

# **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:

- ①** Provide SNMP MIB to monitor & control UPS
- ②** Auto-sense 10M /100M Fast Ethernet (**10M/100M/1000M is available for specific model**)
- ③** Manage and configure via Telnet, Web Browser or NMS
- ④** Support TCP/IP, UDP, SNMP, Telnet, SNTP, PPP, HTTP, HTTPS, SMTP, Modbus Protocol
- ⑤** Support SSL/TLS, SSH Encryption
- ⑥** Providing easy setup and upgrade tools via our Nentity software
- ⑦** Send SNMP TRAP ; E-mail and SMS for events notification.
- ⑧** Auto email daily UPS history report
- ⑨** Perform graceful shutdown with our ClientMate software
- ⑩** 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?

- ①** 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.
- ②** 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.

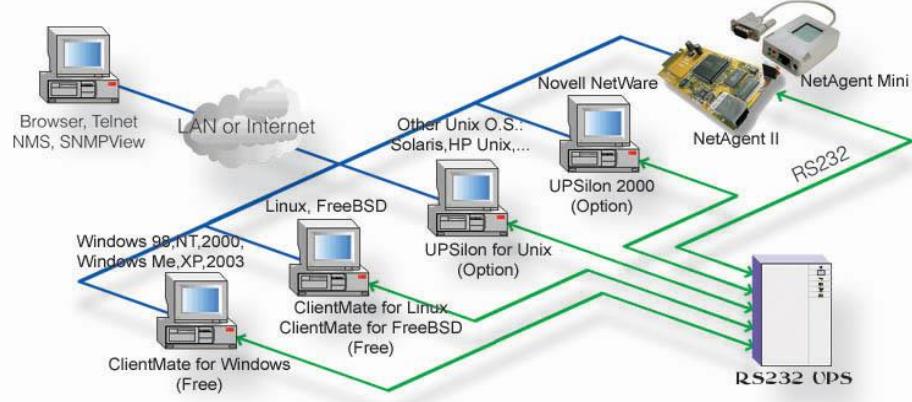


Fig.1 Network connection diagram of NetAgent and shutdown software

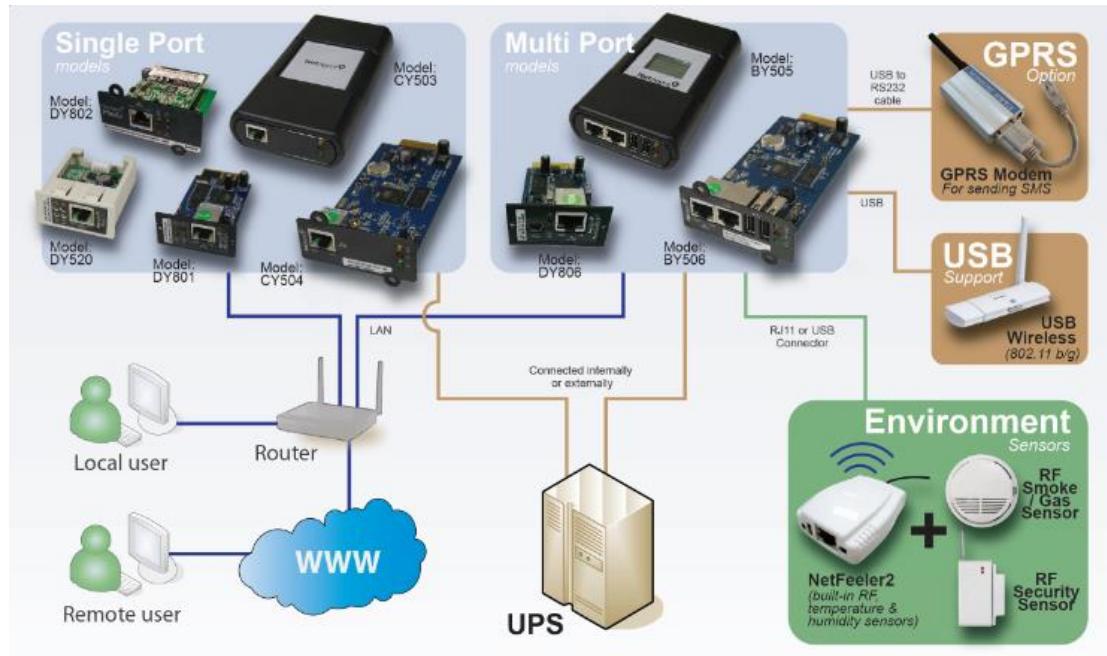


Fig.2 NetAgent 9 connection diagram with NetFeeler

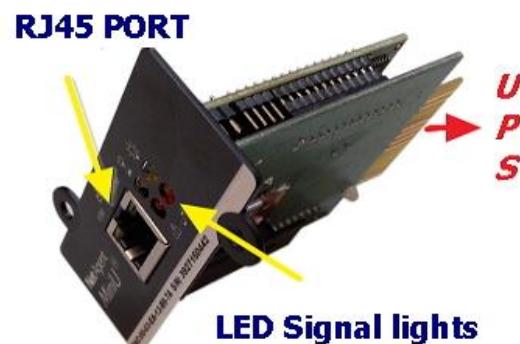
## ***Chapter 2. NetAgent Series***

### ***2.1 NetAgent Mini***

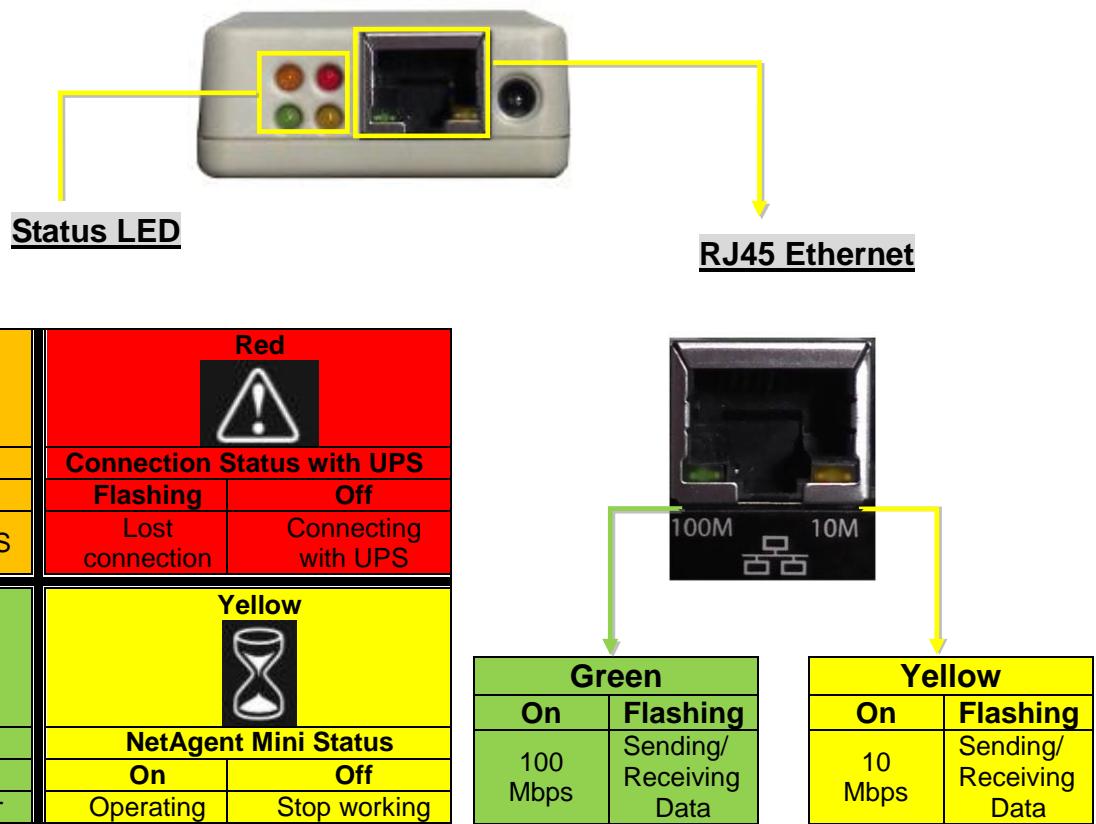
NetAgent Mini Model									
Model Name	Package Contents	Internal	External	RJ45 Port	RS232 Port	ENV Port	USB Port	Single Phase	Three Phase
<b>DP520</b> <b>DT520</b>	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DP801</b> <b>DT801</b>	1. NetAgent 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> <i>(Dry Contact Only)</i>	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



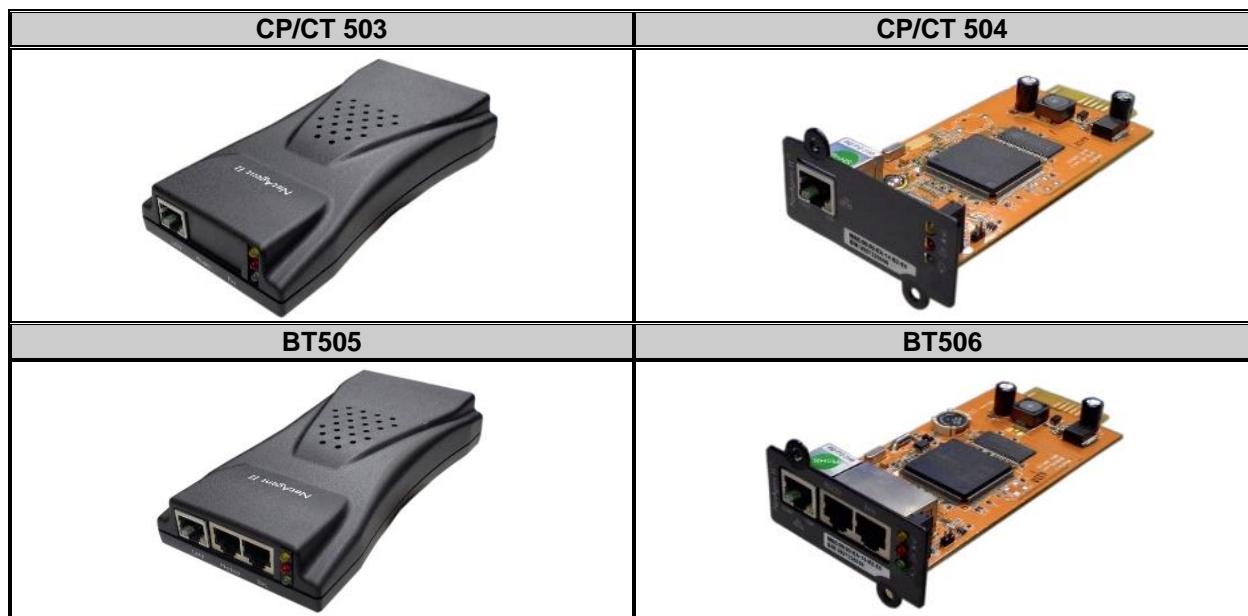
NOTE : When writing firmware, red and yellow led alternating flashing, DO NOT remove any power

