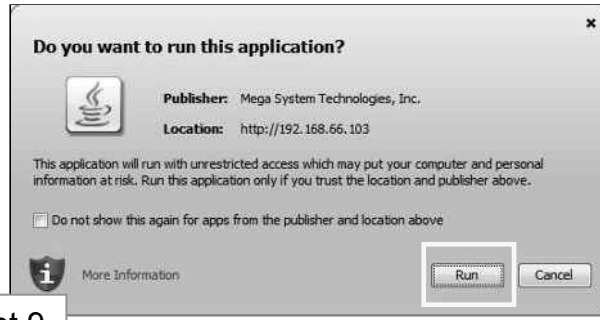
Clear

Save Data Log

Help

## ■ Log Information > Battery Test Log

To record the UPS Self-Test and it shows in graphic. UPS Self-Test option is available under System Information > Remote Contro.



### NetAgent 9 Mini & NetAgent 9

Information

Configuration

Log Information

Event Log

Data Log

Battery Test Log

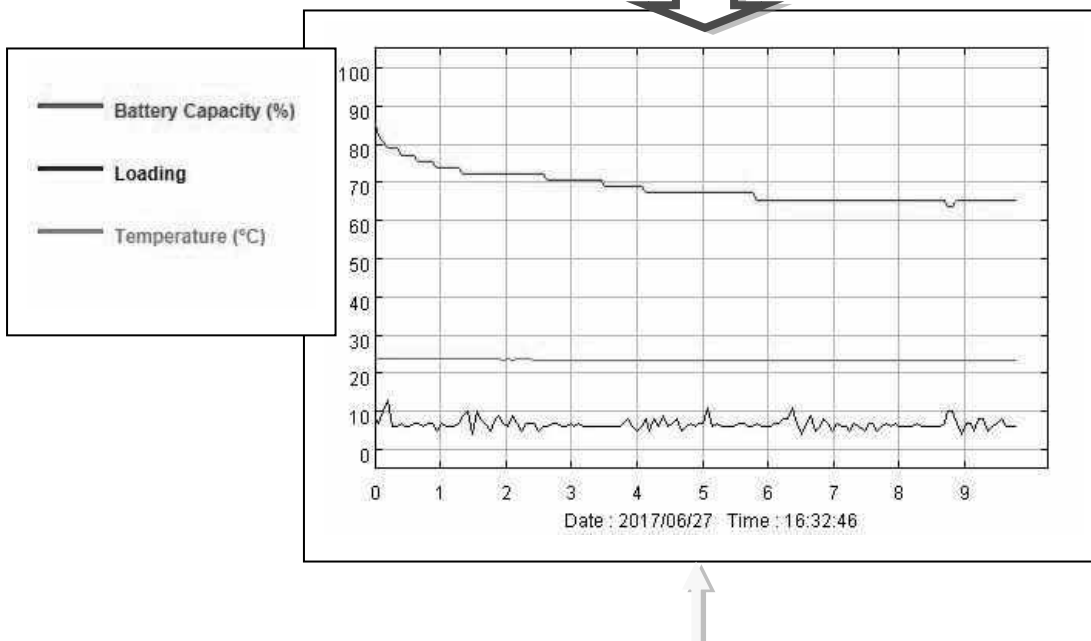
Help

Log Information > Battery Test Log

Battery Test Log

Battery Testing Start Date/Time	Battery Testing Duration	Operation
2017/06/27 08:23:01	00:04:49	Save Delete
2017/06/27 16:32:46	00:09:46	Save Delete

Refresh Help



Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

Information > Remote Control

UPS Testing

☒ 10-Second Test

☐ Deep Battery Test for 10 minute(s)

☐ Test until battery capacity below 10 %

☐ Test Until Battery Low

☐ Cancel Test

## NetAgent Mini & NetAgent II



**NetAgent** Remote Control

**Information**

- System Status
- Basic Information
- Current Status**
- Remote Control
- Meter/Chart
- Modem Status
- NetFeeler II

**Configuration**

**UPS Testing**

- ☒ 10-Second Test
- ☐ Deep Battery Test for  minute(s)
- ☐ Test until battery capacity below  %
- ☐ Test Until Battery Low
- ☐ Cancel Test

## ■ Help > Search NetAgent

This to display all the found NetAgent within network with its serial number; Mac Address; Hardware/Firmware version and its IP address. Double click on the highlighted unit to open the webpage of such device.

### NetAgent 9 Mini & NetAgent 9

Device	MAC Address	Hardware	Firmware	IP Address
3926404591	00:03:EA:08:2D:EF	HBT506	2.48.BT506.EAST	192.168.66.102
3927177694	00:03:EA:13:F9:DE	HDY520	3.5.DY520.a	192.168.66.104

### NetAgent Mini & NetAgent II

Device	MAC Address	Hardware	Firmware	IP Address
3927177694	00:03:EA:13:F9:DE	HDY520	3.5.DY520.a	192.168.66.104
3927225097	00:03:EA:14:B3:09	HBY506	3.5.BY506	192.168.66.103

## ■ Help > Serial Port Debug

It shows the communication status between NetAgent and UPS by Sent and Received columns. Command can send automatically by NetAgent, or manually enter the command to UPS. (Java is required)

### Port Information

This is to configure the communication parameter between NetAgent and UPS. Parameters are Debug Mode; Port; Speed (Baud), Data Bits; Parity and Stop Bits. Two encoding formats: ASCII or Hexadecimal.

If Debug mode is set as manually, user may enter its parameter under Send Contents column.

### Sent Information

This column shows the real time sent command

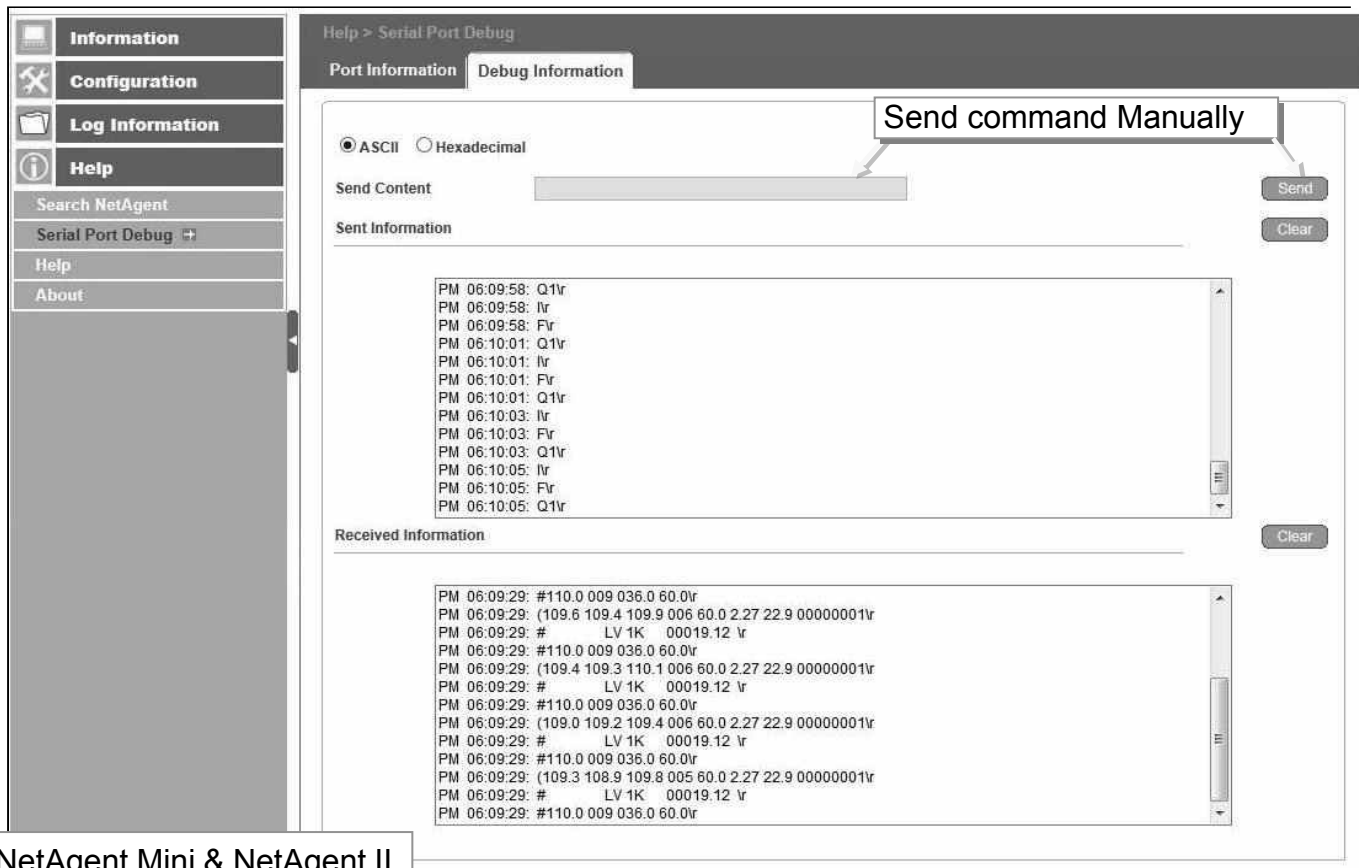
### Received Information

This display the response that NetAgent receives from UPS

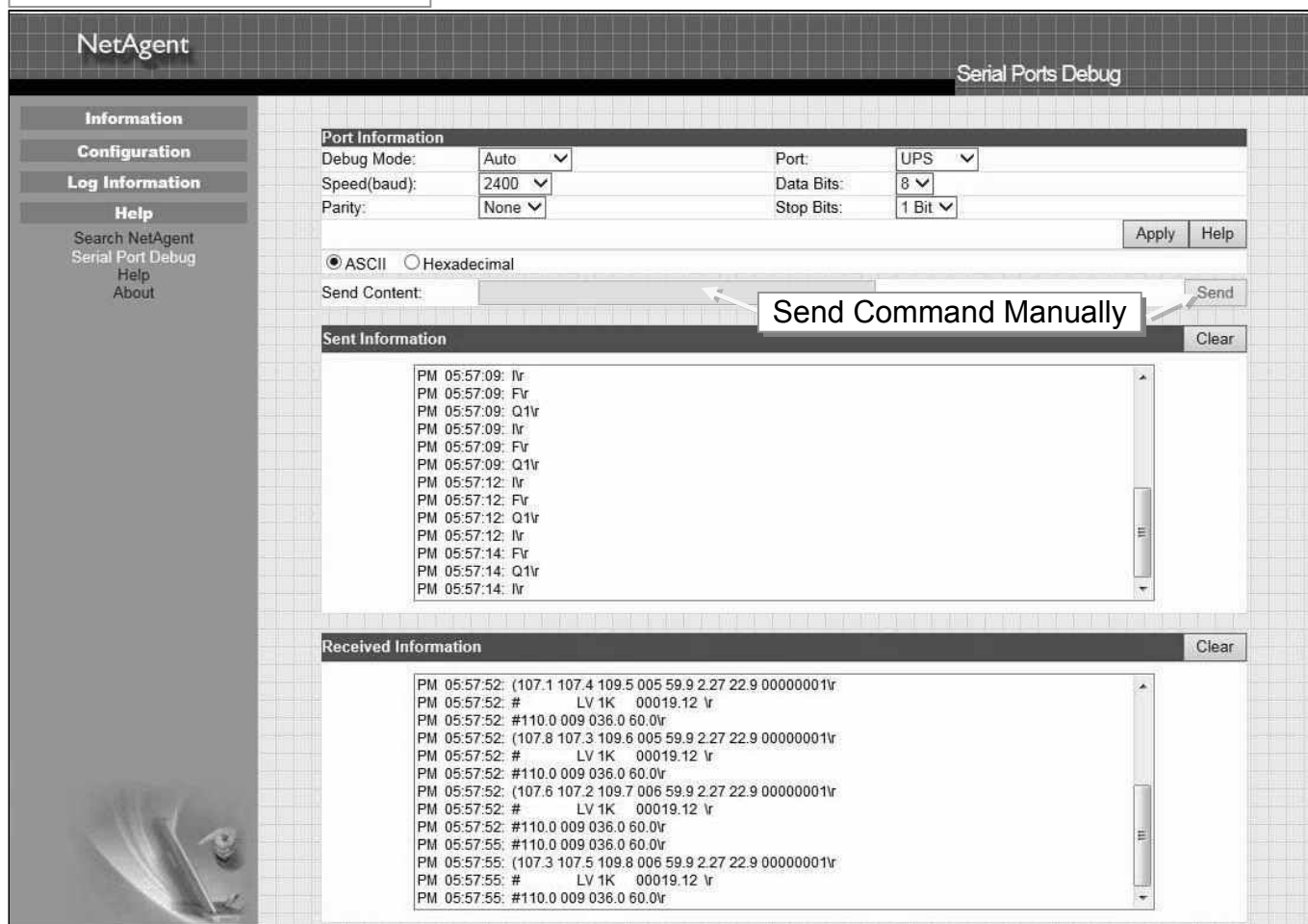


## NetAgent 9 Mini & NetAgent 9





NetAgent Mini & NetAgent II



## ■ Help > Help

This is to help to illustrate each feature/option that NetAgent offers

### NetAgent 9 Mini & NetAgent 9

**Information**

- System Status
- Basic Information
- Current Status
- Remote Control
- Meter/Chart
- SMS Modem Status
- Modem Basic Info.
- NetSwitch Status
- NetFeeler II

**Configuration**

**Log Information**

**Help**

**System Information**

This section is to show NetAgent system information. Values in Hardware Version/Firmware Version/Serial Number/System Time, are provided by NetAgent itself. Other values are user settings from the Configuration pages.

**Network Status**

This section is to show NetAgent Network settings. The MAC address is provided by NetAgent. All other values in this section are user settings from the Configuration pages.

**Wireless Status** (Only with BX Models)

This section is to show the information that wireless network obtained.

This page is to show NetAgent system information and Network settings. Values shown here are either provided by NetAgent itself or they are user settings from the Configuration pages.

### NetAgent Mini & NetAgent II

**NetAgent Help** **System Status**

**Information**

- System Status
- Basic Information
- Current Status
- Remote Control
- Meter/Chart
- Modem Status
- Modem Basic Information
- NetSwitch Status
- NetFeeler II

**Configuration**

**Log Information**

**Help**

**System Information**

This section is to show NetAgent system information. Values in Hardware Version/Firmware Version/Serial Number/System Time, are provided by NetAgent itself. Other values are user settings from the Configuration pages.

**Network Status**

This section is to show NetAgent Network settings. The MAC address is provided by NetAgent. All other values in this section are user settings from the Configuration pages.

This page is to show NetAgent system information and Network settings. Values shown here are either provided by NetAgent itself or they are user settings from the Configuration pages.



## ■ Help > About

### About

It shows NetAgent's hardware/firmware and serial number.

### Save/Restore Settings

#### Save Current Configuration

Click on Save to save the configuration to your PC. The text file will have a default format of YYYY\_MMDD\_####.cfg. Administrator permission required.