## 2.2 NetAgent II Models

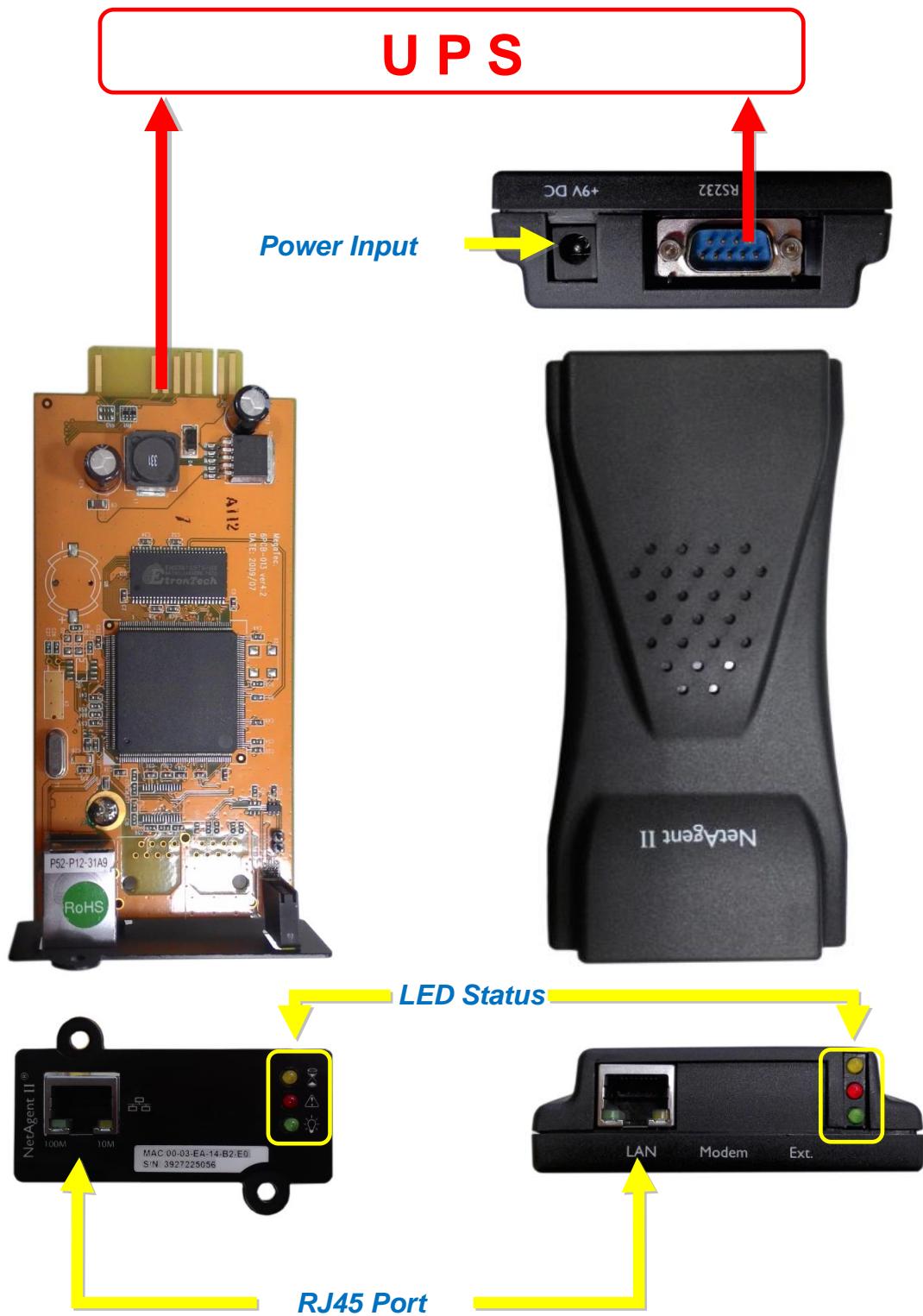
NetAgent II Model									
Model Name	Package Content	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
<b>CP503 CT503</b>	1. NetAgent SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2501 Cable( For Dry Contact UPS) 5. M2502 or M2505 Cable(For RS232 UPS) 6. Adaptor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

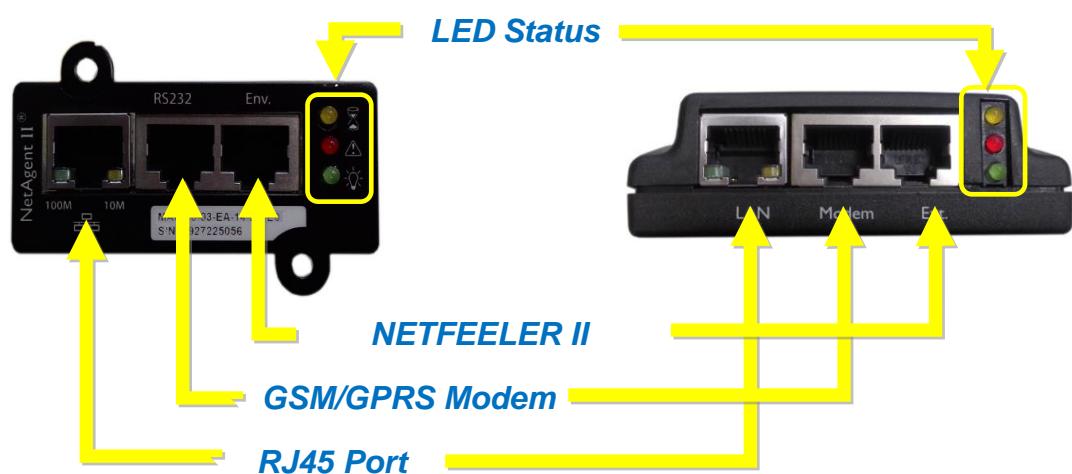
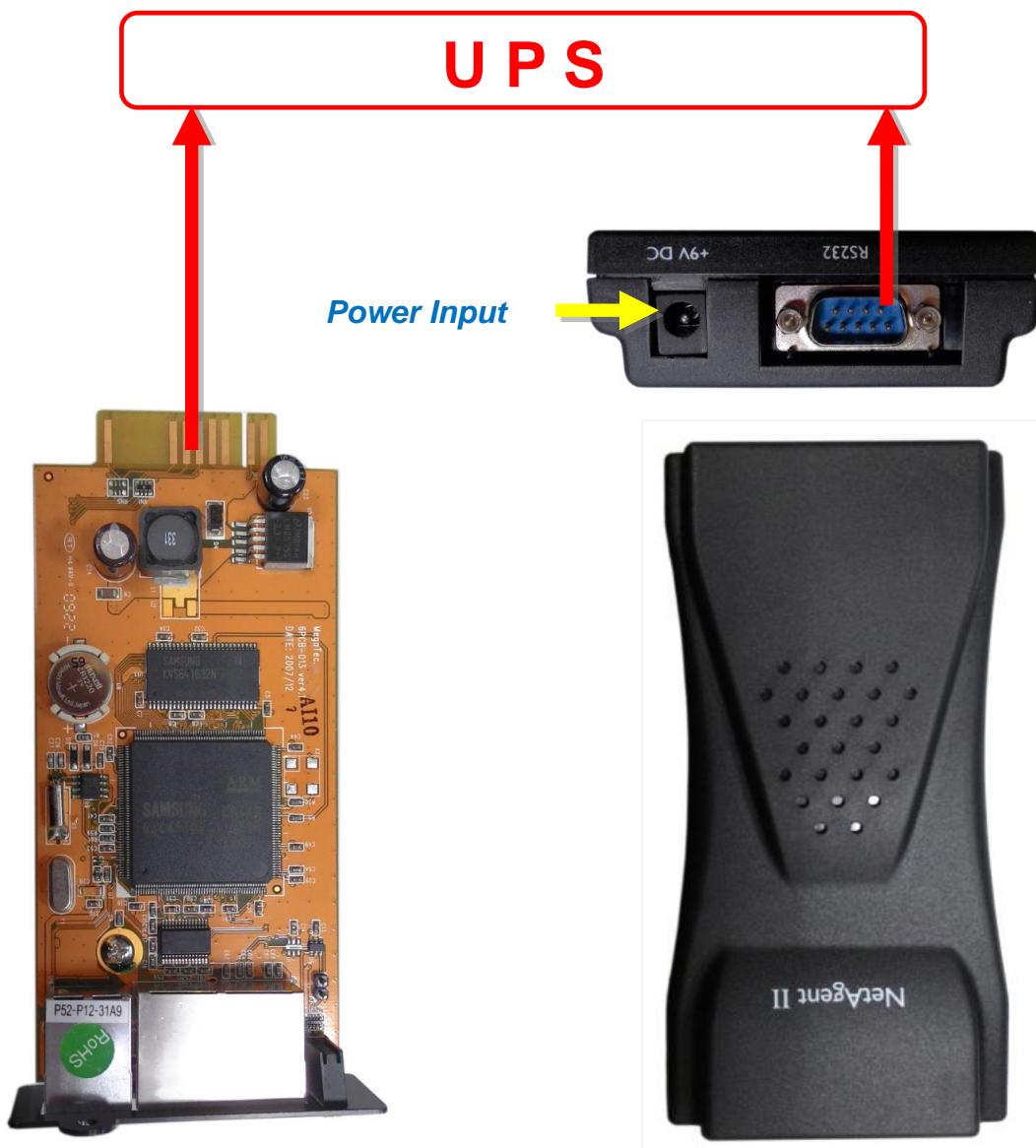
### 2.2.1 NetAgent II Outlook



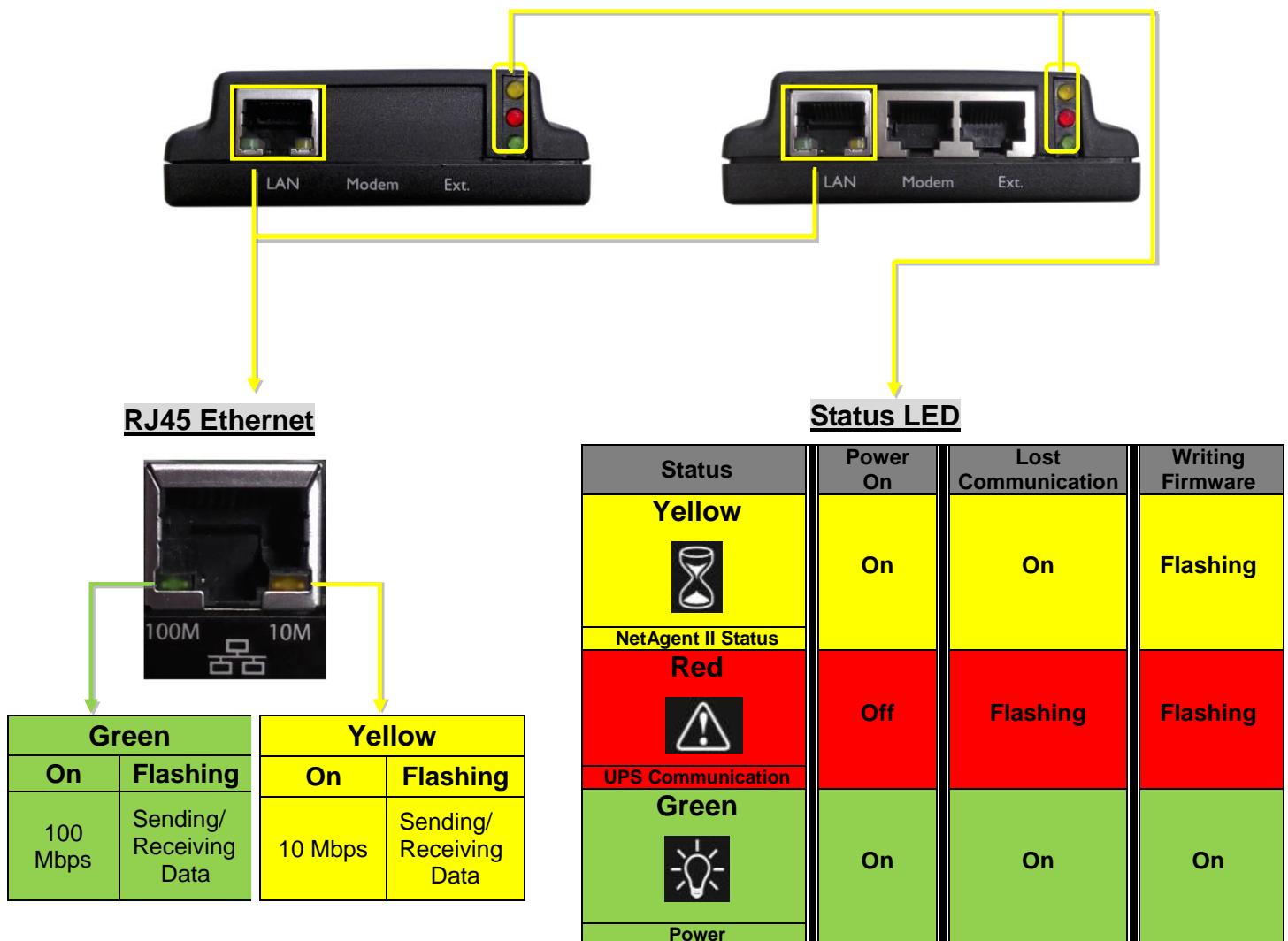
◆ One Port NetAgent II



◆ 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



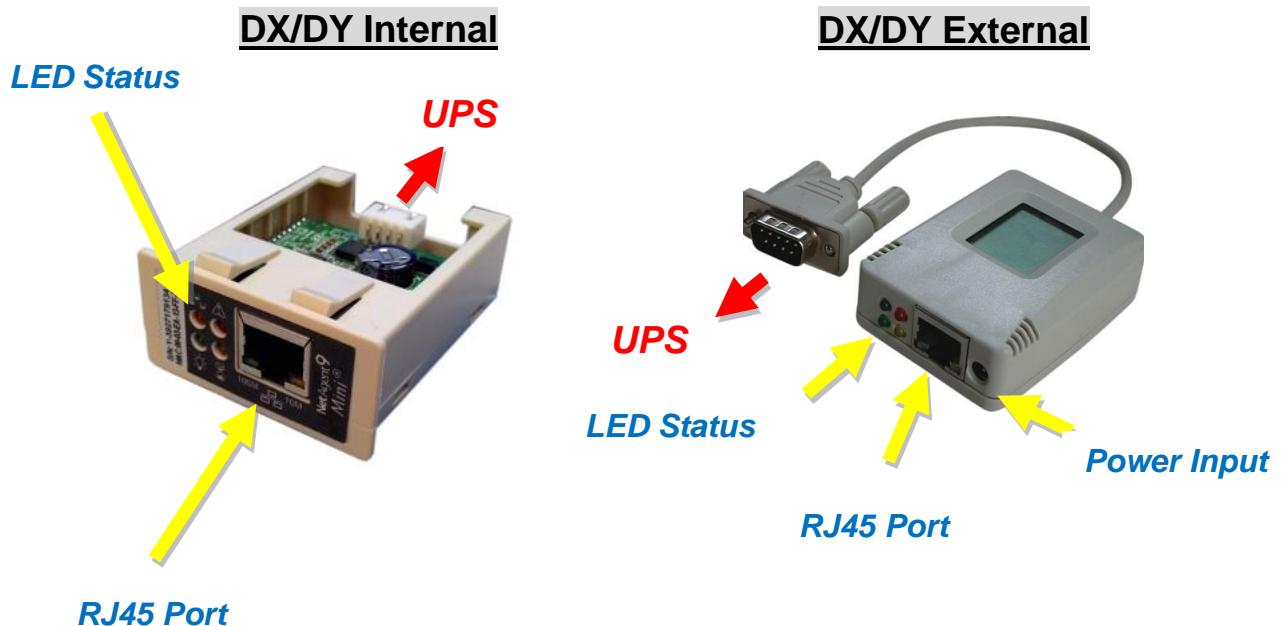
## 2.3 NetAgent Mini 9/ NetAgent 9

### NetAgent Mini 9 Models

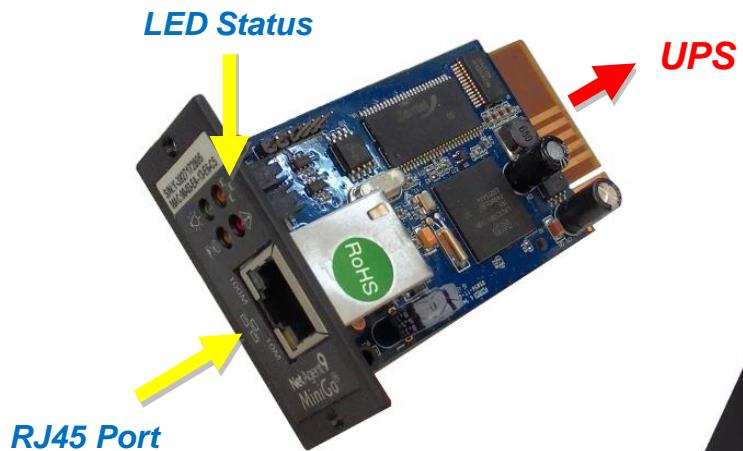
NetAgent Mini 9 Model									
Model Name	Package Contents	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
<b>DX520</b> <b>DY520</b>	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
<b>DX801</b> <b>DY801</b>	1. NetAgent Mini 9 SNMP Card 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> <b>(Dry Contact Only)</b>	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

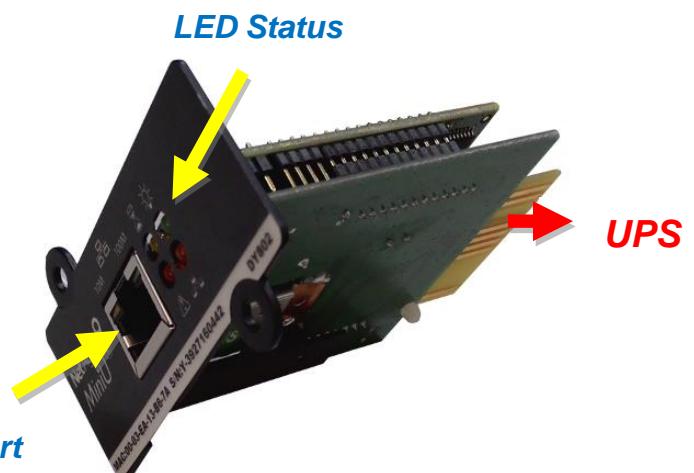
NetAgent Mini 9 Series			
DX/DY 520	DX/DY 522	DX/DY 523	DX/DY 532
			
DX/DY 801	DX/DY 802	DX/DY 806	DY 807
			
DX/DY 630			
			



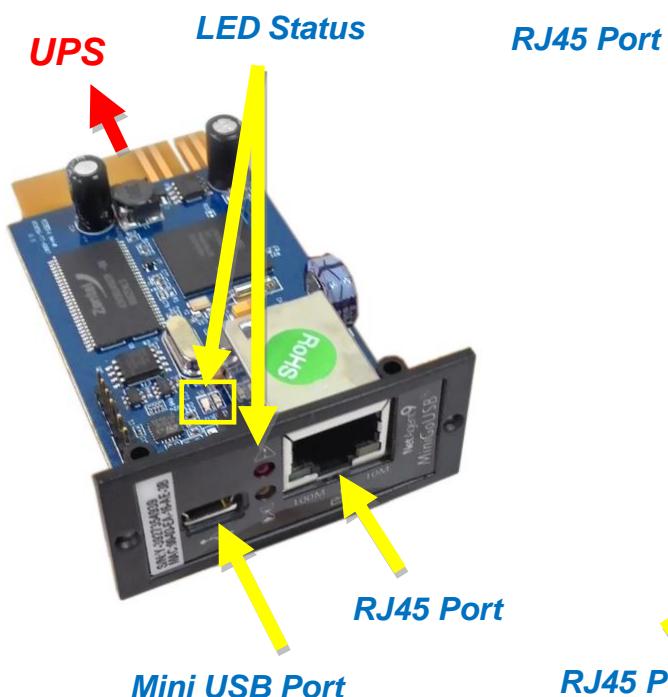
**DX/DY 801**



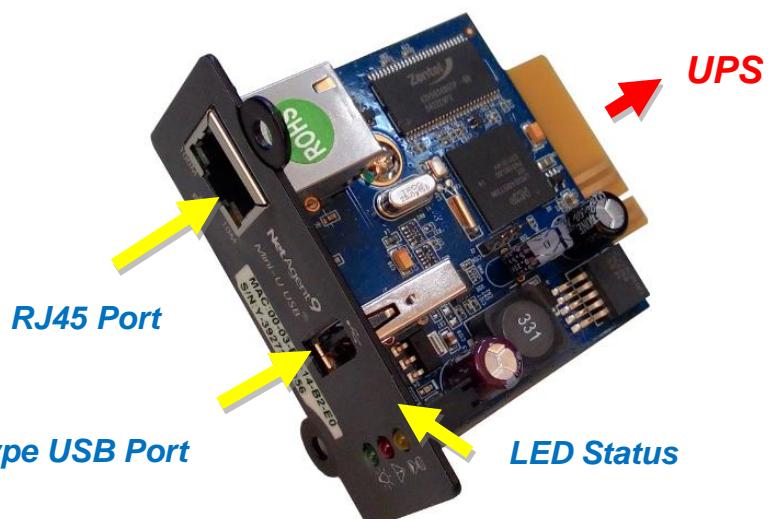
**DX/DY 802**



**DX/DY 806**



**DY 807**



### 2.3.2 NetAgent Mini 9 LED Indication



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

A close-up photograph of the RJ45 Ethernet port on the NetAgent Mini 9. Two green arrows point from the table below to the port's LED indicators: one arrow points to the green LED labeled "Green" and another points to the yellow LED labeled "Yellow".