#### Restore previous configuration

Use this function to restore a \*.cfg configuration that has been saved earlier. Click Browse... to the location of the file and click **Restore**.

#### Reset to factory default

This function will reset all settings to its default value.

### NetAgent 9 Mini & NetAgent 9

About	
Firmware Version	3.5.BY506
Hardware Version	HBY506
Serial Number	3927225097

Save/Restore Settings	
Save current configuration	Save
Restore previous configuration	Browse... Restore
Reset to factory default	Reset

Mega System Technologies, Inc.  
Tel: +886-2-87922060 Fax: +886-2-87922066  
E-mail: netagent@megatec.com.tw  
http://www.megatec.com.tw

READY

### Firmware Update Settings

Default FTP server is set as <ftp.icv99.com> with its username/password. Click on Update Now, NetAgent will connect to the FTP server and upgrade to the latest firmware version accordingly. Or, it could upgrade per preset time

FTP Server: ftp.icv99.com  
User: netagent9  
Password: \*\*\*\*\*

Update Now >> Apply

Auto Update: Every NO At (Hour: Minute) Apply

Update Firmware from FTP Client: Enable Apply

Firmware Update

To enable NetAgent's FTP firmware upgrade, please download the appropriate firmware version from the website and upgrade through FTP Client Software.

Mega System Technologies, Inc.  
Tel: +886-2-87922060 Fax: +886-2-87922066  
E-mail: netagent@megatec.com.tw  
http://www.megatec.com.tw

READY

## NetAgent Mini & NetAgent II

The screenshot shows the NetAgent web interface. On the left is a navigation menu with links: Information, Configuration, Log Information, and Help. The main content area is titled 'About' and displays device information: Firmware Version (2.48.BT506.EAST), Hardware Version (HBT506), and Serial Number (3926404591). Below this is the 'Save/Restore Settings' section with buttons for 'Save', 'Restore\*' (with a file browser icon), and 'Reset'. The 'Firmware Update Settings' section includes fields for 'FTP Server' (ftp.icv99.com), 'User' (netageast), and 'Password' (masked with asterisks). It also has 'Update Now >>' and 'Apply' buttons. An 'Auto Update' section allows setting a frequency (Every NO, At 02:00) and an 'Update Firmware from FTP Client' checkbox (checked). A note states: '\*: System will reboot when these items have been Applied.' At the bottom right, contact information for Mega System Technologies, Inc. is provided.

### Update Firmware from FTP Client

-Select on Enable

-Download the appropriate firmware version from website  
(<http://www.megatec.com.tw>)

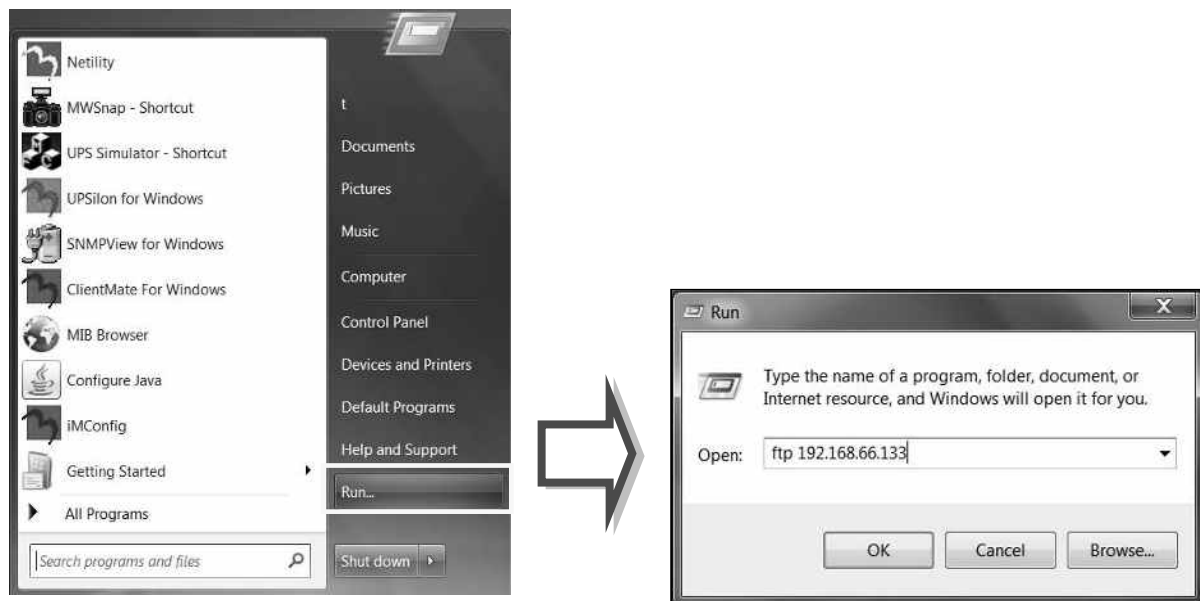
-Unzip the file and known the directory path

The screenshot shows the 'NetAgent 9' firmware download page. It includes a sidebar with links like 'Software Downloads', 'Technical Support & FAQ', 'Online Ordering', and 'Shipment Tracking'. The main content area provides a 'NetAgent Firmware download procedure' with three steps: 1. Check your CURRENT FIRMWARE Version, 2. Locate your MODEL NUMBER shown at the bottom of your NetAgent device, and 3. Choose the correct firmware version corresponding to your Model Number. Below this is a table of firmware versions:

Model	Firmware name	Date
DY520	3.5.DY520.a.zip	23rd December, 2016
DL520	3.5.DL520.zip	23rd December, 2016
CY504	3.5.CY504.zip	23rd December, 2016
BY506	3.5.BY506.zip	23rd December, 2016
DX520	3.5.DX520.zip	23rd December, 2016
CX504	3.5.CX504.zip	23rd December, 2016
BX506	3.5.BX506.zip	23rd December, 2016

A diagram of a computer setup (monitor, tower, keyboard, mouse) is shown at the bottom right, with an arrow pointing to the 'Firmware name' column of the table.

-Execute ftp + NetAgent's IP address



-FTP login

```
Connected to 192.168.66.133.
220 Service ready for new user
User (192.168.66.133:(none)): admin
331 need password
Password:
230 OK
ftp> ls
200 Port command successful.
150 Opening ASCII mode data connection for file list
3.4.BY506.bin
226 Transfer complete.
ftp: 15 bytes received in 0.00Seconds 15000.00Kbytes/sec.
ftp> put d:\fw\3.5.BY506.bin
200 Port command successful.
150 Opening data connection for 3.5.BY506.bin
226 file received ok.
ftp: 7733248 bytes sent in 8.52Seconds 907.87Kbytes/sec.
ftp> quit
```

1. Enter username/password that configured on Netility

2. Enter command ls to show available firmware bin file

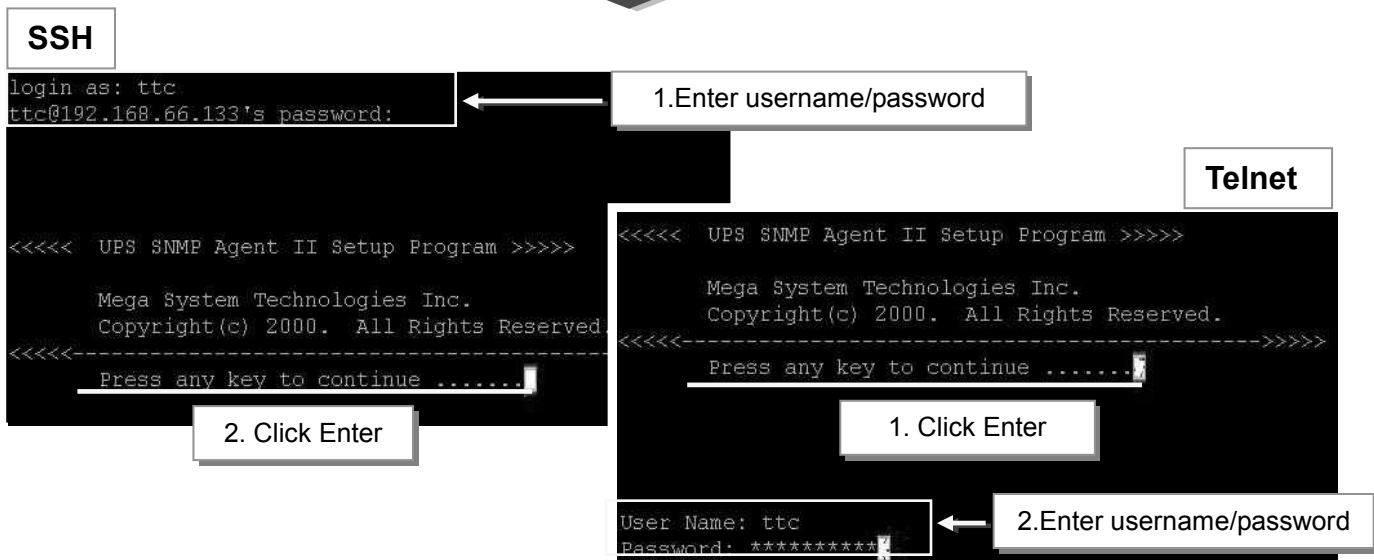
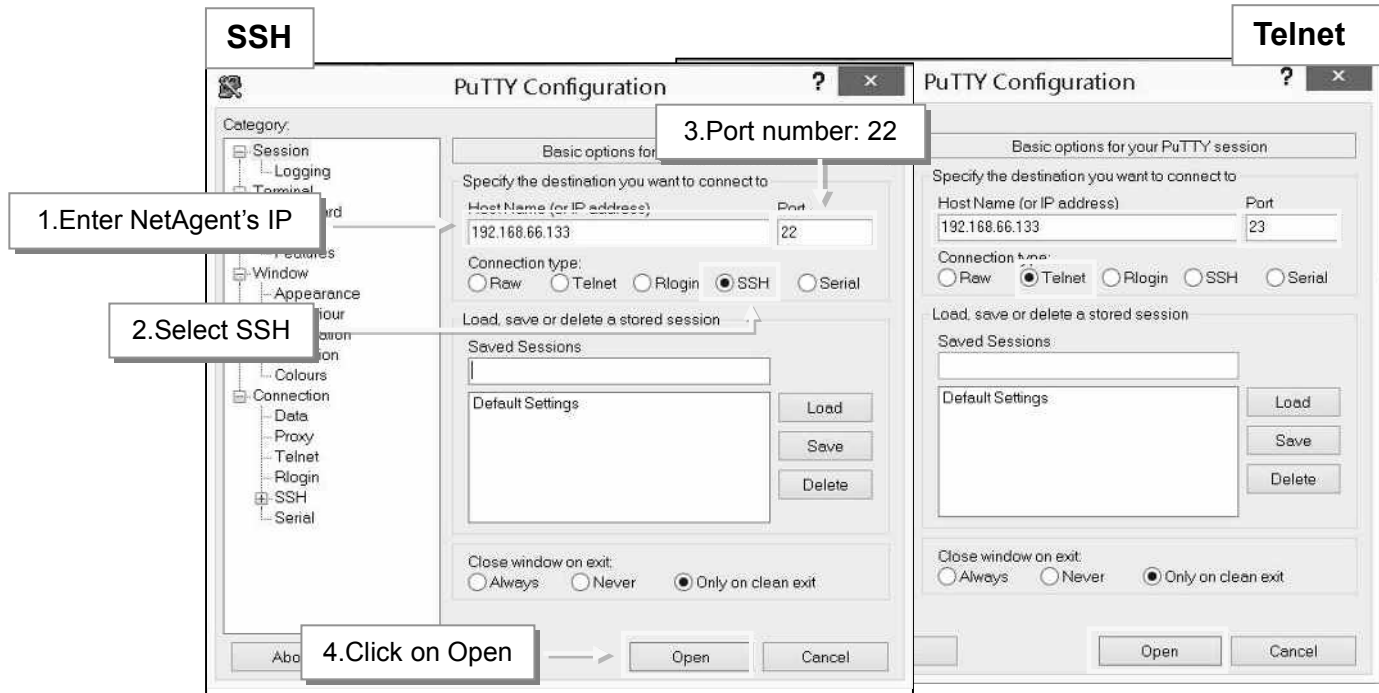
3. Enter put command with bin file directory

4. Once complete, enter command quit

## Chapter 5. Telnet/ SSH

Despite to login to the NetAgent's webpage, it could also access via Telnet or SSH

- ✳ Ensure NetAgent port 22 is enabled when using SSH connection and username/password are required.
- ✳ When using Telnet, port 23 must be enabled



Enter to the Main Menu and enter the number of the option under **Select =>** and press ENTER

```
<<<<          Main Menu          >>>>
<----->
1. Set IP Address.
2. Set SNMP MIB System.
3. Set SNMP Access Control.
4. Set SNMP Trap Notification.
5. Set UPS Properties.
6. Set UPS Devices Connected.
7. Set System Time & Time Server.
8. Set Web and Telnet User Account.
9. Set E-mail.
a. Reset Configuration to Default & Reboot
b. Set Environment Group.
c. Save & Reboot.
0. Exit Without Saving.

Select => 1/  ← Select
```

1.Set IP Address :

This function allows you to setup IP Address, Gateway Address, Subnet Mask

2.Set SNMP MIB System :

To set the MIB system group parameters.

3.Set SNMP Access Control :

To set the Manager IP, Community, Access Permission.

4.Set SNMP Trap Notification :

To set Trap notification

5.Set UPS Properties :

To setup the Communication Type of UPS, UPS Device Name and Battery Replacement Date.

6.Set UPS Device Connect :

To setup the System Name, Rating which connected., Connected.

7.Set System Time & Time Server :

To setup the System date, time and two time servers.

8.Set Web and Telnet user Account :

This is allows to set users account's authority.

9.Set E-mail :

To set e-mail accounts to receive power event notification for emergency management.

a.Reset configuration to Default & Reboot :

Set all values to their default settings.

b.Set Environment Group :

To set critical value for environmental sensor

c.Save & Reboot :

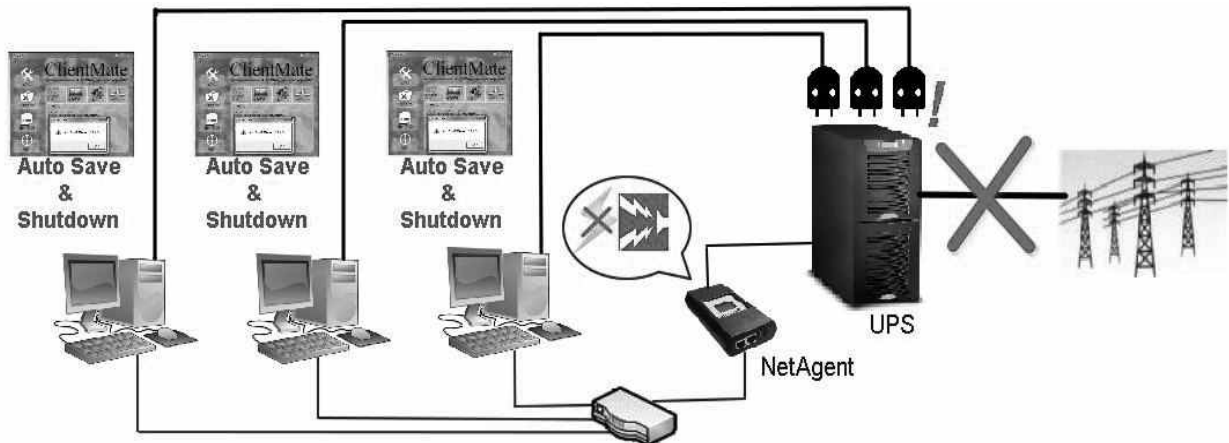
Save the current configuration data, including any changes you have made, and reboot the Net Agent.