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

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



**DX/DY 520 Internal**



**DX/DY 801**



**DX/DY 802**

<b>D5</b>	
Green	
<b>Power</b>	
On	Off
Normal	No Power

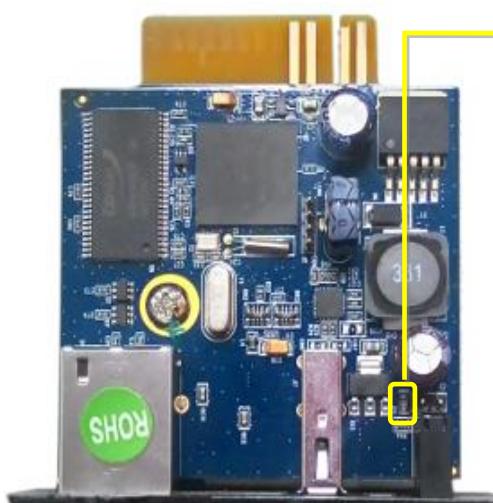
<b>D4</b>	
Blue	
<b>Communication</b>	
Flashing	
Sending/Receiving Data	

**DX/DY 806**



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

<b>D4</b>	
Blue	
<b>Communication Status</b>	
Flashing	
Sending/Receiving Data	



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

**DY 807**

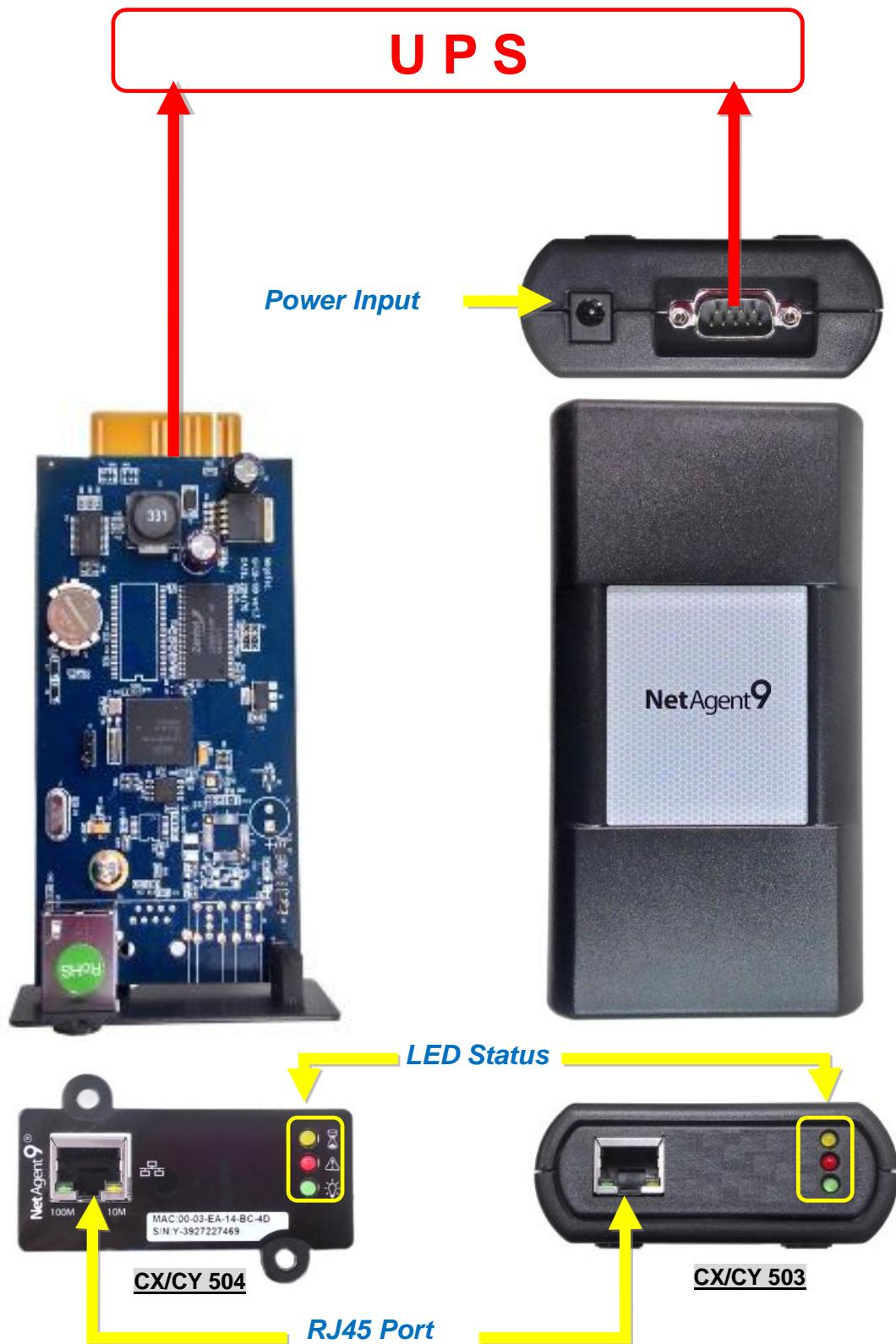
## 2.4 NetAgent 9 Series

NetAgent 9 Model									
Model Name	Package Contents	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
CX/CY 503	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. Adaptor		V	V				V	V
CX/CY 504	1. NetAgent 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
BX/BY 505	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
BX/BY 506	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

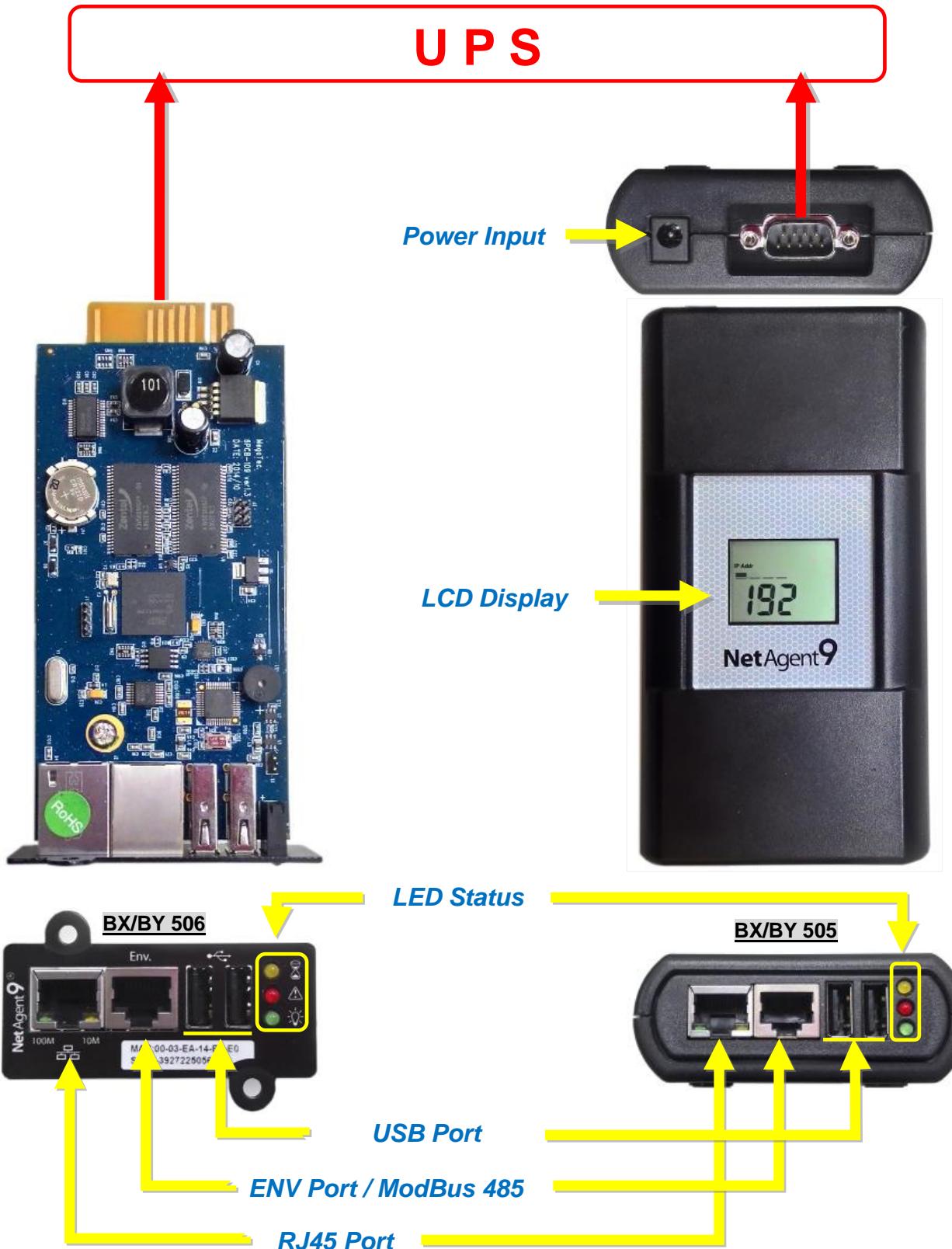
### 2.4.1 NetAgent 9 Outlook

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

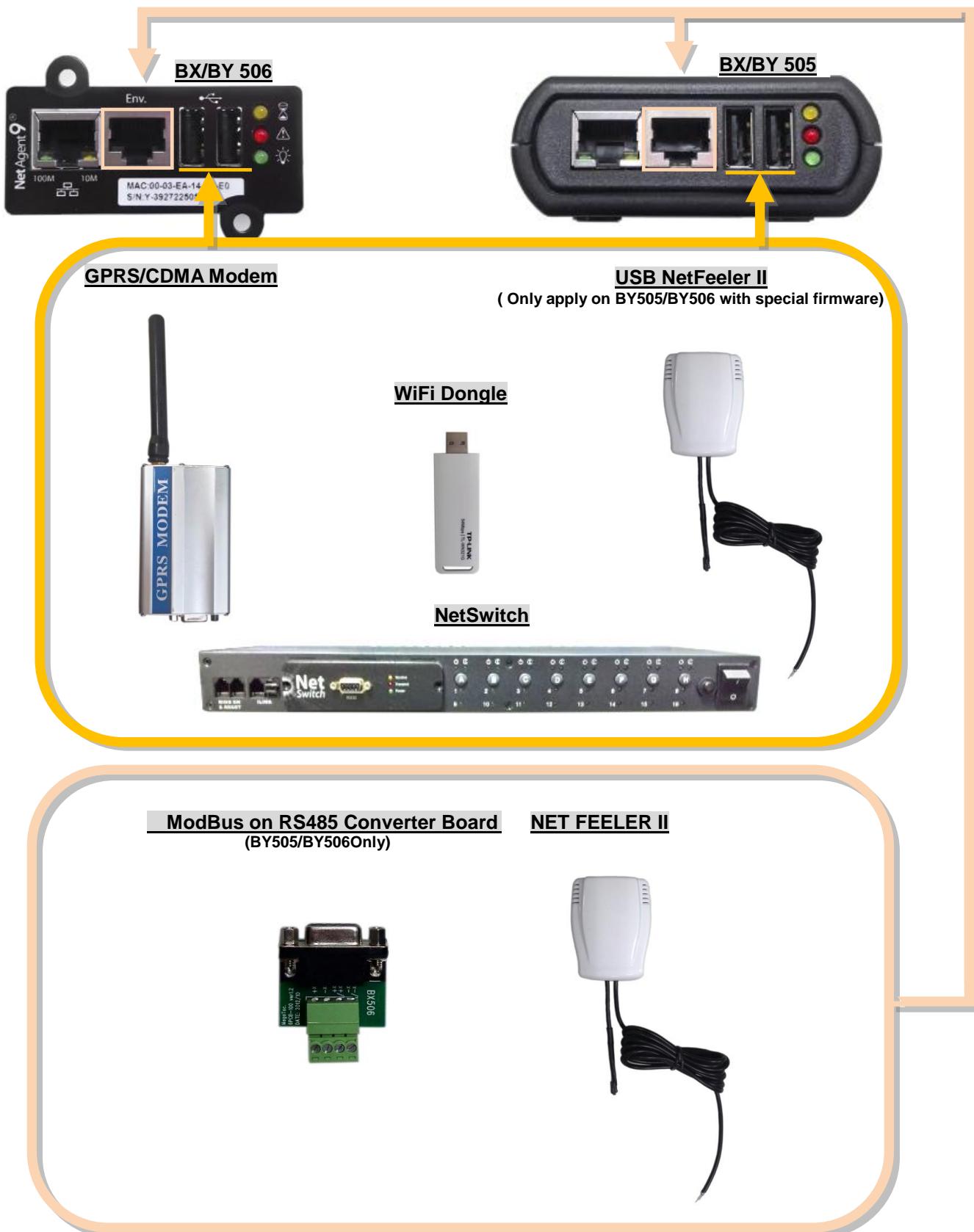
◆ One Port NetAgent 9



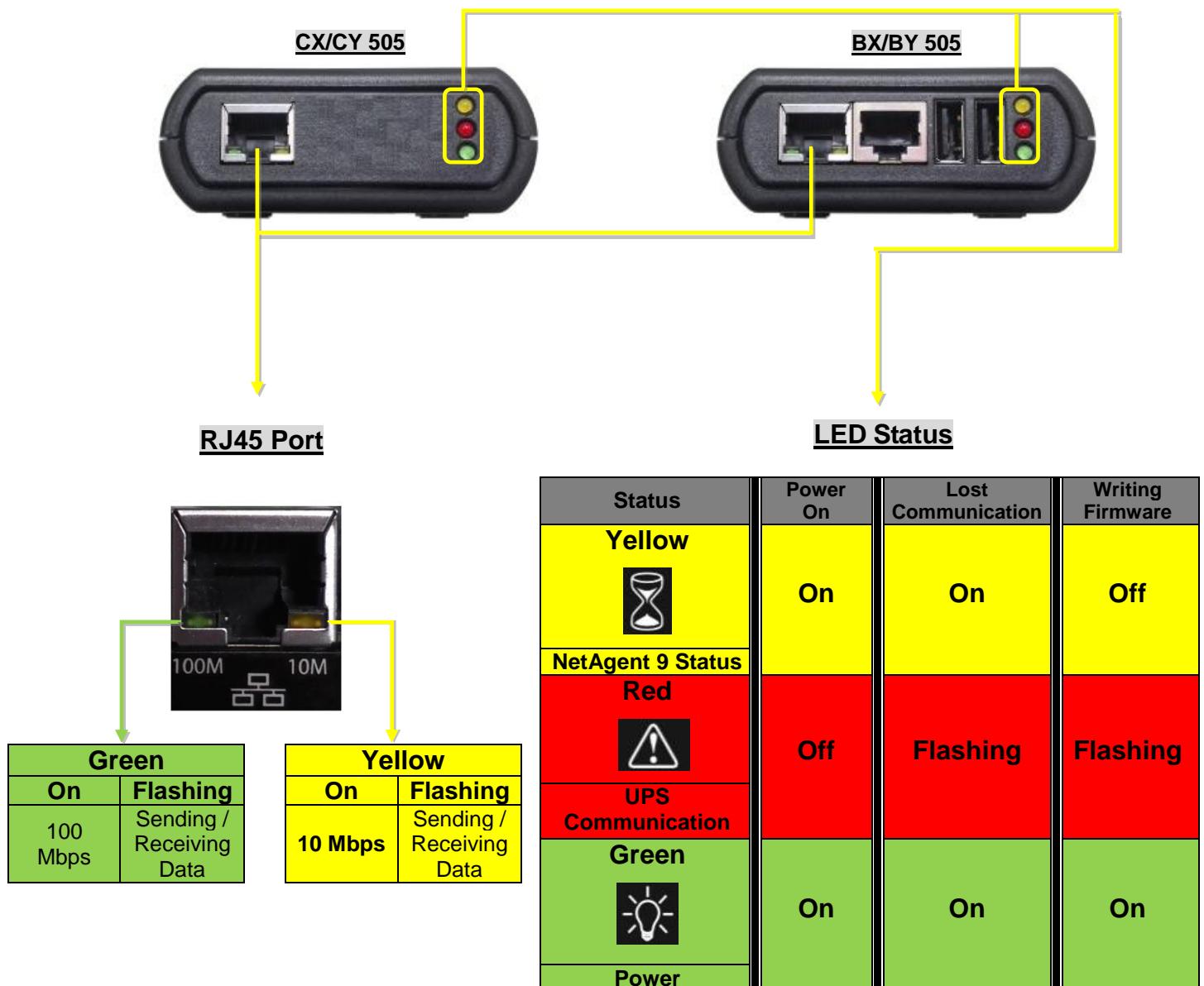
◆ NetAgent 9 W/USB Ports



## ◆ 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 Contens :



- **Nutility** - NetAgent Software tool – IP configuration / Firmware Upgrade
- **ClientMate** - Shutdown Software
- **SMS Server** - SMS Notification Software (with compatible Modem)
- **SNMPView** - NMS Software/ Multi Monitoring
- **Time Server** - Time ServerSoftware
- **iMConfig** - Multi Configuration Software