0.Exit Without Saving :

Exit, all configuration changes will be lost

## Chapter 6. ClientMate

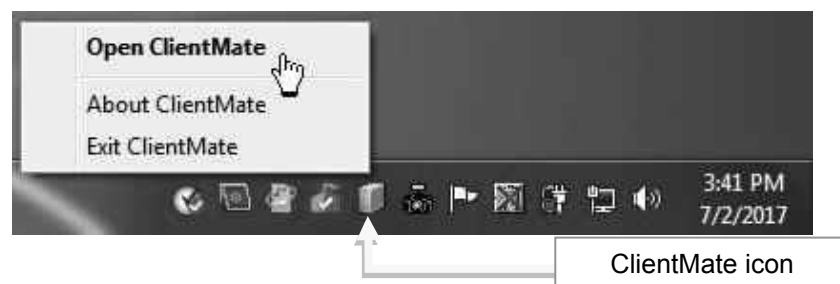
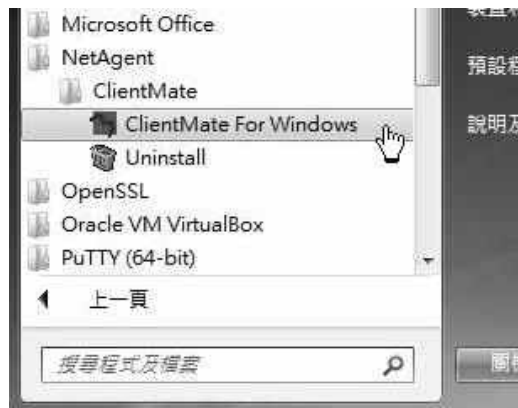
ClientMate is shutdown software for PC that connects with NetAgent. This utility is for the Windows platform. When the ClientMate gets the power failure signal from the NetAgent. The ClientMate will save the files and shutdown the system gracefully. When the hardware installation of the NetAgent has been completed, install the ClientMate on any of the Windows system on the network. When ClientMate detects AC Fail, Battery Low, Schedule Shutdown signals from the NetAgent, it will save the file and shutdown the system gracefully to avoid system crash.



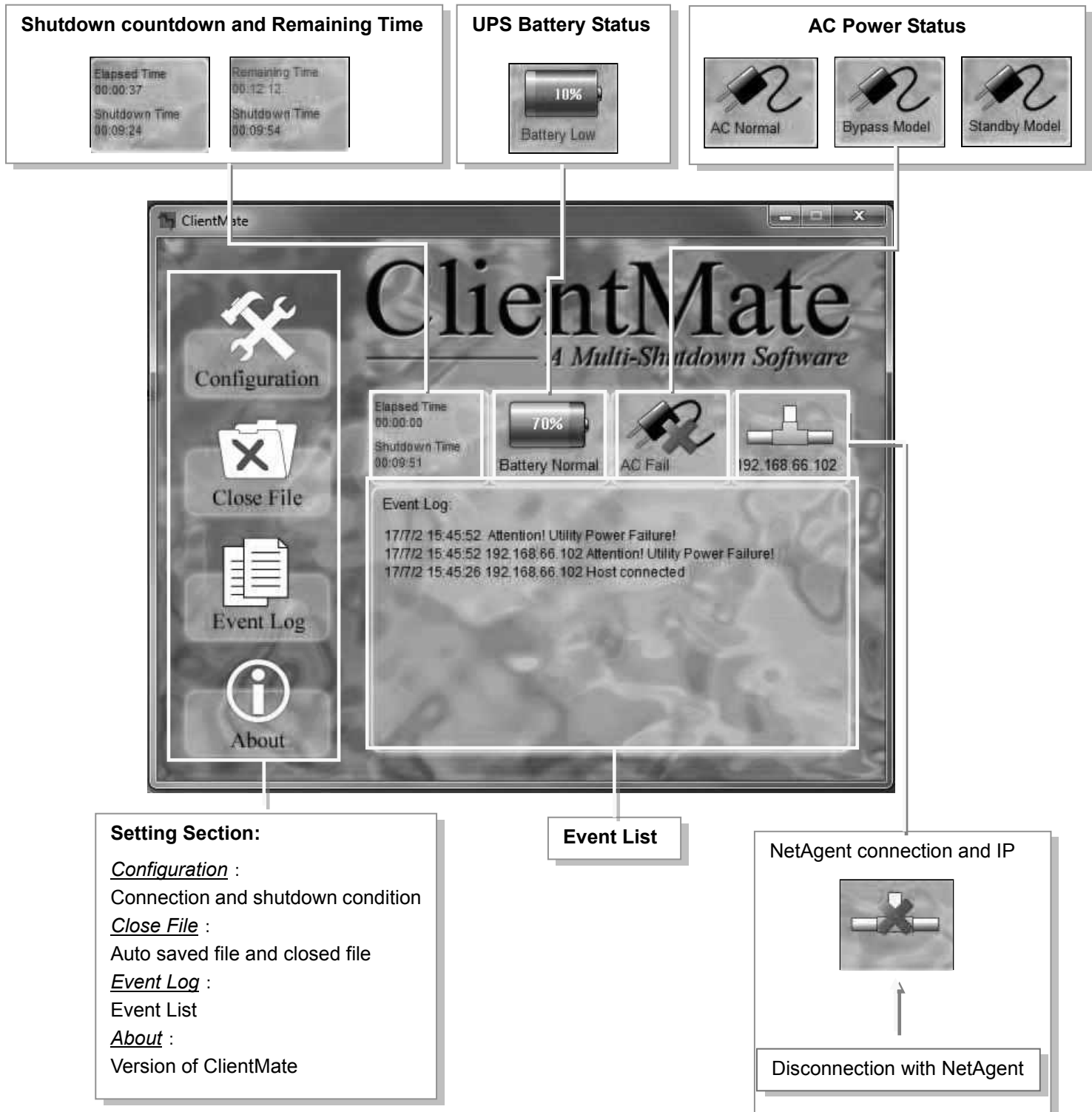
### Installation and setup

ClientMate software is available in the CD provided with NetAgent. After installed, it save under directory of

All Program > NetAgent > ClientMate > ClientMate for Windows



## Operation Interface



## Configuration

**ClientMate**  
A Multi-Shutdown Software

Configuration  
Close File  
Event Log

To select connection via SNMP or UPSilon. If SNMPV3 , username/password, Authenticate, privacy are required

Configure

General | Power Failure | Schedule Shutdown

Host Connection

Host address	SNMP Port	Connection Type

Click Add to add NetAgent device

Add

Host Connection

☒ SNMP V1/V2  
☐ SNMP V3  
☐ UPSilon/RUPS

User Name:   
Password:   
Authenticate: MD5  
Privacy: DES

Host: 192.168.66.102  
SNMP port: 161  
Community: public

Query...  
Cancel

Enter IP address of NetAgent or UPSilon. Click on Query to show all available NetAgent

Warning Messages

☐ Broadcast Warning Messages (On Server platform)  
☒ Popup Warning Message

Configuration Password

Password:   
Confirmed Password:

(N) = NetAgent  
(S) = UPSilon PC

OK Cancel

Connection Query

Available List:

(N)	192.168.66.102
(N)	192.168.66.102
(S)	192.168.66.101

Refresh Connect Cancel



**Configure**

General | Power Failure | Schedule Shutdown

Host Connection

Host address	SNMP Port	Connection Type
192.168.66.102	161	SNMP V1/V2

Add Modify Remove

Security Level:  Medium

Warning Messages

☐ Broadcast Warning Messages (On Server platform)

☒ Pop up Warning Message

Configuration Password

Password:

Confirmed Password:

OK Cancel

If connect with multi NetAgent, shutdown condition can be perform by security level.  
 Low : All NetAgent with AC failure condition  
 Medium : 50% NetAgent device has AC failure condition  
 High : AC failure from any/single NetAgent would shutdown

If to have pop warning message

If password is required for any configuration change

### Power Failure/Shutdown Condition

**Configure**

General | Power Failure | Schedule Shutdown

System Shutdown

☐ Use Windows ACPI Interface

☒ ClientMate shutdown Windows by

When AC failed, commence computer shutdown sequence in  Min.

When Battery Low, commence computer shutdown sequence in  Min.

Commence computer shutdown when Battery Capacity lower than  %

Additional Actions

☐ Auto save application opened files

☐ Run application before shutdown computer

Maximum execution time:  Min.

☒ Turn off UPS when shutdown Windows (For NetAgent only)

Turn-off Delay Time:  Sec.

### Shutdown by Scheduling

**Configure**

General | Power Failure | Schedule Shutdown

Schedule Shutdown

Shutdown Windows by

Notify Scheduled Shutdown before  Min.

Commence system shutdown before  Min.

Additional Actions

☐ Auto save application opened files

☐ Run application before shutdown computer

Maximum execution time:  Min.

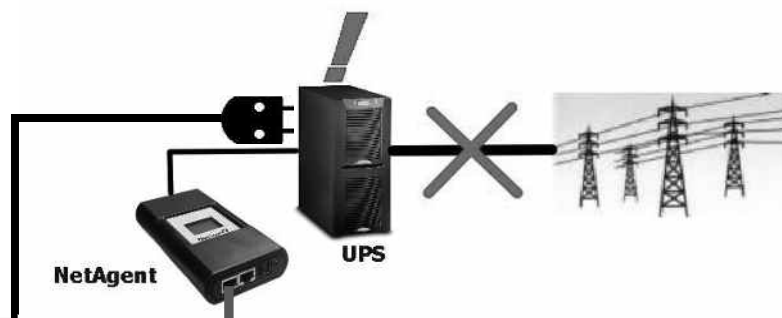
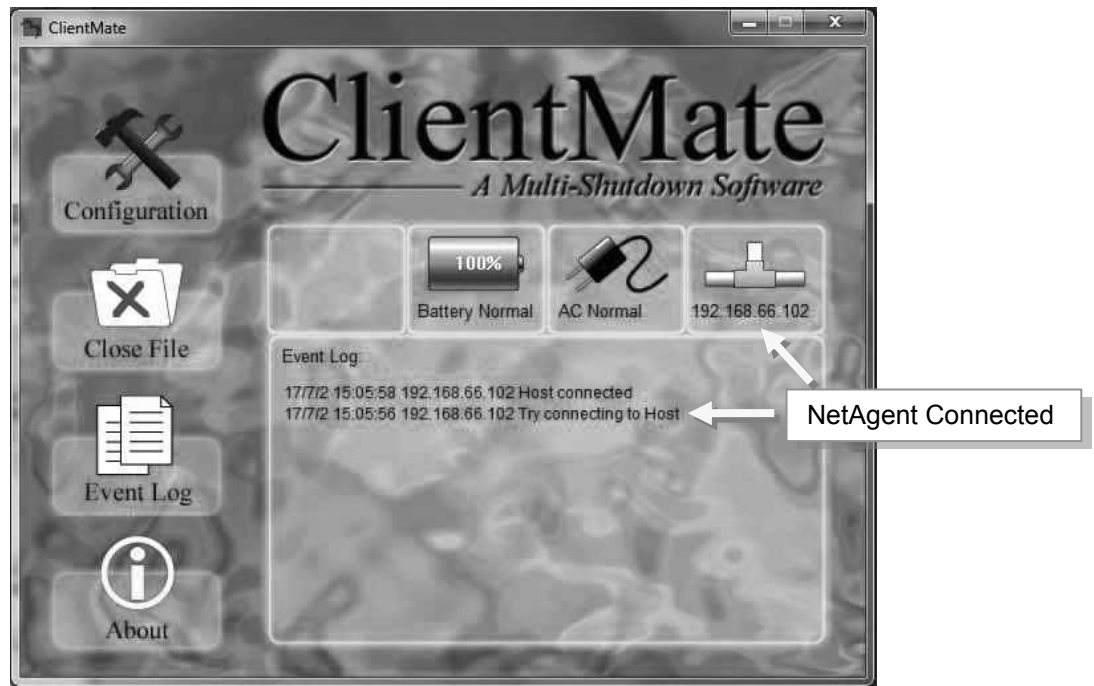
OK Cancel

Auto save opened file

To execute any application file such as .bat before shutdown

To turn off UPS after shutdown

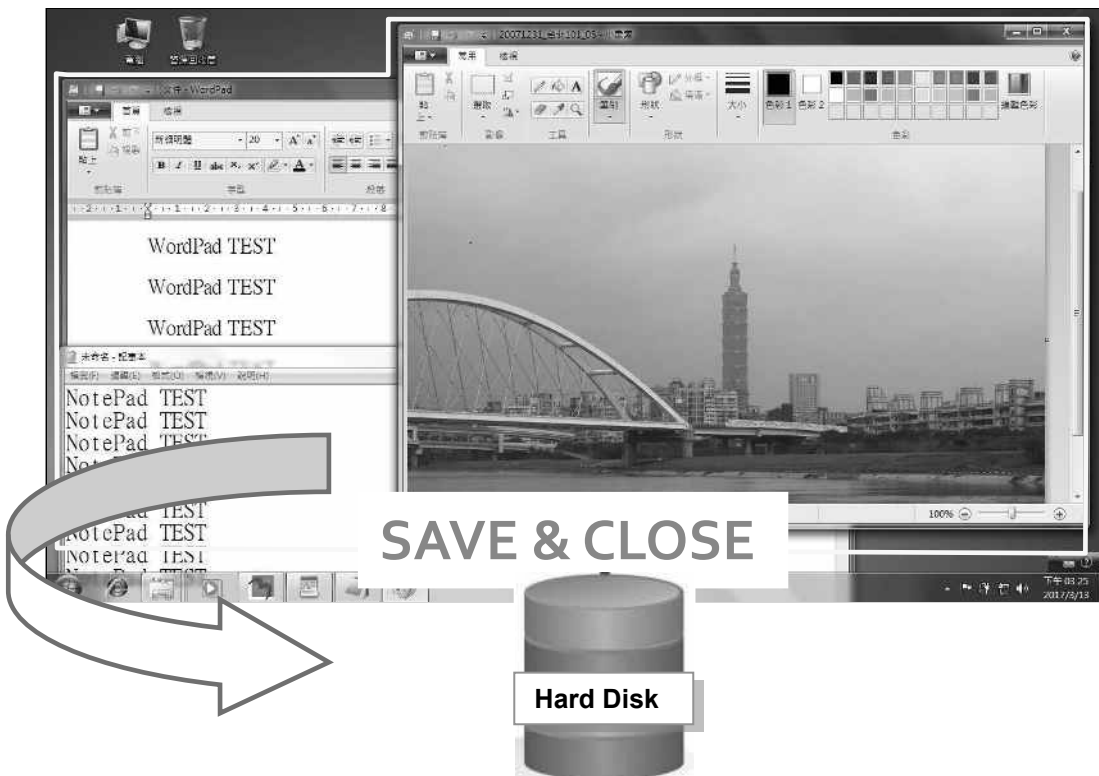
- Shutdown by ClientMate or ACPI
- To shut down by ClientMate, it can be select to be shut down or hibernation

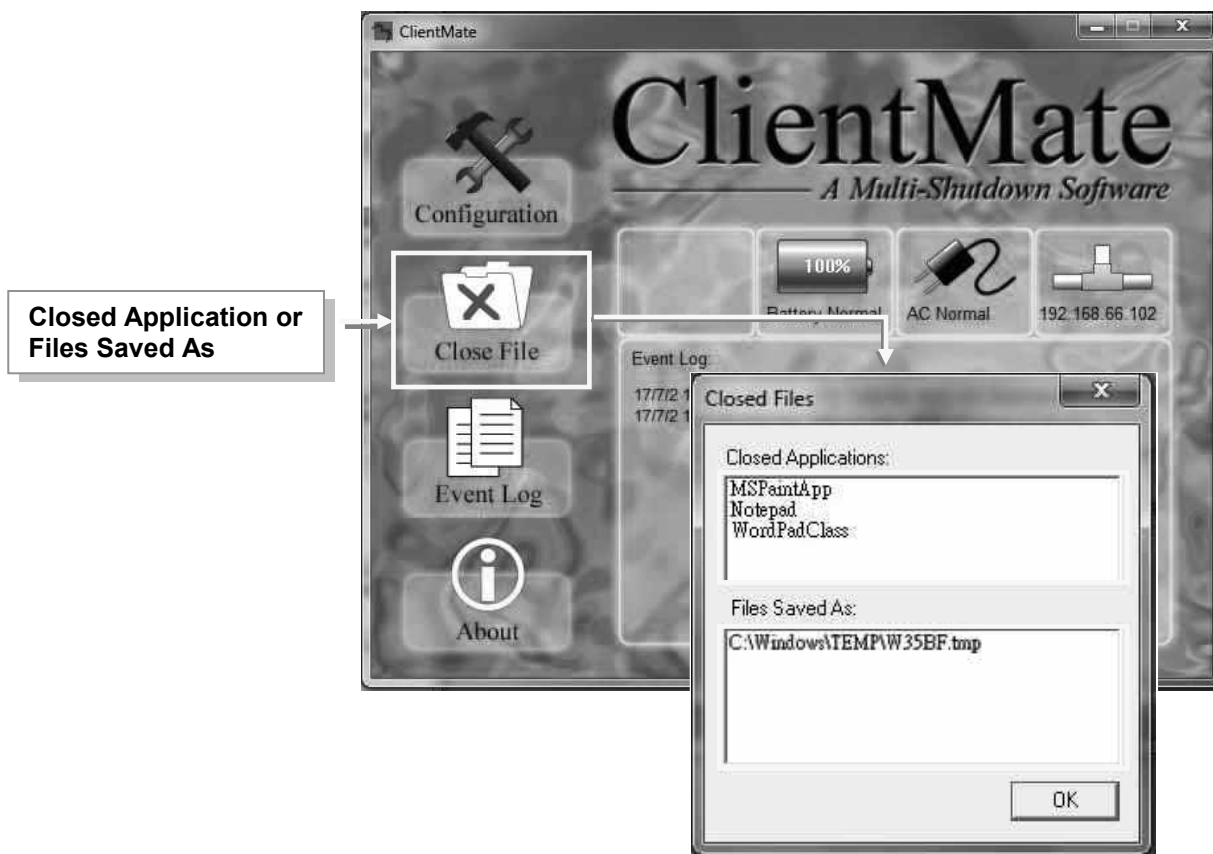


## Close File

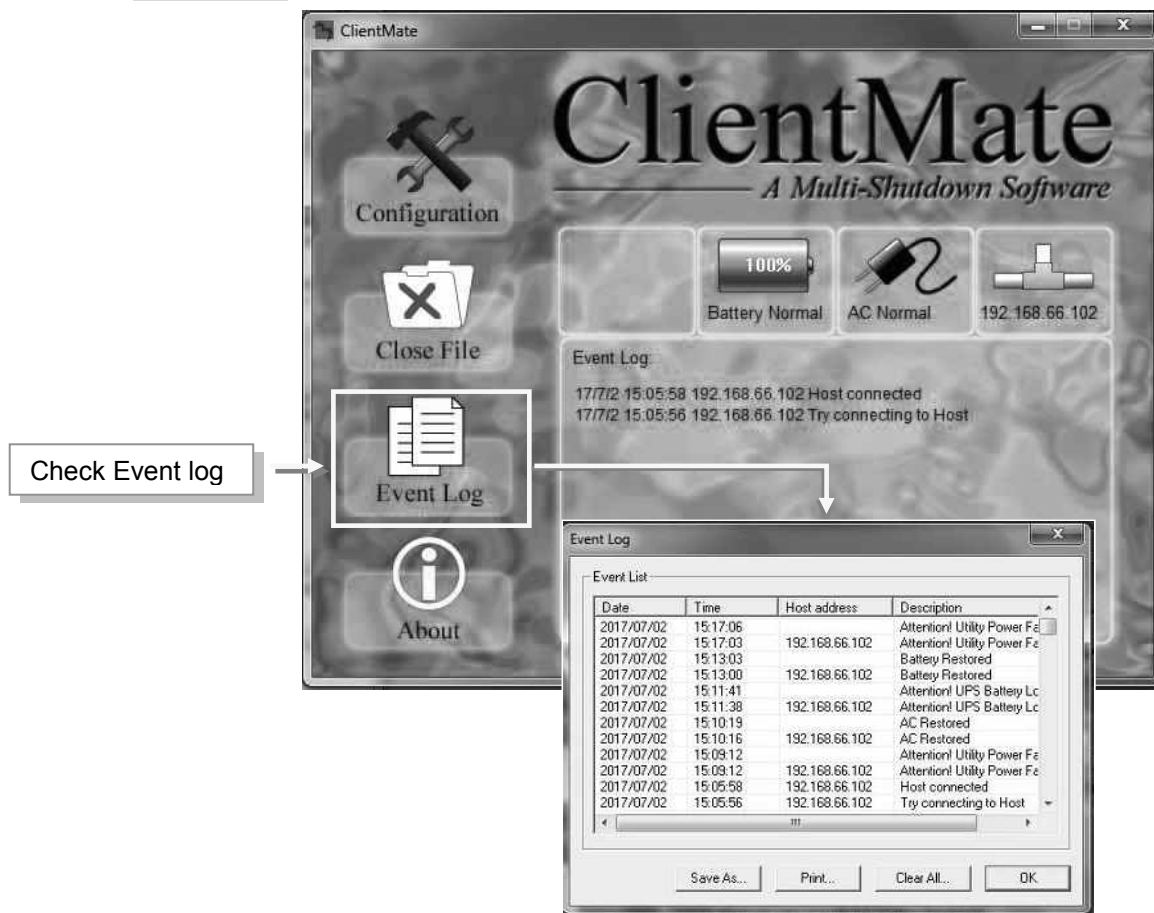


If select to auto save file before shutdown, ClientMate will save the file and file can be check from Closed File

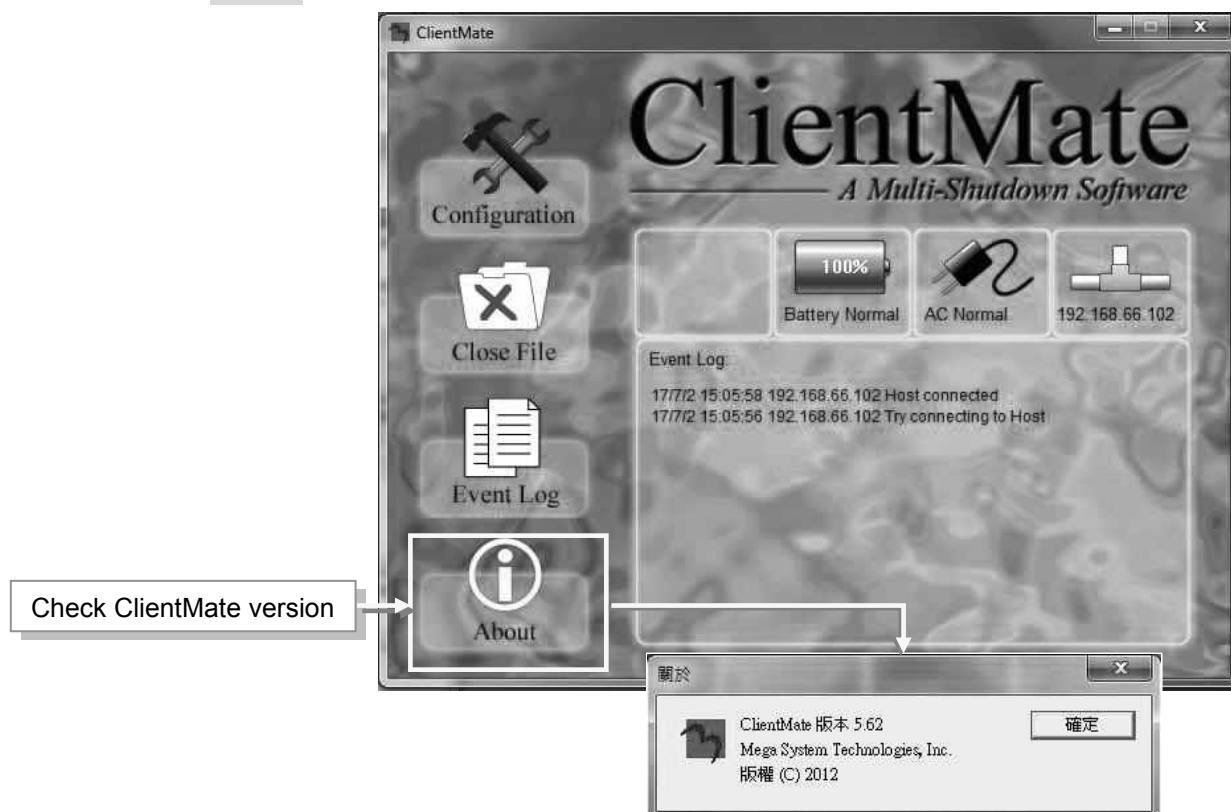




## Event Log



## About



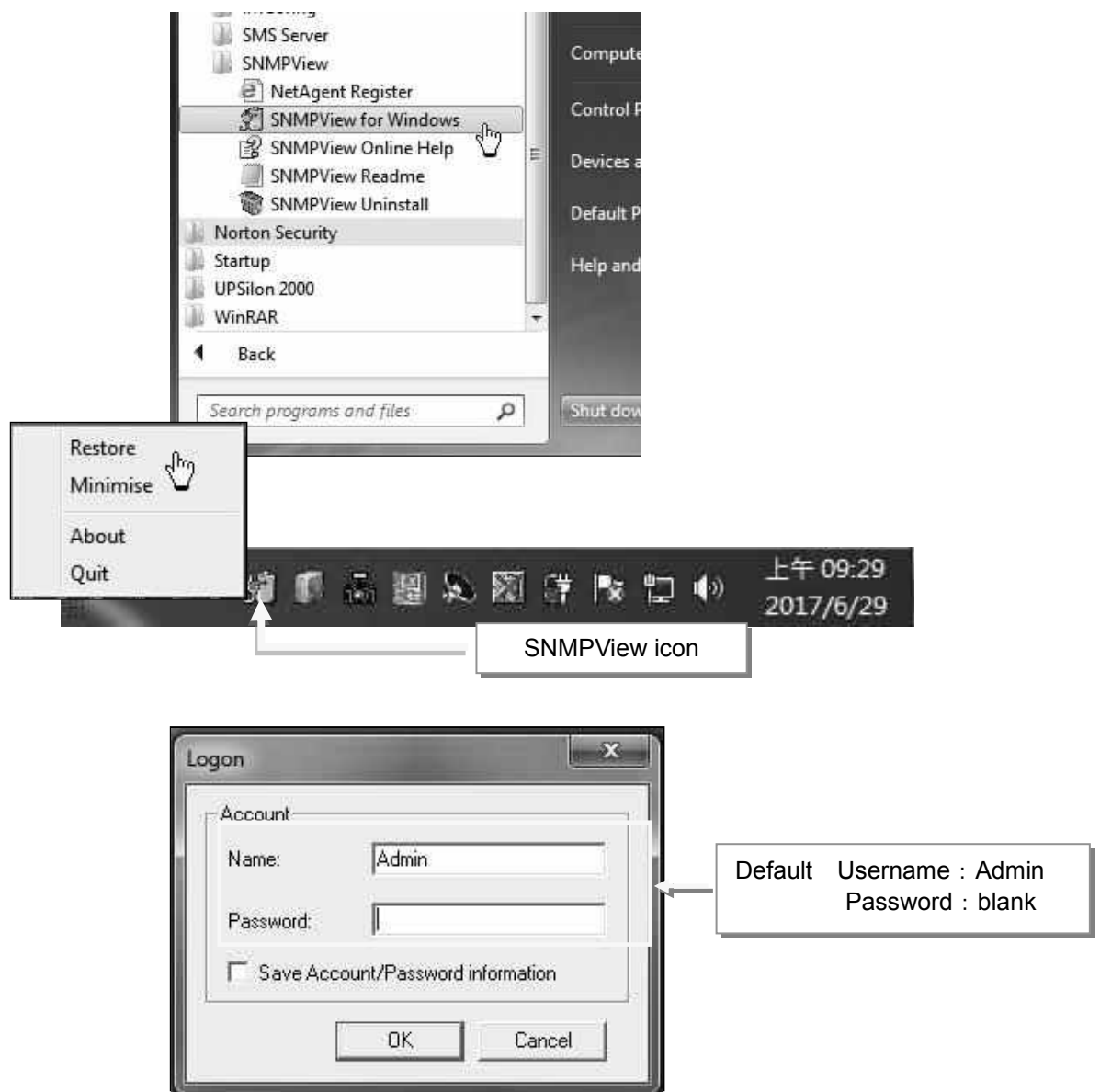
## Chapter 7. SNMP View

SNMPView is a NMS software to remotely monitor and control multiple UPS with NetAgent.. When an event occurs, SNMPView can be programmed to send an email or trap to inform the designated network manager. It can also inform the user of the UPS current condition or configuration, perform self-test, send a history file, turn the UPS On/Off and more.