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



### (3) Adaptor



5.3V



9V

For NetAgent Mini Series

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

#### ■ Internal NetAgent

\* NOTE : Turn Off UPS Power before installation

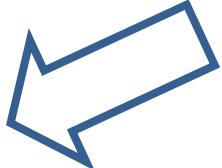


Find INTELLIGENT SLOT on UPS and remove the panel



Insert NetAgent into the slot and fit into the connector

Screw lock on the two sides



Connect LAN cable



Turn ON UPS



## ■ External NetAgent Mini

\* Turn Off UPS Power before installation



Find RS232 port on UPS

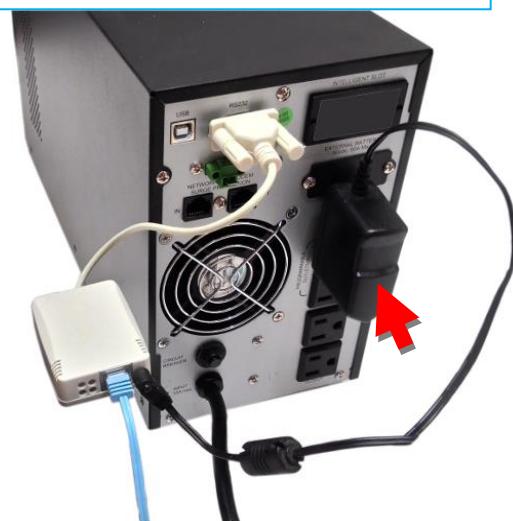


Attach and screw NetAgent's RS232 connector on it

Connect LAN cable



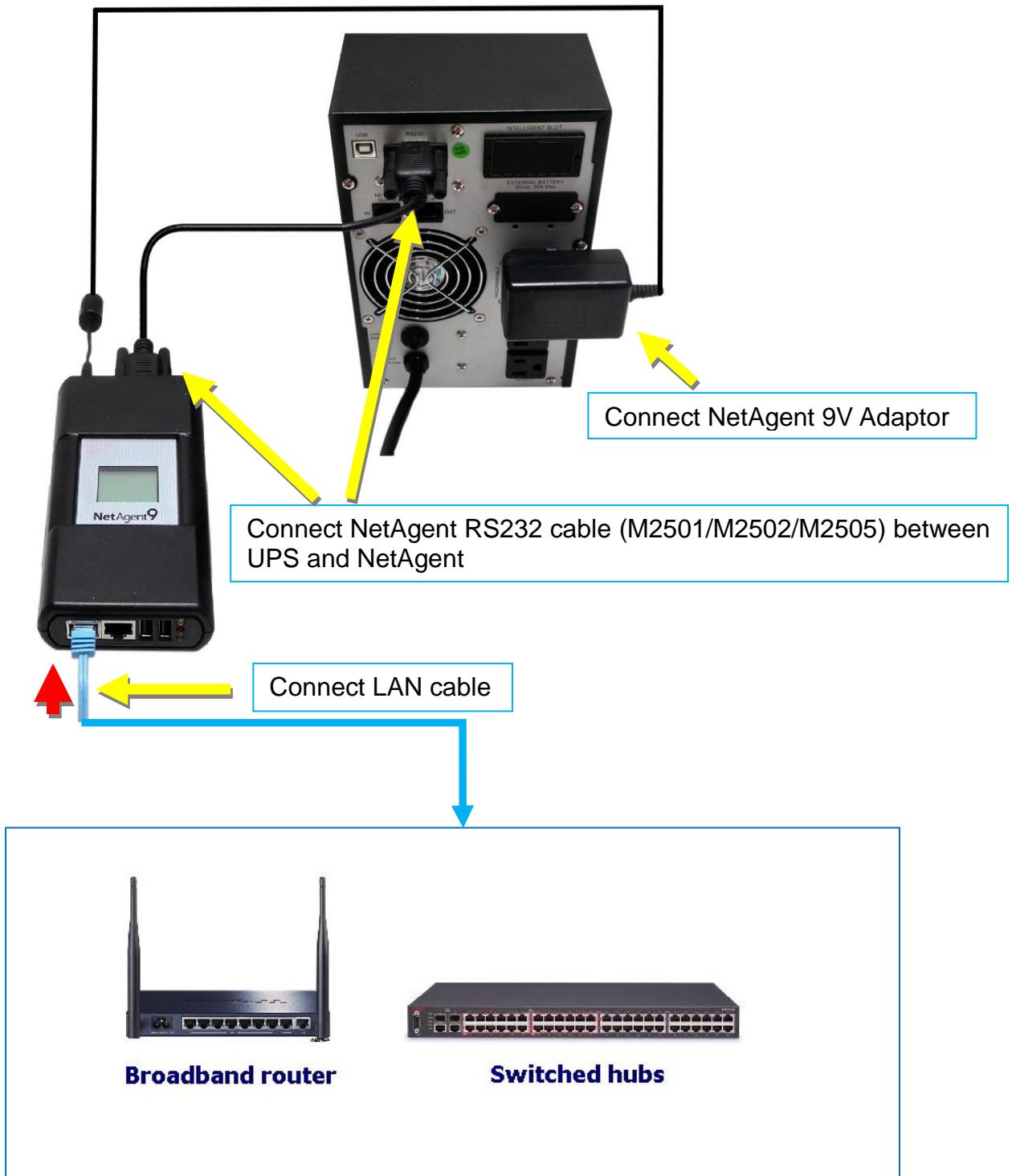
Connect NetAgent Mini 5.3V adaptor



Turn ON UPS

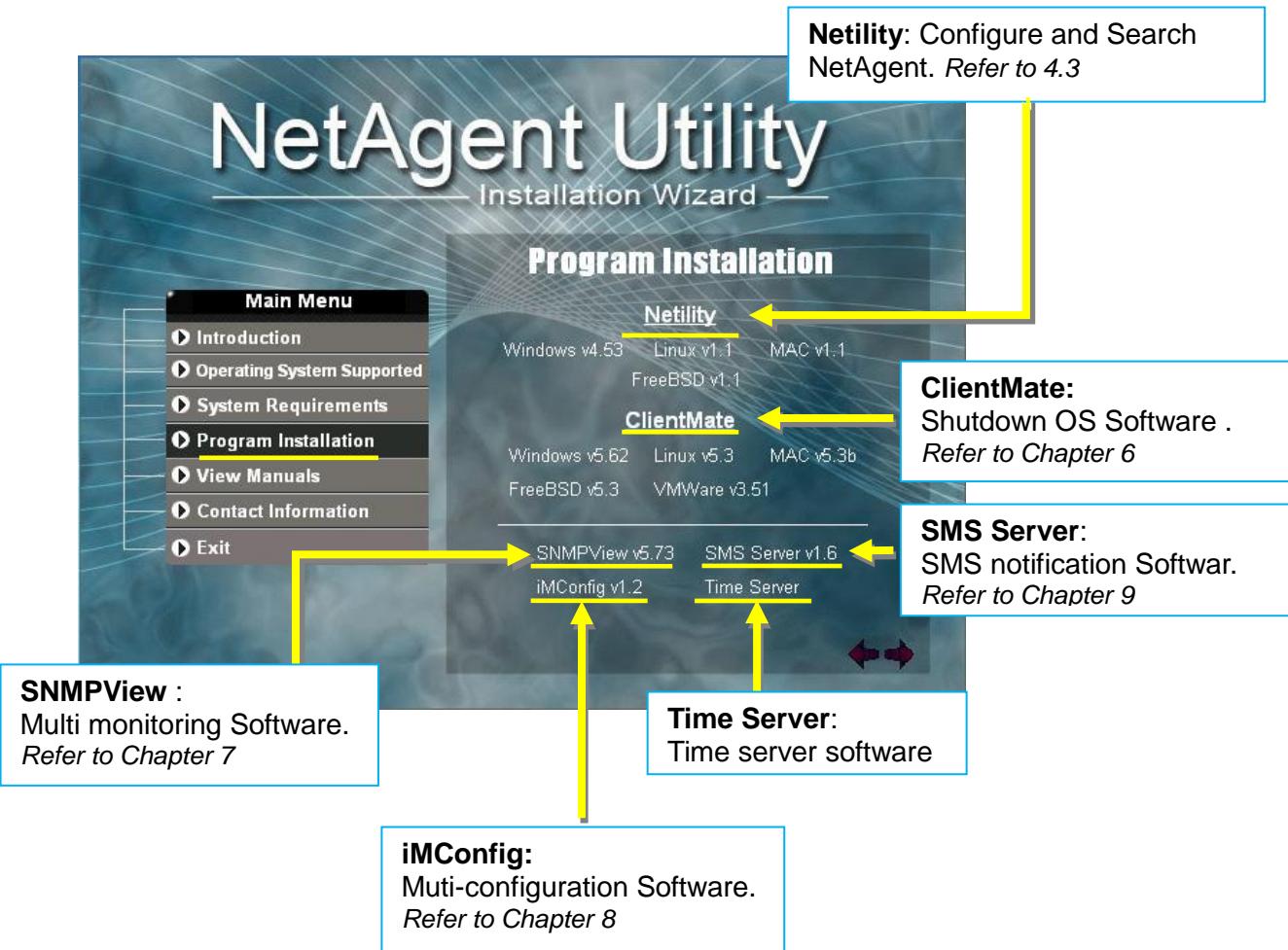


## ■ External NetAgent II / 9

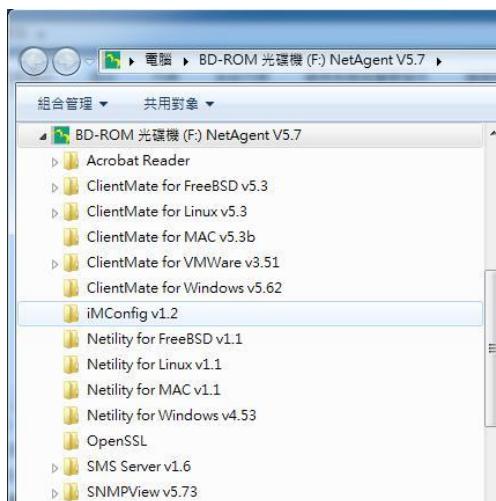


### 3.2 Software Installation

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



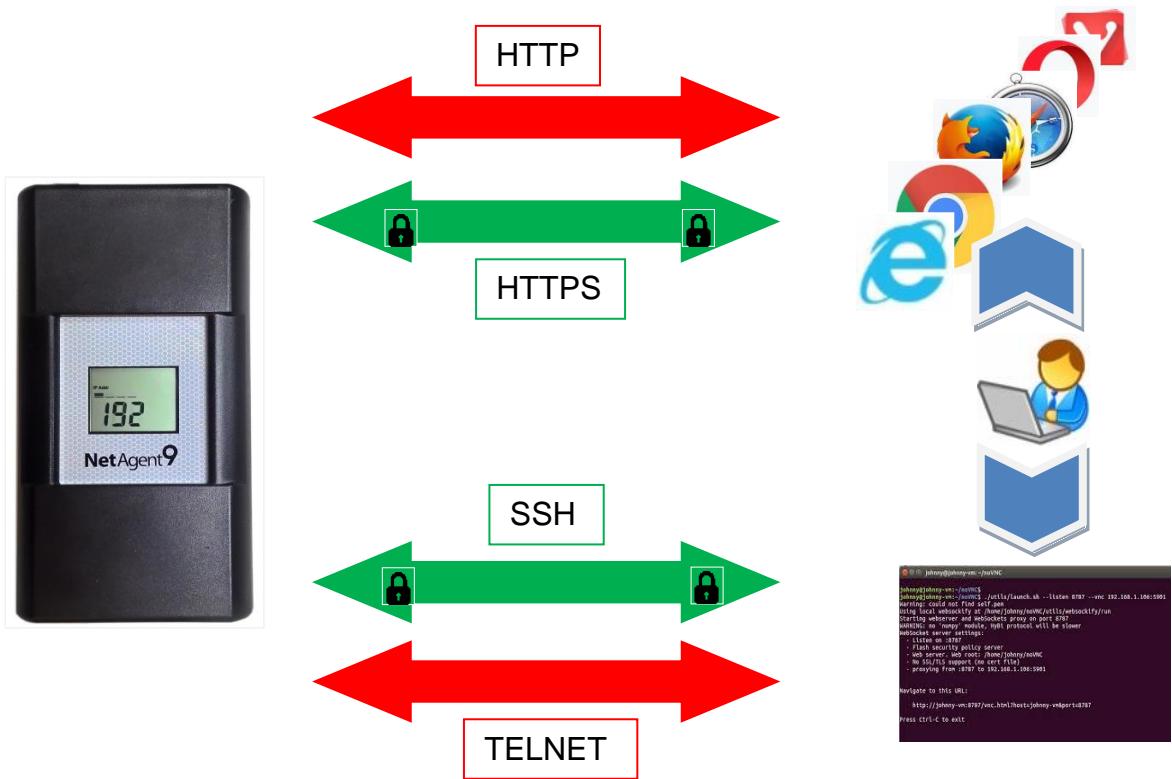
If the PC does not executes CD program automatically, please select from File Management