### Installation and setup

SNMP View software is available in the CD provided with NetAgent. After installed, it saves under directory of

All Programs > NetAgent > SNMPView > SNMP for Windows



## Operation Interface

### Setting Section

Group	UPS	Host Name	Location	Output Status	Connection Status	Temperature	Loading	Output Volta...	Capacity	AC Status	Battery Status	NetFeeler II	Manager
NetAgent	192.168.66.102	BT506	2F	AC mode	Connection Normal	30.1	10.0	220.1	100%	AC Normal	Battery Normal	Have	Administrator
2F Control room	192.168.66.103	BY506	2F	AC mode	Connection Normal	30.1	10.0	220.1	100%	AC Normal	Battery Normal	Have	Administrator
3F IDC	192.168.66.101	DY520	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line
6F IDC													
NetProbe													

User: Admin. Location: 2F Control room 0 UPS, 0 UPS group has been selected 3 UPS in the list. 1 UPS lost communication. 14:48:38

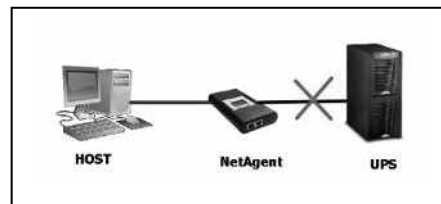
### NetAgent Info






### UPS connection status and information

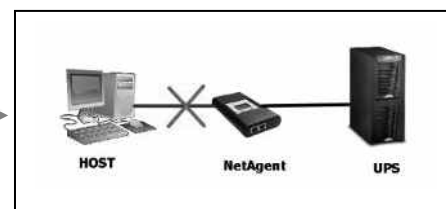
### NetFeeler Status

UPS	Host Name	Location	Output Status	Connection Status	Temperature	Loading	Output Voltage	Capacity	AC Status	Battery Status	NetFeeler II	Manager
192.168.66.102	BT506	2F	AC mode	Connection Normal	30.1	10.0	220.1	100%	AC Normal	Battery Normal	Have	Administrator
192.168.66.103	BY506	2F	AC mode	Connection Normal	30.1	10.0	220.1	100%	AC Normal	Battery Normal	Have	Administrator
192.168.66.101	DY520	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line	Off-Line

### Disconnection between NetAgent and UPS



	Connection normal with NetAgent
	Disconnect with NetAgent
	AC Failed
	UPS battery low
	Bypass mode



## Setting Tab/Device

Device	
Enumerate	F5
Add Group...	F6
Add UPS...	Ins
Delete...	Del
Browse...	
Export Configurations...	
Import Configurations...	
Open archive Event Log...	
Open archive Data Log...	
Quit	

Auto search Online NetAgent

Add NetAgent into Group

Add NetAgent

Delete NetAgent

Browse NetAgent

Export NetAgent Configuration

Import NetAgent Configuration

Open NetAgent SnmpElog.dat

Open NetAgent SnmpDlog.dat

Data Log

UPS Data | Environment Data

UPS	Host Name	Status Time	Input Vol.	Output	Battery	Capacity	Loading	Temper.
192.168.0.132	BT506-Smart	2017/6/28 17:22:01	220.4	200.4	27.1	100.0	10.0	20.1
192.168.0.146	UPS Agent S...	2017/6/28 17:10:41	110.0	21	100.0	33.0	37.2	
192.168.0.31	BT506-Smart	2017/6/28 17:10:43	108.7	2.2	100.0	5.0	22.0	
192.168.0.32	NETPDRBF N	2017/6/28 17:23:77:60	0.00/0.0	0.98/4...	0.00/0.0	0.00/0.0		
192.168.0.30	Net Probe M...	2017/6/28 17:23:35:47:61	10.00/1	10.00/0	0.00/0.0	0.00/0.0		
192.168.0.29	DT520-Smart	2017/6/28 17:23:01	27.1	100.0	10.0	30.1		
192.168.0.156	BT506-Smart	2017/6/28 17:20:4	203.6	2.0	63.0	34.0	35.0	
192.168.0.175	UPS Agent S...	2017/6/28 17:22:01	27.1	100.0	10.0	30.1		
192.168.0.225	BT506-Smart	2017/6/28 17:20:4	203.4	21.5	100.0	10.0	35.0	
192.168.0.221	BT506-Smart	2017/6/28 17:10:2	108.8	2.2	100.0	10.0	22.0	
192.168.0.115	NETPDRBF N	2017/6/28 17:23:36:59	0.00/0.0	0.98/4...	0.00/0.0	0.00/0.0		
192.168.0.116	Net Probe M...	2017/6/28 17:23:35:47:61	10.00/1	10.00/0	0.00/0.0	0.00/0.0		
192.168.0.140	BT506-Smart	2017/6/28 17:23:01	27.1	100.0	10.0	30.1		
192.168.0.148	BT506-Smart	2017/6/28 17:20:4	203.4	21.5	100.0	10.0	35.0	
192.168.0.175	UPS Agent S...	2017/6/28 17:10:4	110.0	21	100.0	34.0	37.2	
192.168.0.115	BT506-Smart	2017/6/28 17:10:2	108.8	2.2	100.0	10.0	22.0	
192.168.0.221	NETPDRBF N	2017/6/28 17:23:36:59	0.00/0.0	0.98/4...	0.00/0.0	0.00/0.0		
192.168.0.225	Net Probe M...	2017/6/28 17:23:35:47:61	10.00/1	10.00/0	0.00/0.0	0.00/0.0		
192.168.0.140	BT506-Smart	2017/6/28 17:23:01	27.1	100.0	10.0	30.1		
192.168.0.148	BT506-Smart	2017/6/28 17:20:4	203.4	21.5	100.0	10.0	35.0	
192.168.0.175	UPS Agent S...	2017/6/28 17:10:4	110.0	21	100.0	34.0	37.2	
192.168.0.115	BT506-Smart	2017/6/28 17:10:2	108.8	2.2	100.0	10.0	22.0	
192.168.0.221	NETPDRBF N	2017/6/28 17:23:36:59	0.00/0.0	0.98/4...	0.00/0.0	0.00/0.0		
192.168.0.225	Net Probe M...	2017/6/28 17:23:35:47:61	10.00/1	10.00/0	0.00/0.0	0.00/0.0		

Save As... Print Clear All

Event Log

Record List

UPS	Date	Time	Description
192.168.0.132	2017/6/19	19:51:13	NetAgent is not able to connect to UPS.
192.168.0.146	2017/6/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.31	2017/6/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.32	2017/6/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.30	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.29	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.156	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.175	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.225	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.221	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.115	2017/6/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.212	2017/6/19	19:51:25	NetAgent is not able to connect to UPS.
192.168.0.140	2017/6/19	19:54:3	Unable to access the device by network.
192.168.0.148	2017/6/19	19:54:57	Restore the communication with the UPS.
192.168.0.30	2017/6/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.115	2017/6/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.211	2017/6/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.175	2017/6/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.225	2017/6/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.221	2017/6/19	20:1:45	NetAgent is not able to connect to UPS.

Save As... Print Clear All OK

Add UPS

UPS Information

IP address(Domain): 192.168.66.101

Community: public

Trap community: public

SNMP port: 161

☐ Add subsequent 1 devices

☐ This UPS is a 3-Phase UPS

OK Cancel

Add UPS Group

UPS Group

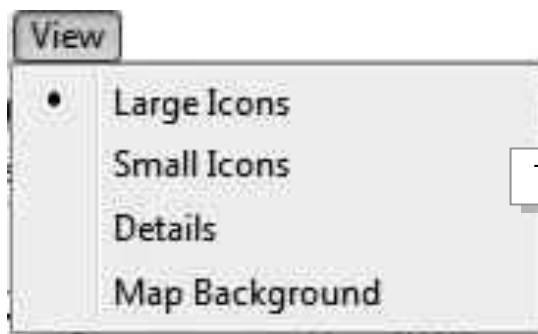
Group name: 2F Control room

☒ Enable Background Map

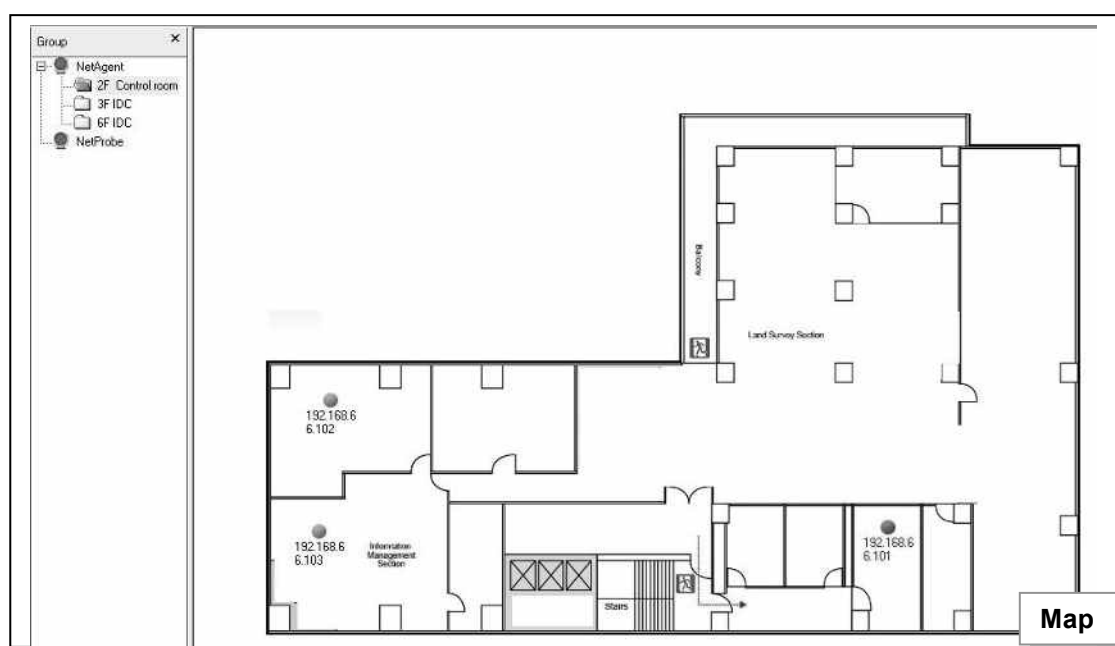
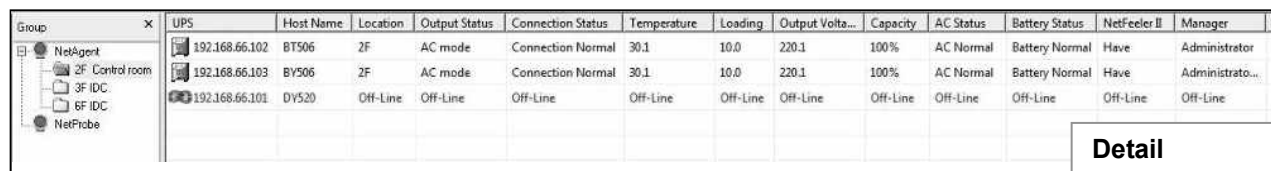
D:\controlroom\_map.bmp Browse...

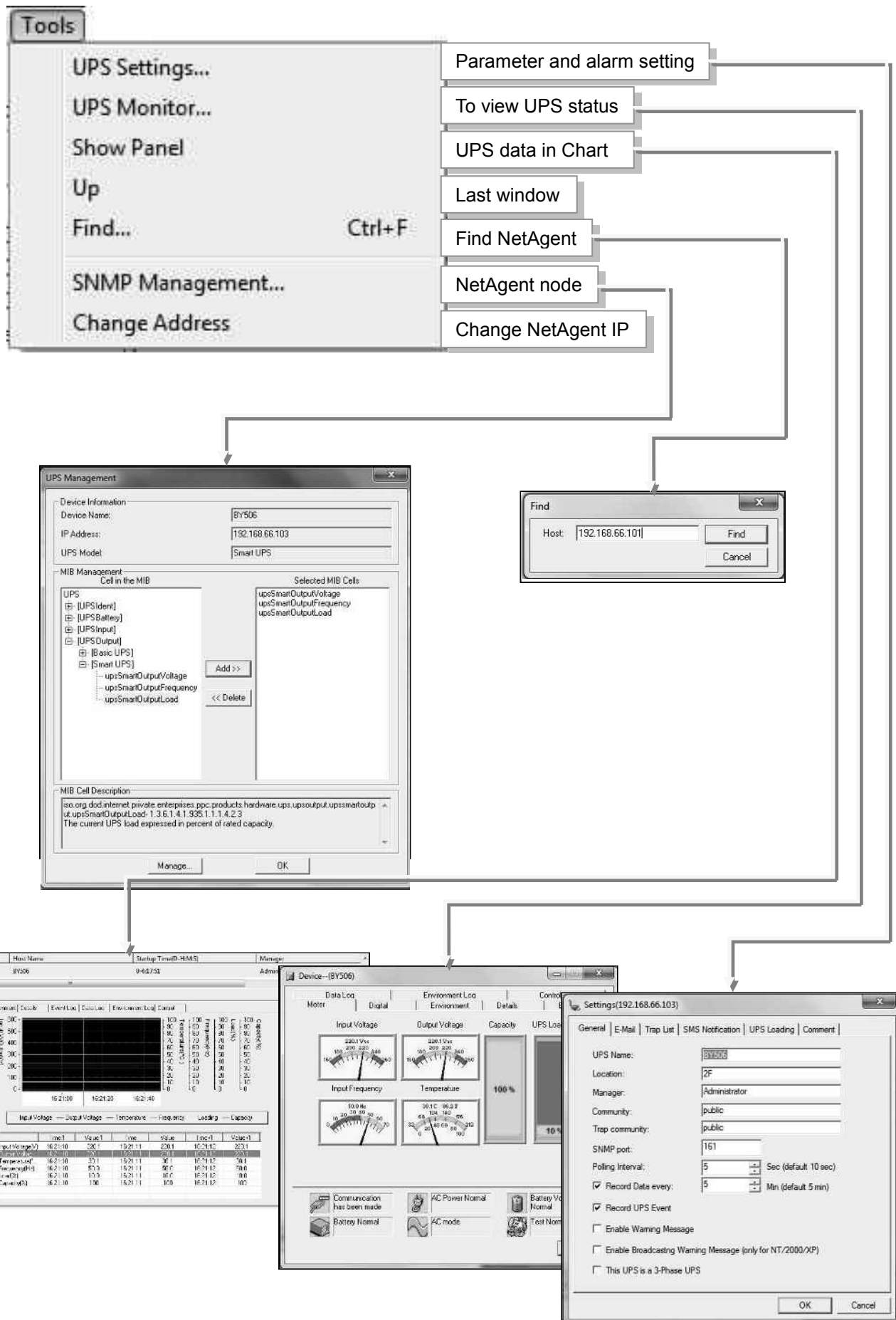
OK Cancel

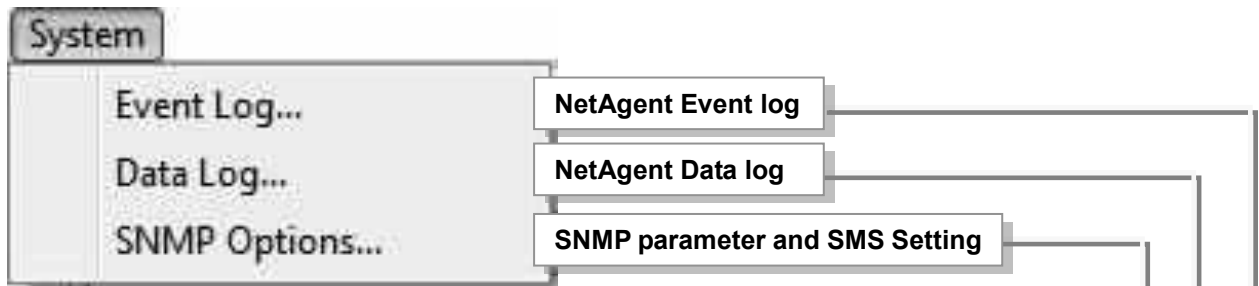




To view NetAgent with different mode







Options

SNMP Options | System sound | SMS Settings | General

Community: public

Default Polling Interval: 5 Secs

UPS SNMP Port: 161

SNMP Trap Port: 162

No response time to determine connection(3-10 polling interval): 10 polling interval

OK Cancel

Data Log

UPS Data | Environment Data

UPS	Host Name	Startup Time	Input V <sub>o</sub>	Output	Battery	Capacity	Loading	Temper...
192.168...	81506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	UPQ Agent S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168...	UPQ Agent S...	2017/6/28 17...	104.1	110.0	2.1	100.0	33.0	31.2
192.168...	81506-Smart...	2017/6/28 17...	109.3	109.3	2.2	100.0	5.0	22.0
192.168...	NETPROBE N...	2017/6/28 17...	23.77/50	0.00/50...	0/800H...	0.00/0...	0.00/0...	
192.168...	NetProbe Mini...	2017/6/28 17...	Mini	25.47/61	10.00/1...	10/100	0.00/0...	0.00/0...
192.168...	DY520-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	(none)-Smart...	2017/6/28 17...	208.4	208.6	2.0	53.0	34.0	35.0
192.168...	81506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	UPQ Agent S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168...	81506-Smart...	2017/6/28 17...	109.3	109.3	2.2	100.0	5.0	22.0
192.168...	NETPROBE N...	2017/6/28 17...	23.36/59	0.00/50...	0/800H...	0.00/0...	0.00/0...	
192.168...	NetProbe Mini...	2017/6/28 17...	Mini	25.00/61	10.00/1...	10/100	0.00/0...	0.00/0...
192.168...	DY520-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	(none)-Smart...	2017/6/28 17...	208.4	208.6	2.0	53.0	34.0	35.0
192.168...	81506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	UPQ Agent S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168...	UPQ Agent S...	2017/6/28 17...	104.4	110.0	2.1	100.0	34.0	31.2
192.168...	81506-Smart...	2017/6/28 17...	109.0	109.6	2.2	100.0	6.0	22.3
192.168...	NETPROBE N...	2017/6/28 17...	23.36/61	0.00/50...	0/800H...	0.00/0...	0.00/0...	
192.168...	NetProbe Mini...	2017/6/28 17...	Mini	25.00/61	10.00/1...	10/100	0.00/0...	0.00/0...

Save As... Print... Clear All

OK Cancel

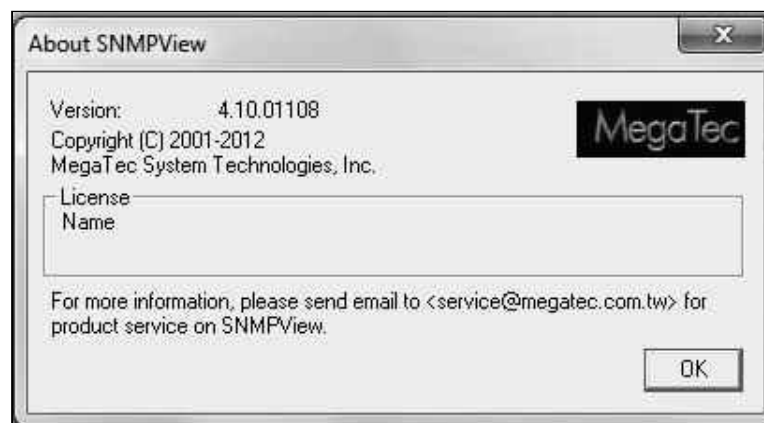
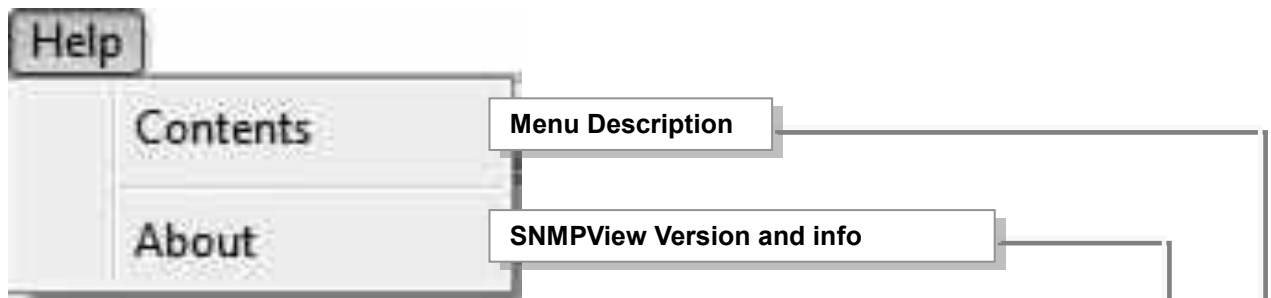
Event Log

Record List

UPS	Date	Time	Description
192.168.0.132	2017/4/19	19:51:13	NetAgent is not able to connect to UPS.
192.168.0.148	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.31	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.32	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.30	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.29	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.198	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.175	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.229	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.211	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.34	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.115	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.212	2017/4/19	19:51:25	NetAgent is not able to connect to UPS.
192.168.0.148	2017/4/19	19:54:9	Unable to access the device by network.
192.168.0.148	2017/4/19	19:54:57	Restore the communication with the UPS.
192.168.0.30	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.115	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.211	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.175	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.229	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.

Save As... Print... Clear All OK





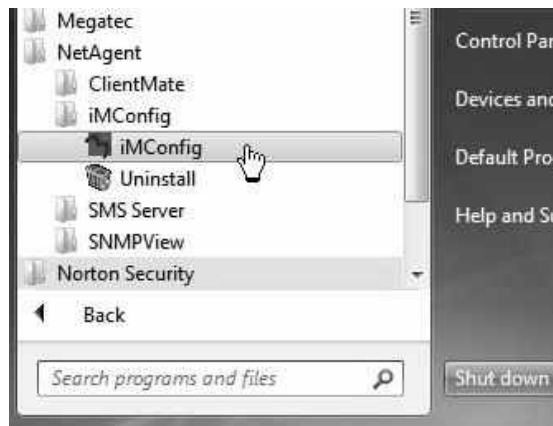
## Chapter 8. iMConfig

iMConfig is a tool software that allows user to change the same parameter on multi NetAgent simultaneously.

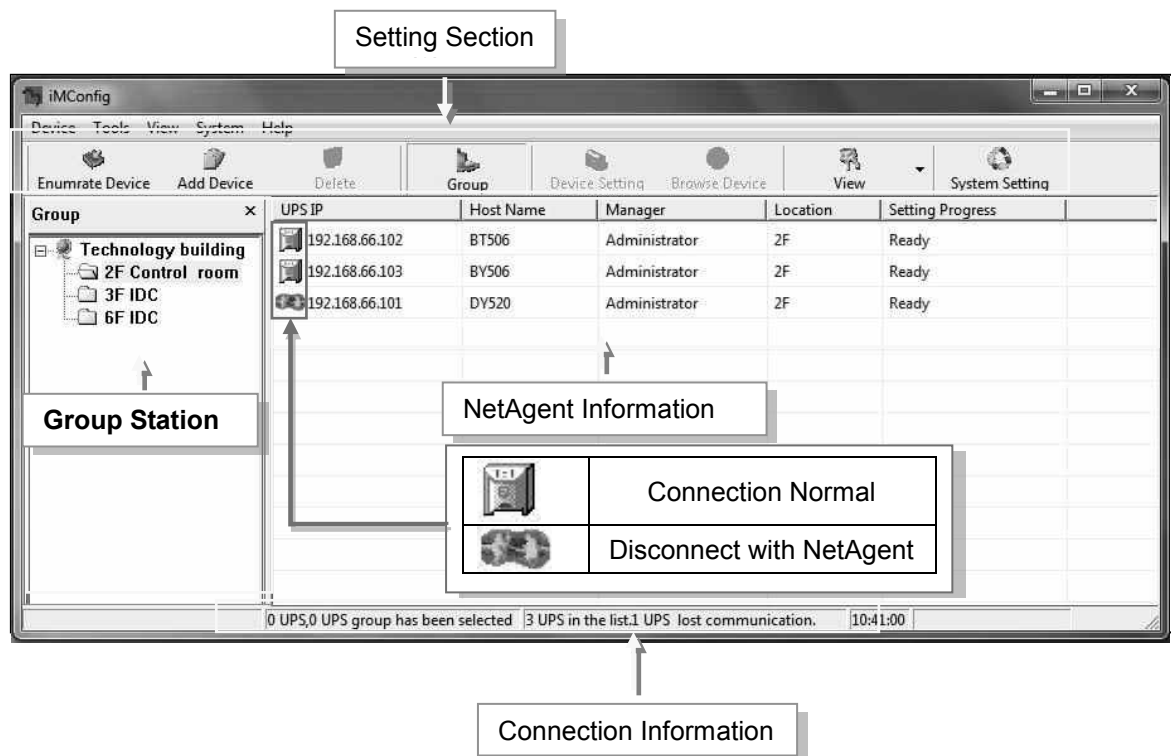
### Installation and setup

iMConfig is available in the CD provided with NetAgent. After installed, it saves under directory of

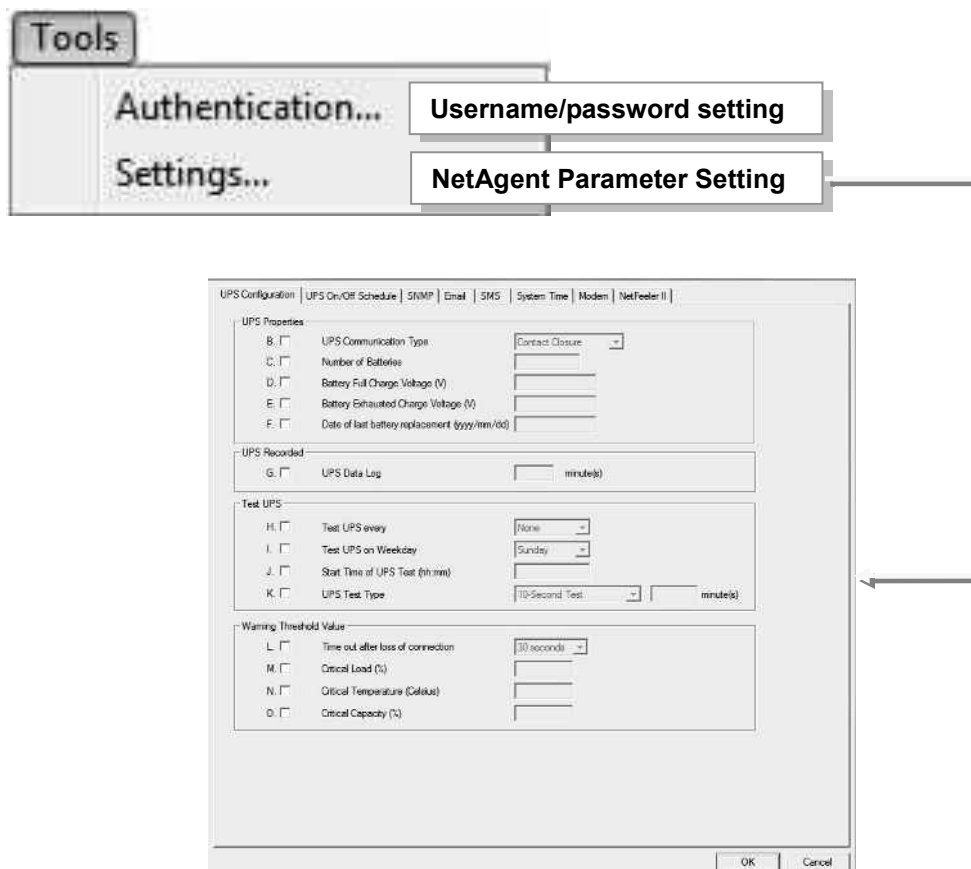
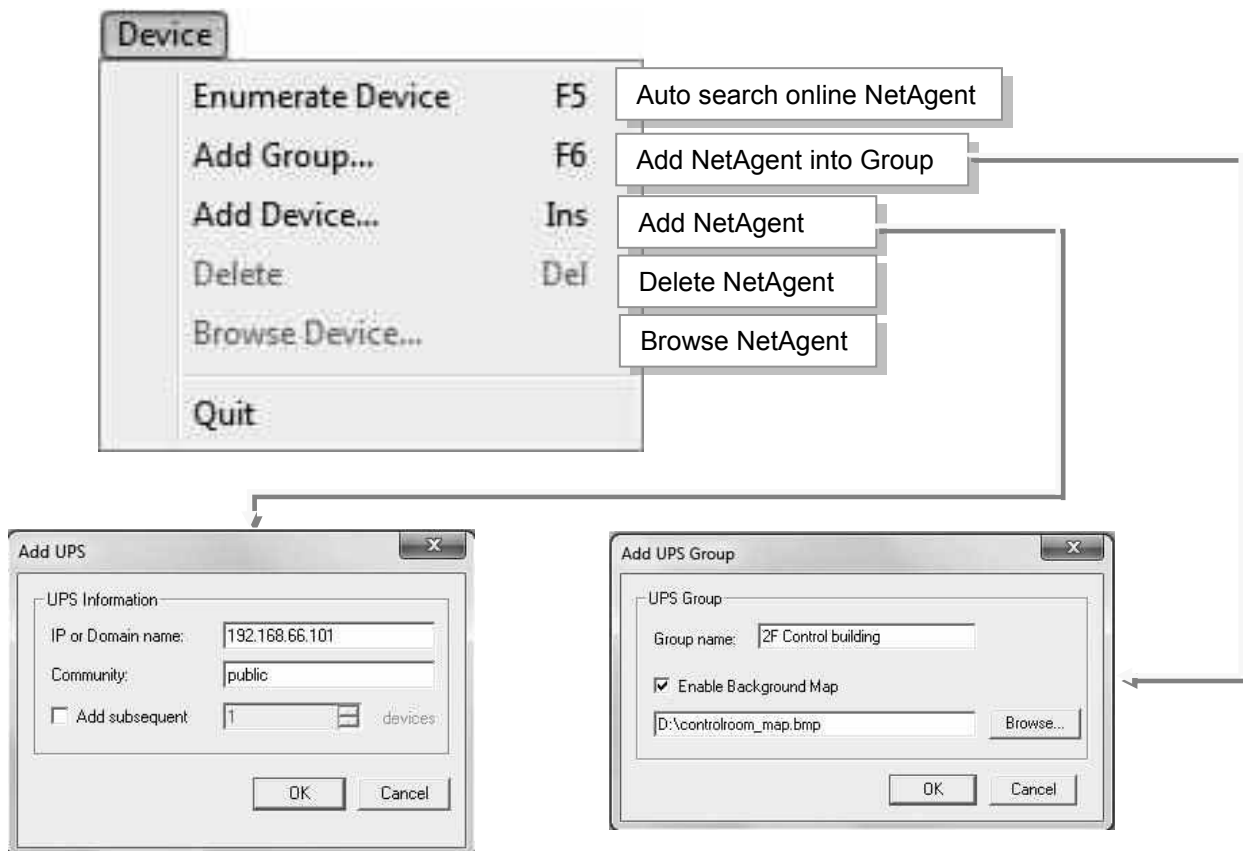
All Programs > NetAgent> iMConfig