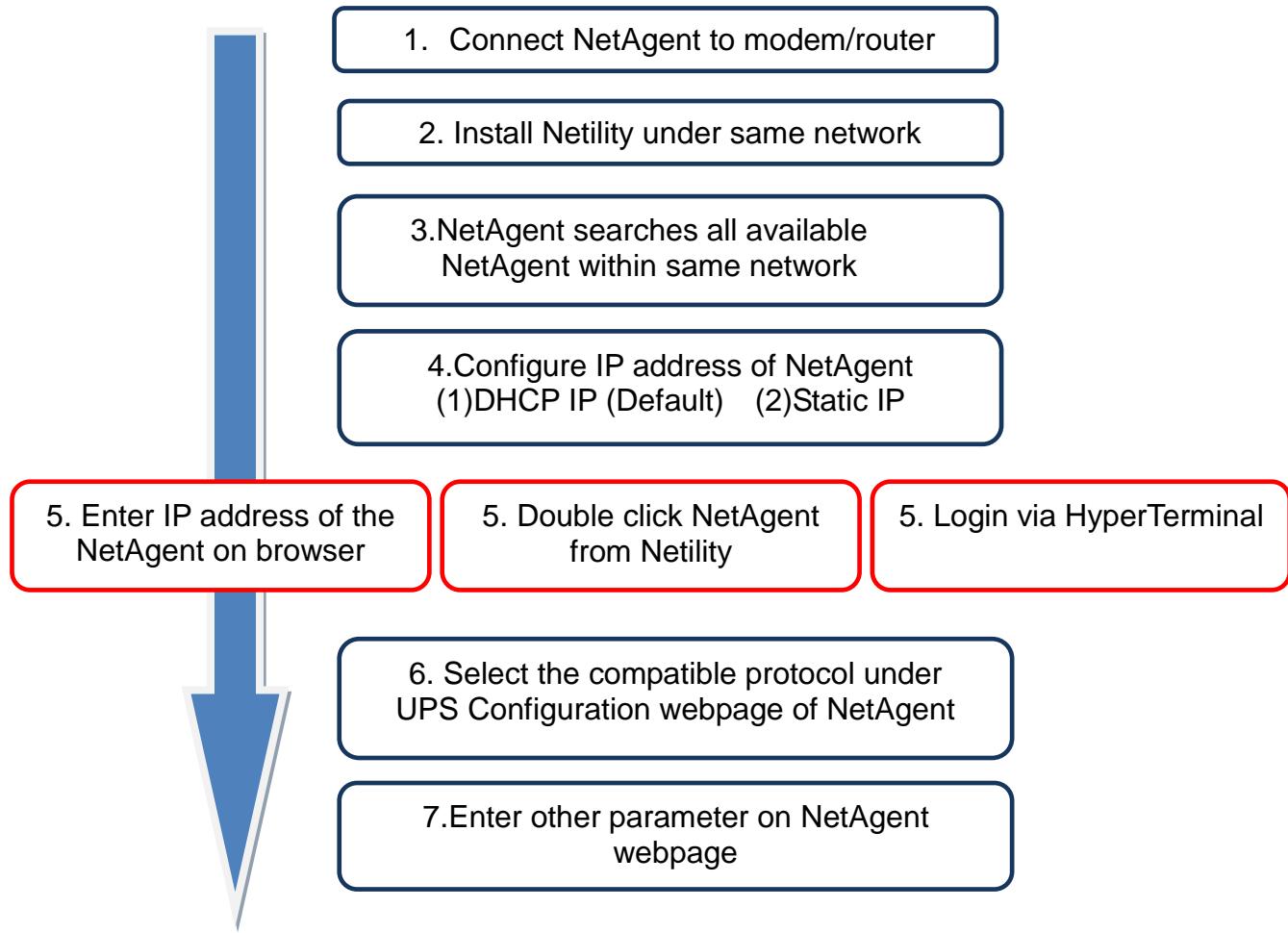
# Chapter 4. NetAgent Setting

## 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

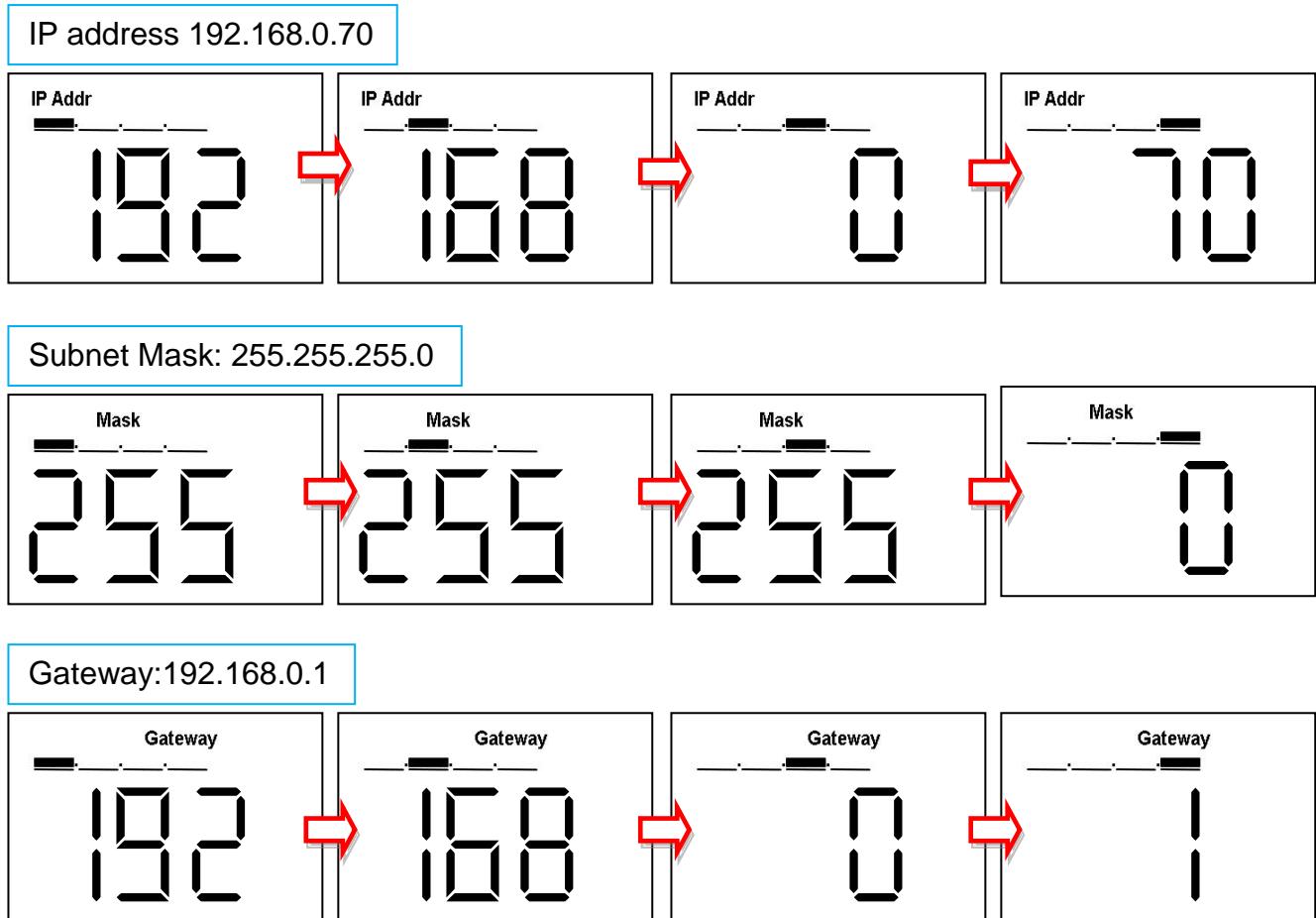


**NOTE 1 :** Each NetAgent has its unique serial number / MAC address and Password. This is available on the label of each unit. This helps to identify the card information on Netility

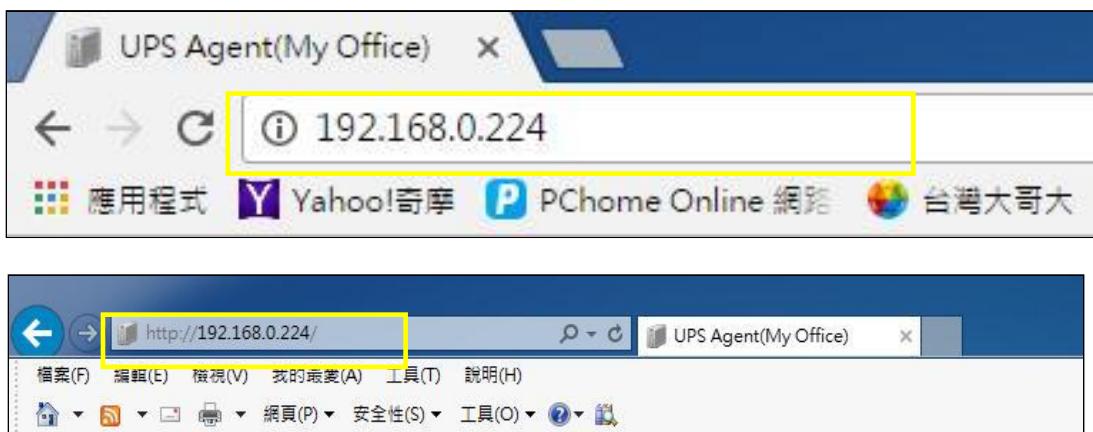


**NOTE 2 :** NetAgent with LCD display may obtain the IP info from it.

Example of LCD display format as below



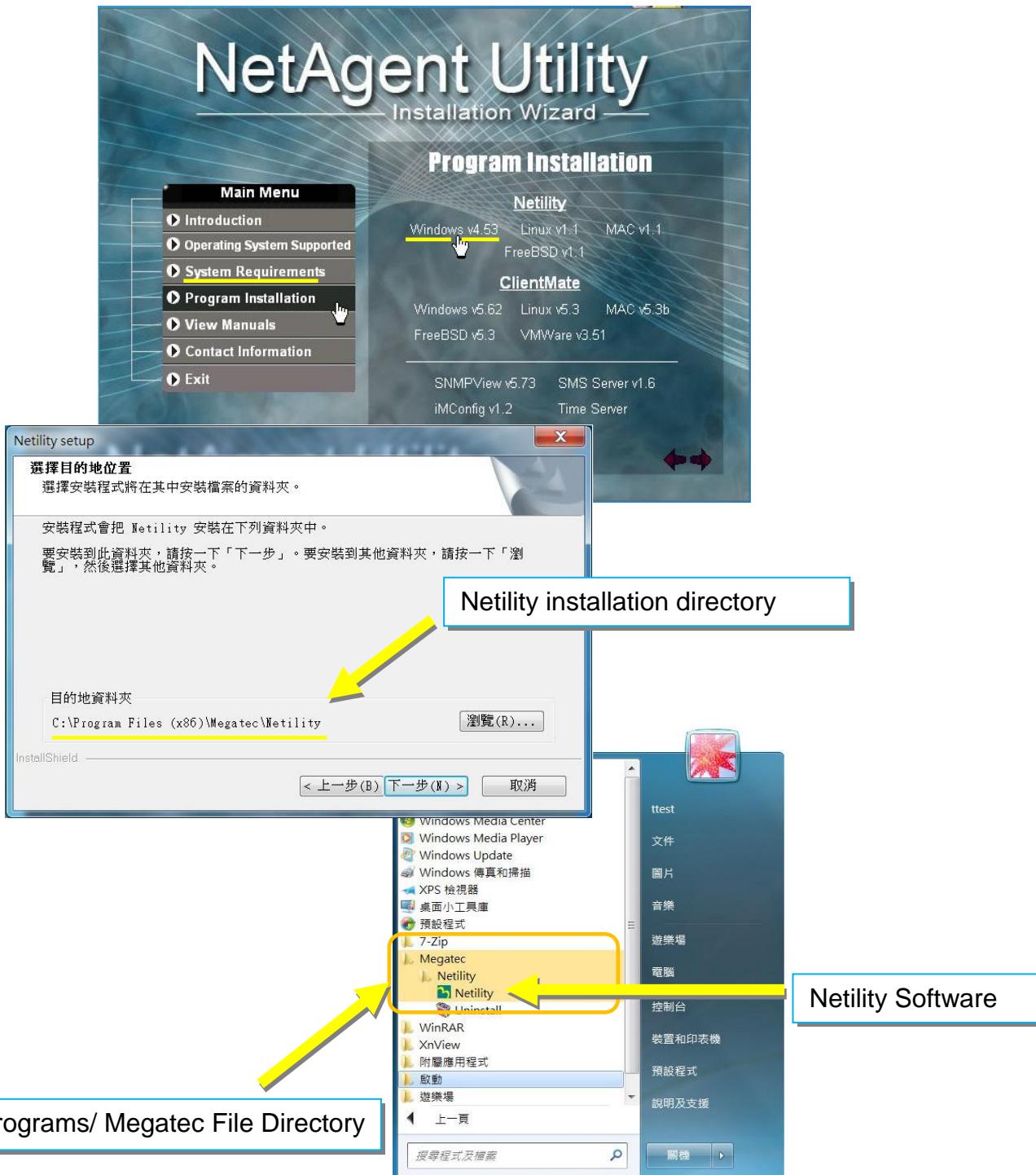
When NetAgent IP is known, enter such IP address on the browser to login. If non-LCD NetAgent model, install Nutility software to find and configure its IP address.