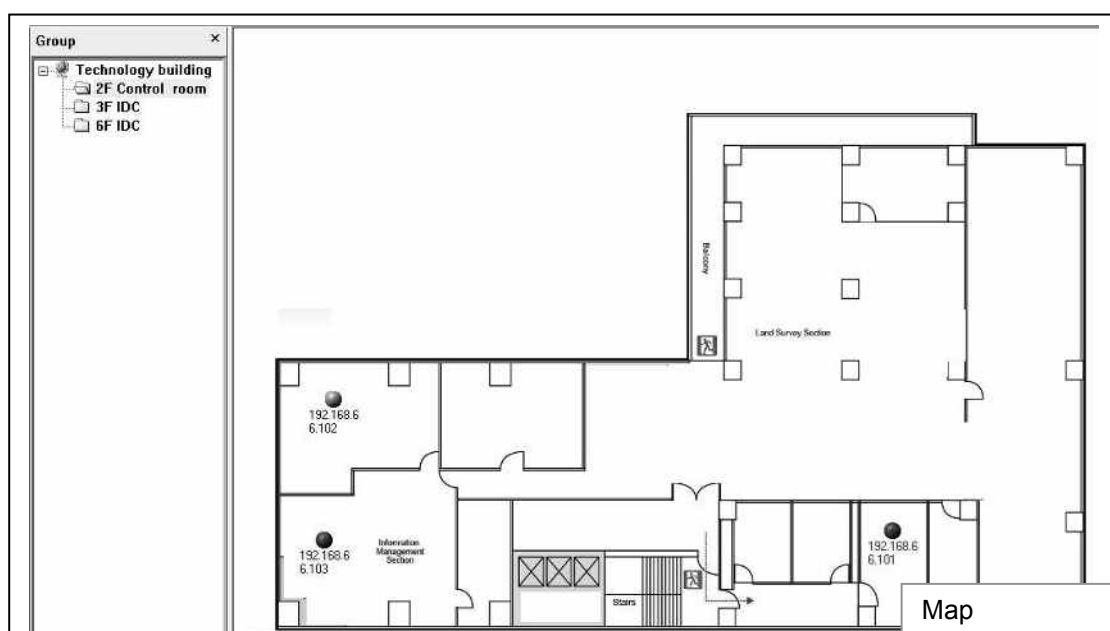
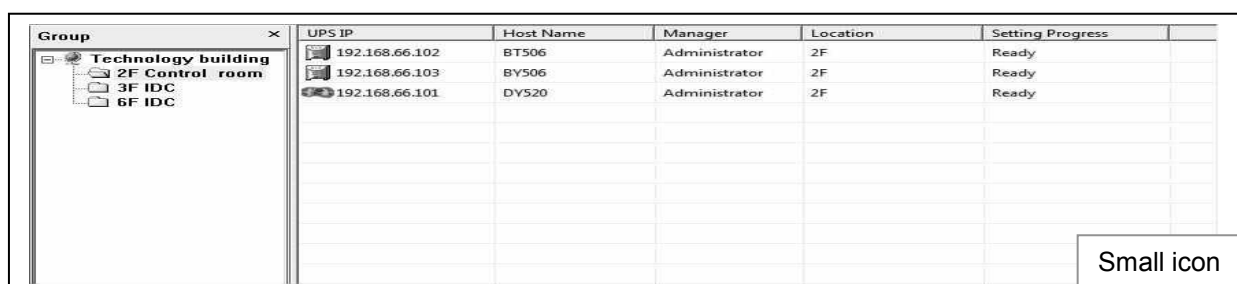


### Operation Interface

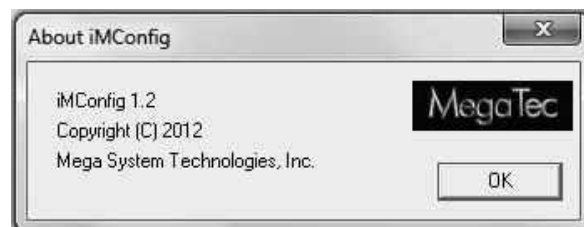
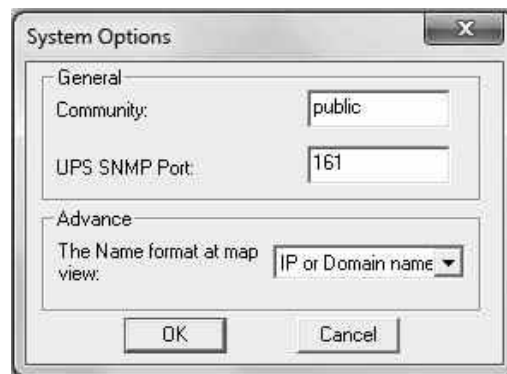


## Setting Tab



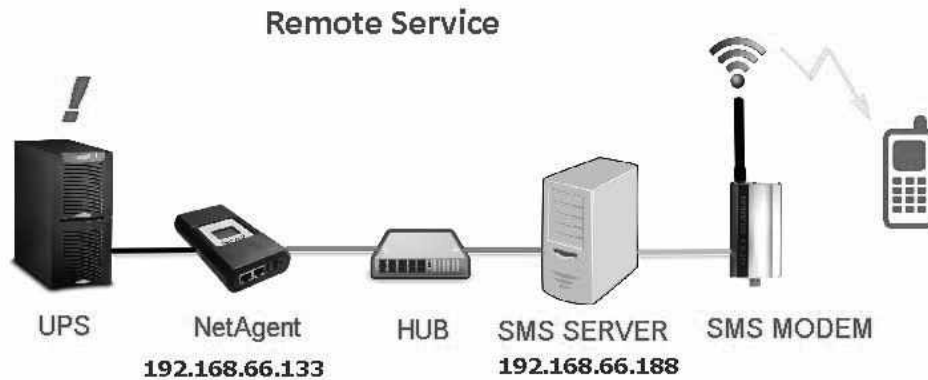




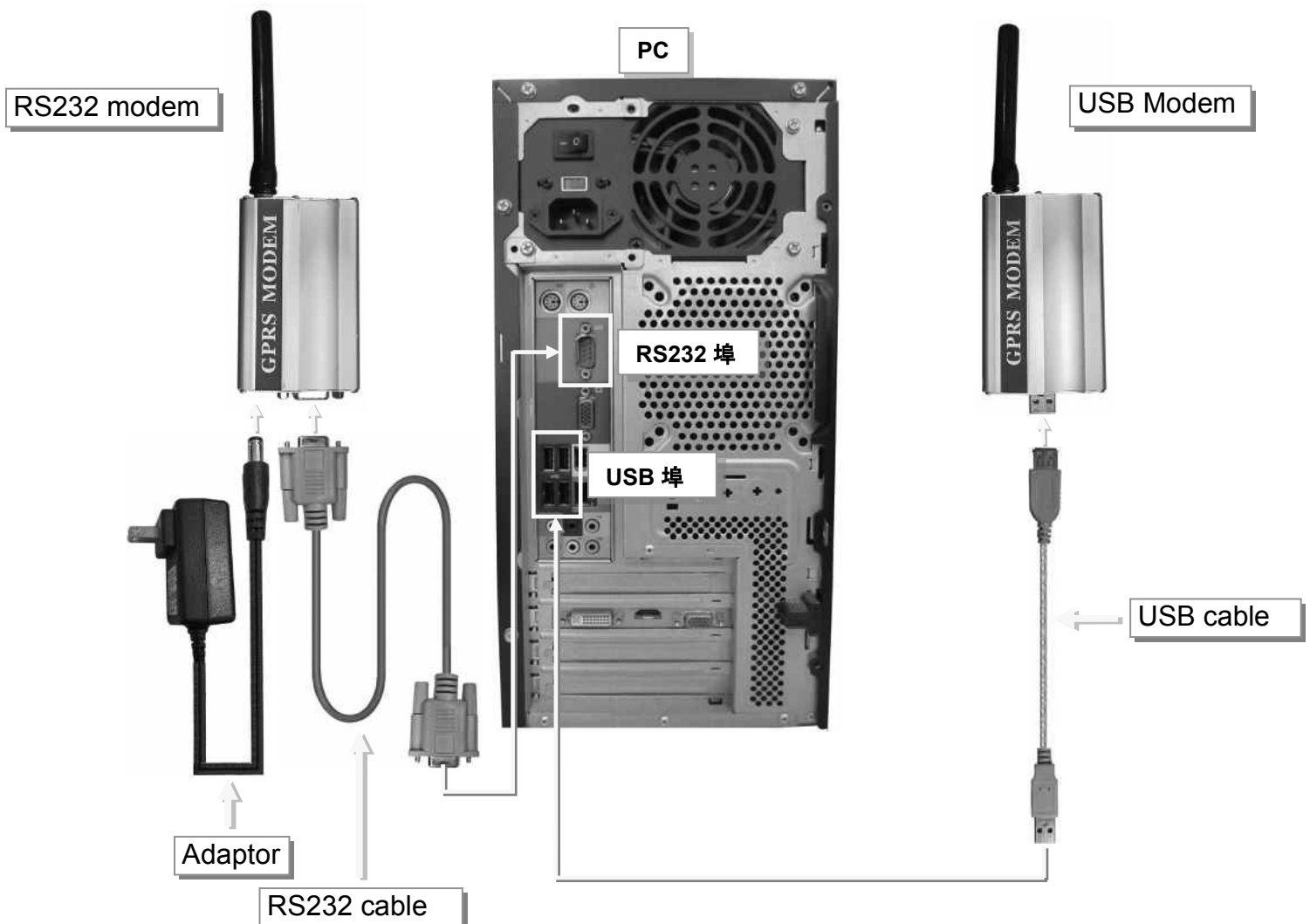


## Chapter 9. SMS Server Software

SMS notification can be send by modem that connects to 3 ports NetAgent II or NetAgent 9 (BX/BY) model directly, or , it can also be achieved by the remote PC that has SMS Server software installed with modem connected



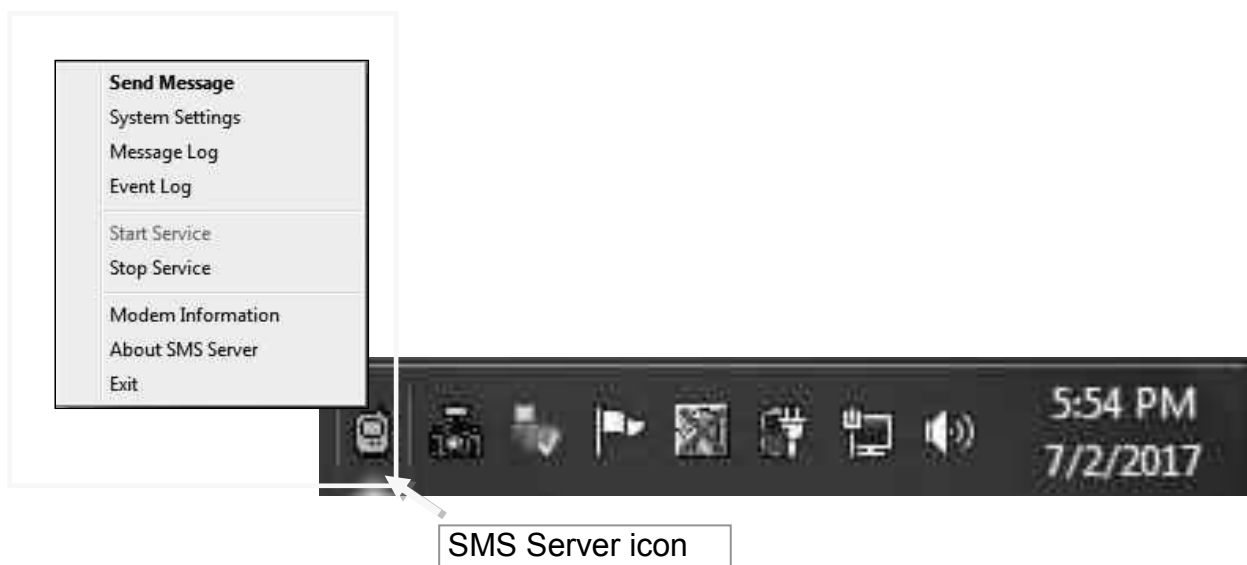
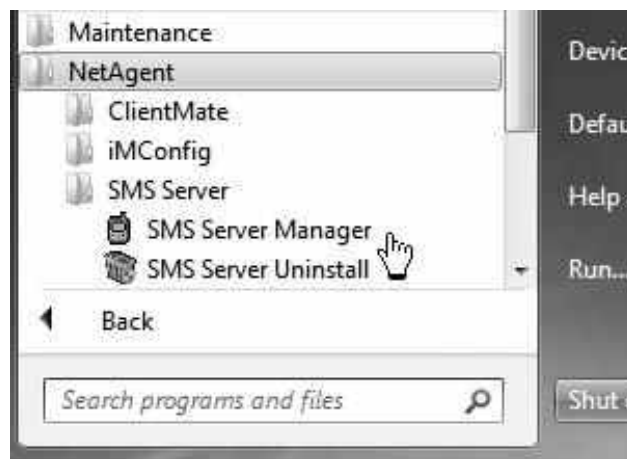
### Modem Installation



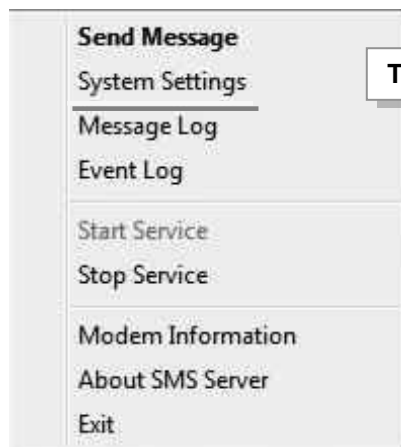
## SMS Server Software Installation

SMS Server software is available in the CD provided with NetAgent. After installed, it saves under directory of

All Programs > NetAgent>SMS Server>SMS Server Manager



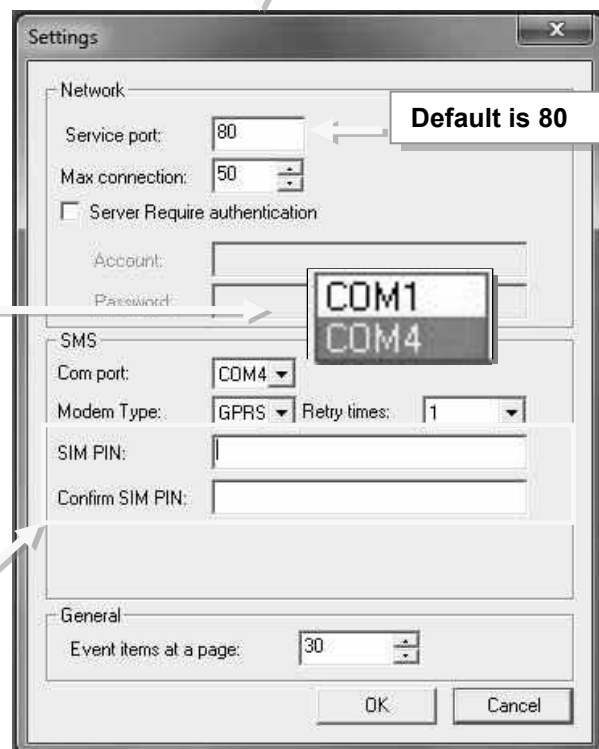
## Settings

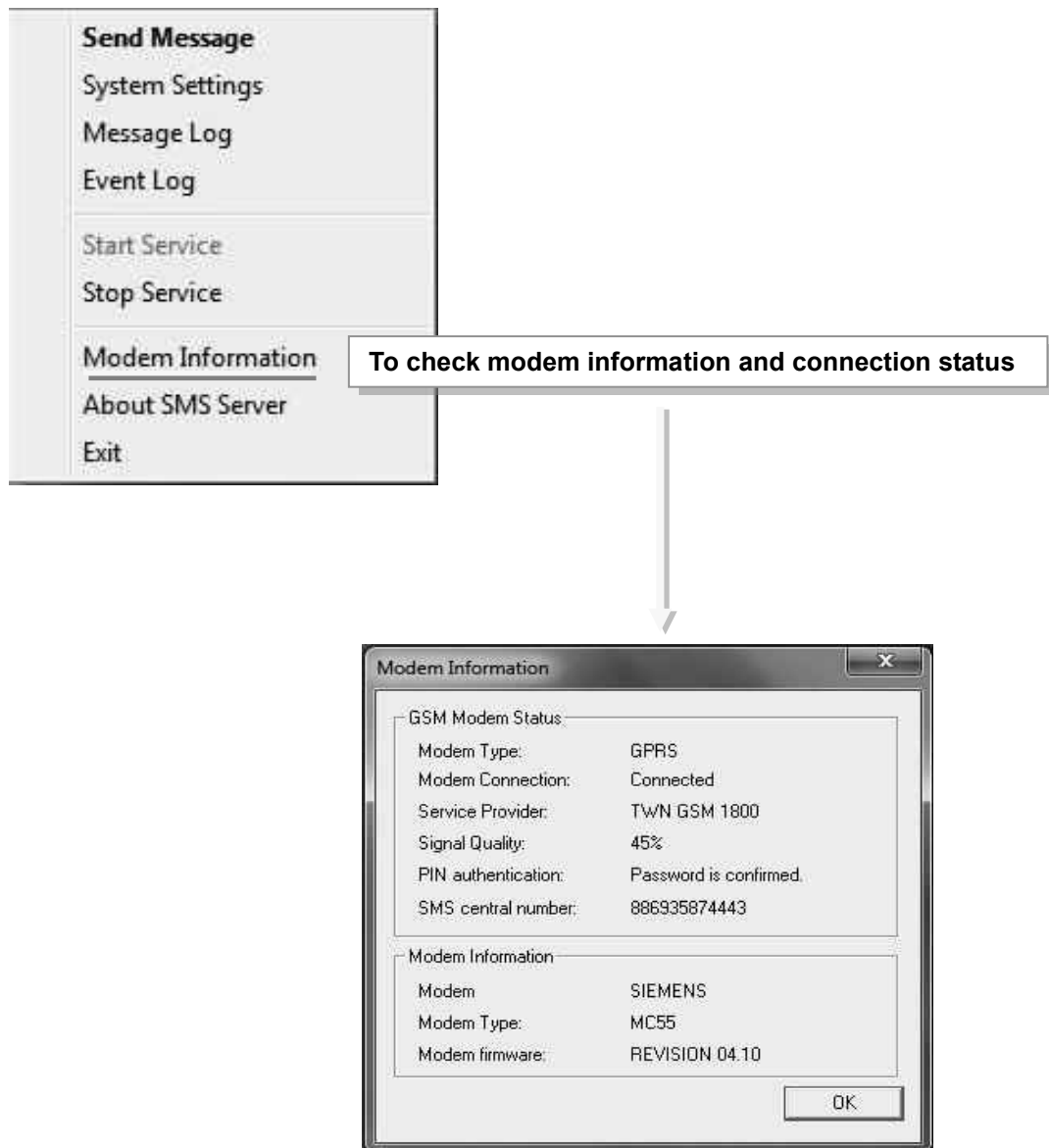


To configure type of modem, port, SIM PIN

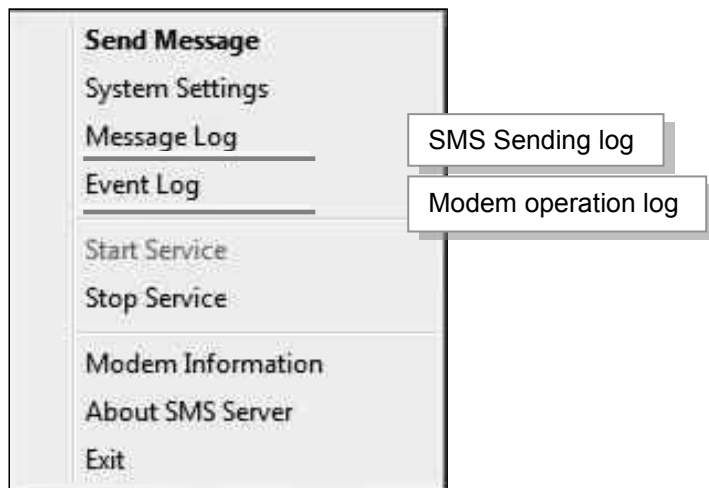
Check the virtual port number when using with USB modem

Select COM port of COM1,COM2.. when using with RS232 modem

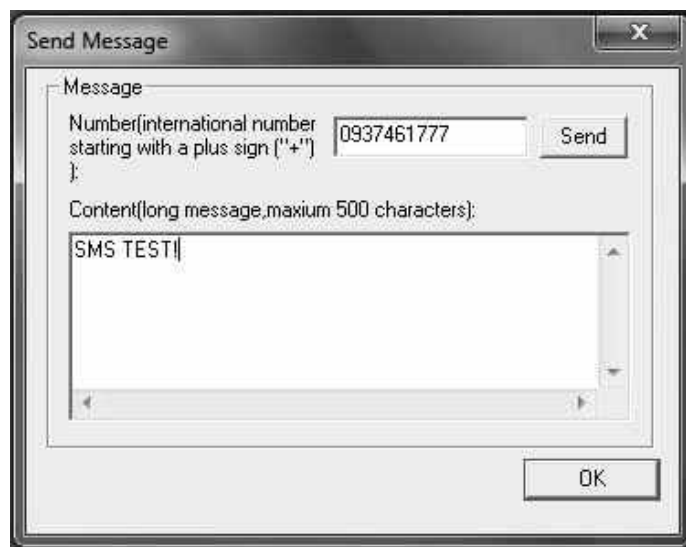
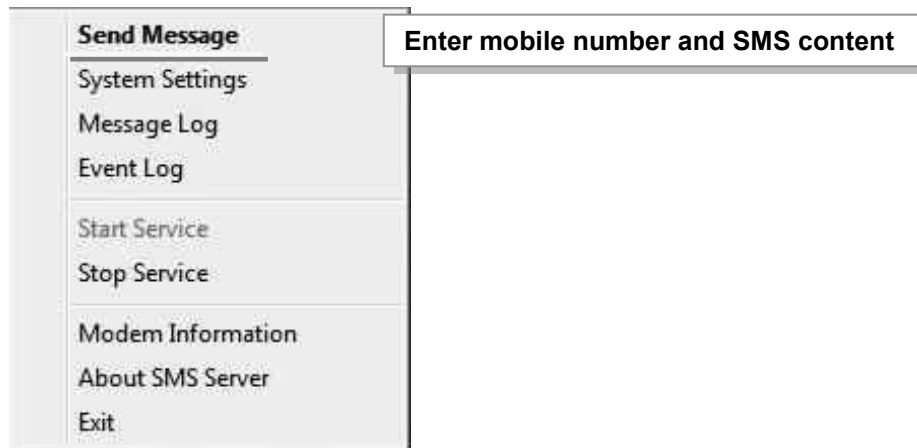




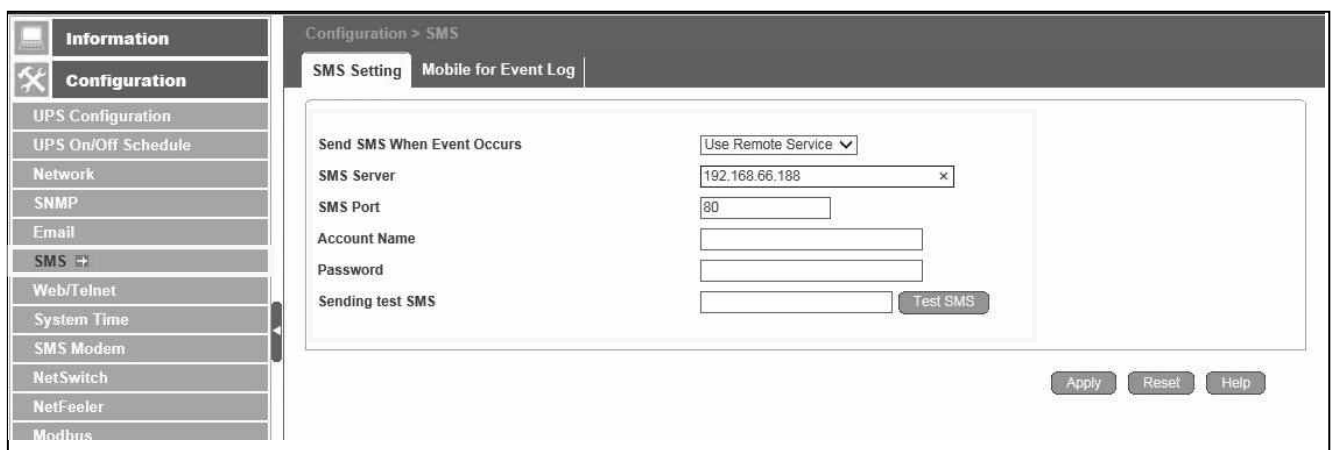
-Ensure all settings are correct and modem is connected with signal in order to send SMS successfully



Event List						
NO.	Type	Number	Address	Result	Time	Content
1	System I...	000000000000	127.0...	FAIL	2017/05/14 11:39:04	Serial communi
2	System I...	000000000000	127.0...	OK	2017/05/14 11:42:03	Service startup
3	System I...	000000000000	127.0...	FAIL	2017/05/14 11:42:03	Serial communi
		000	127.0...	OK	2017/05/14 11:47:41	Service startup
		000	127.0...	FAIL	2017/05/14 11:47:41	Serial communi
		000	127.0...	OK	2017/05/14 15:36:58	Service startup
		000	127.0...	FAIL	2017/05/14 15:36:58	Serial communi
		000	127.0...	OK	2017/05/14 16:39:45	Service startup
		000	127.0...	FAIL	2017/05/14 16:39:45	Serial communi
0 19:13:44	UPS Agent(My	000	127.0...	OK	2017/05/15 09:27:35	Service startup
0 19:14:59	UPS Agent(My	000	127.0...	FAIL	2017/05/15 09:27:35	Serial communi
0 19:22:33	UPS Agent(My	000	127.0...	OK	2017/05/16 08:49:24	Service startup
0 19:23:14	UPS Agent(My	000	127.0...	FAIL	2017/05/16 08:49:24	Serial communi
		000	127.0...	OK	2017/05/17 08:54:44	Service startup
		000	127.0...	FAIL	2017/05/17 08:54:44	Serial communi
		000	127.0...	OK	2017/05/17 14:32:47	Service startup
		000	127.0...	FAIL	2017/05/17 14:32:47	Serial communi
		000	127.0...	OK	2017/05/17 15:20:53	Service startup
		000	127.0...	FAIL	2017/05/17 15:20:53	Serial communi
		000	127.0...	OK	2017/05/18 09:26:49	Service startup
		000	127.0...	FAIL	2017/05/18 09:26:49	Serial communi
		000	127.0...	OK	2017/05/18 10:02:41	Service startup
		000	127.0...	FAIL	2017/05/18 10:02:41	Serial communi
		000	127.0...	OK	2017/05/21 08:47:52	Service startup
		000	127.0...	FAIL	2017/05/21 08:47:52	Serial communi
		000	192.1...	FAIL	2017/05/21 13:46:35	No this URL (!
		000	192.1...	FAIL	2017/05/21 13:46:37	No this URL (!
		000	192.1...	FAIL	2017/05/21 13:46:41	No this URL (!
		000	192.1...	FAIL	2017/05/21 13:46:57	No this URL (!
		000	192.1...	FAIL	2017/05/21 13:47:01	No this URL (!



When SMS Server software installation and connection are both complete, the IP address of PC may be entered in the NetAgent's SMS webpage and select "Use Remote Service". Such NetAgent would then be able to send SMS notification via this SMS Server PC



## Chapter 10. Appendix

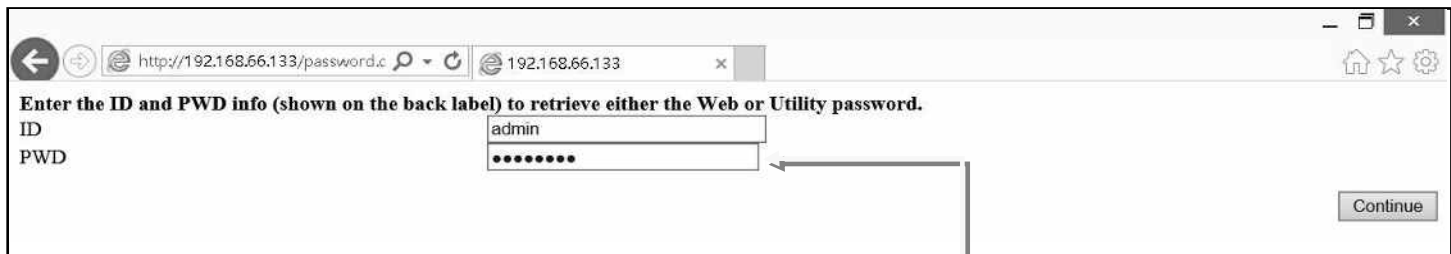
When Netility and NetAgent's username/password are lost, please follow the steps below to clear or check the configuration

1. Get the PC that is under same network as NetAgent-SNMP card
2. Open up the browser and type <http://xxx.xx/password.cgi> (xx.xxx is the IP address of the NetAgent)



3. Enter ID: admin

Password: Enter the master password for the device



4. Press continue and clear