## 4.3 Netility Installation and Setting

### ■ Netility Installation

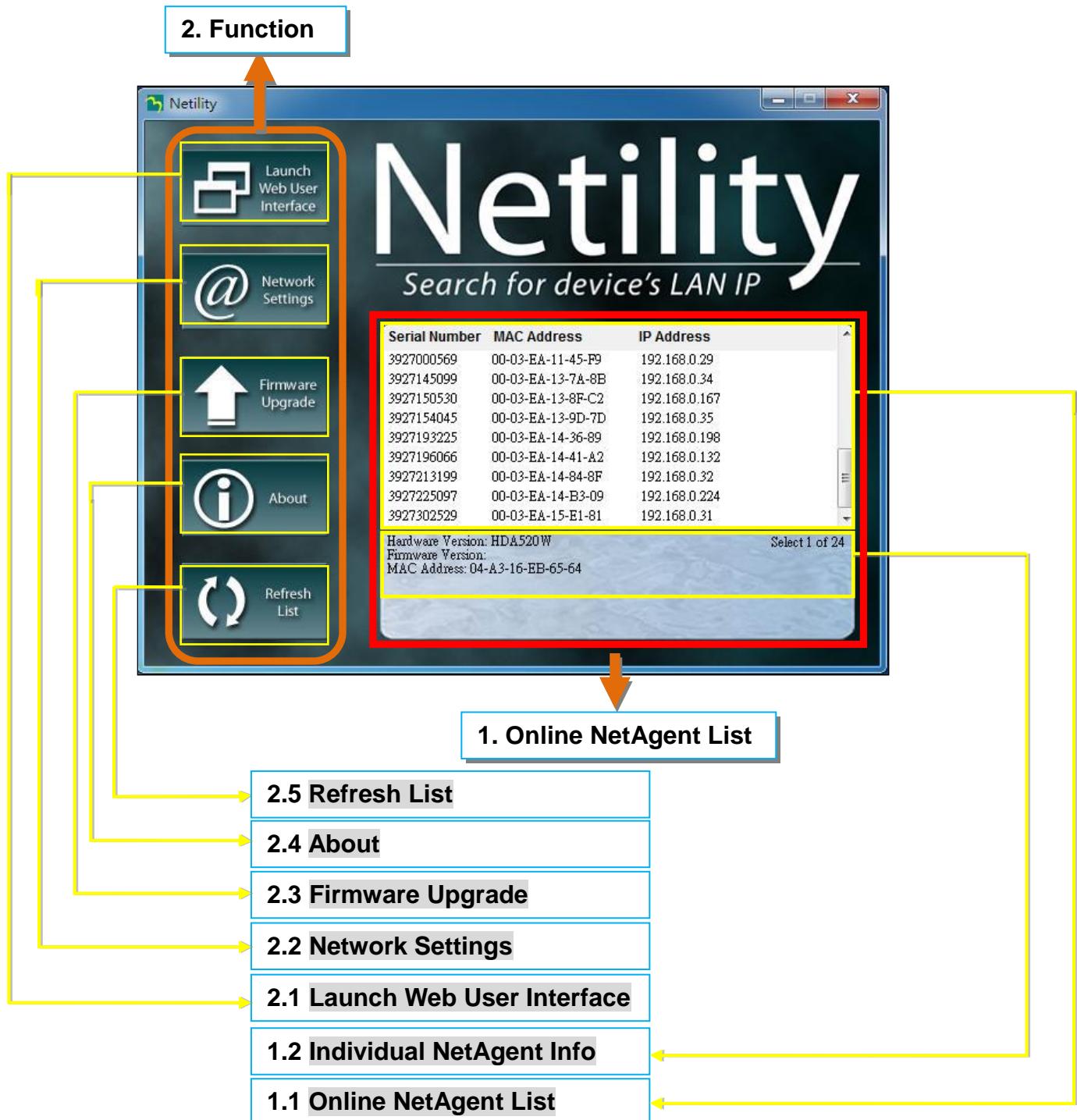
Netility is tool software that helps the user to search all the available NetAgent within network as well as to configure IP address and firmware upgrade. Mount the NetAgent Utility CD on CD-ROM and click on Program Installation>Netility>Windows v4.53



## ■ Netility Operation and Setting

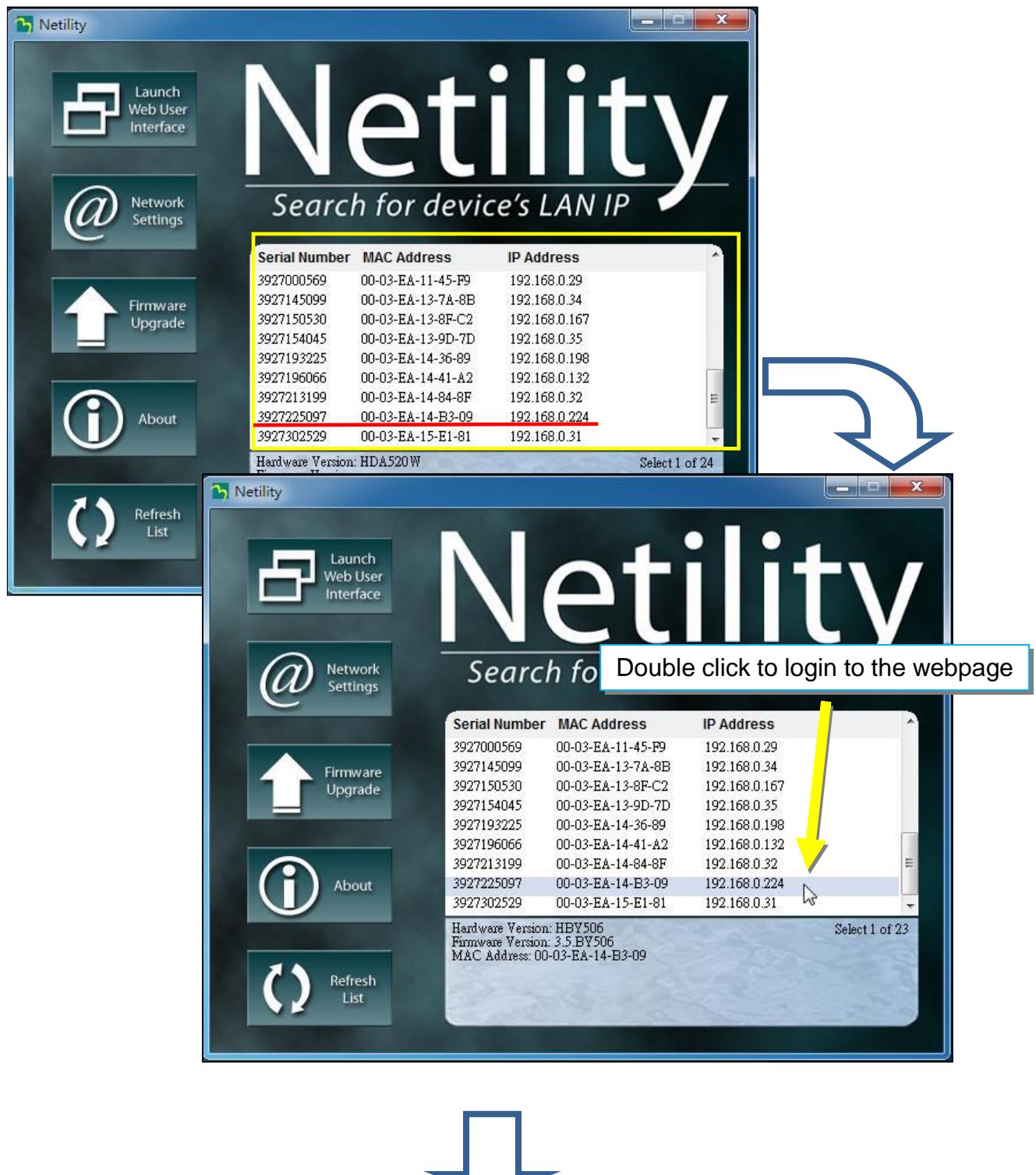
Netility main pages divided into 2 sections:

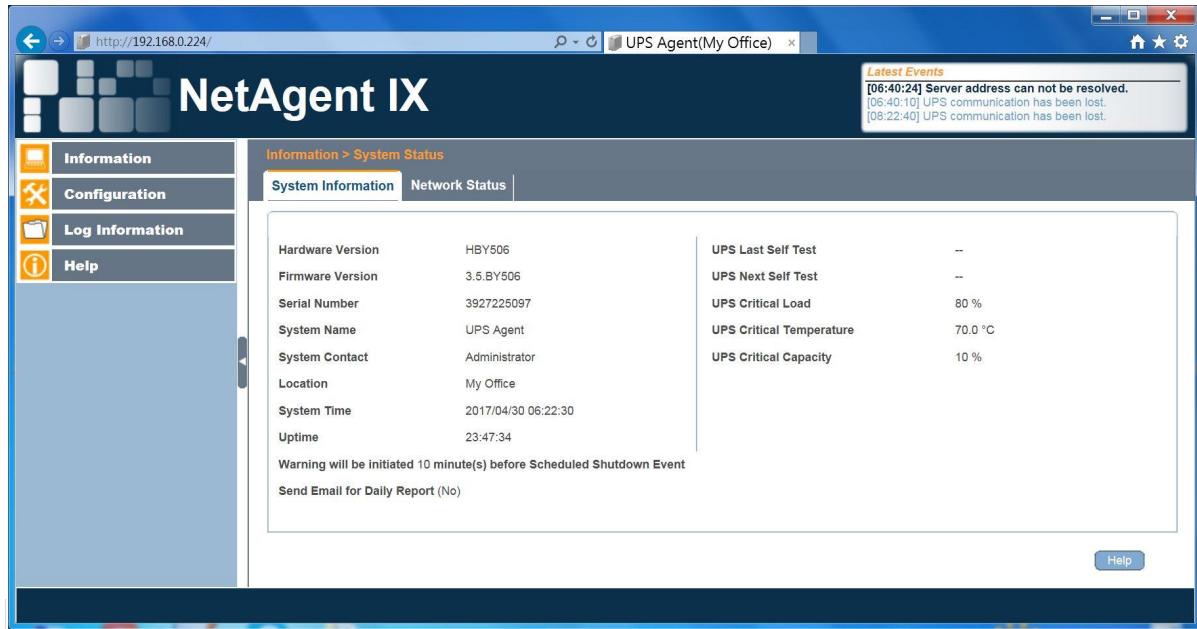
1. Online NetAgent List    2. Function Selection



## **1.1 Online NetAgent List**

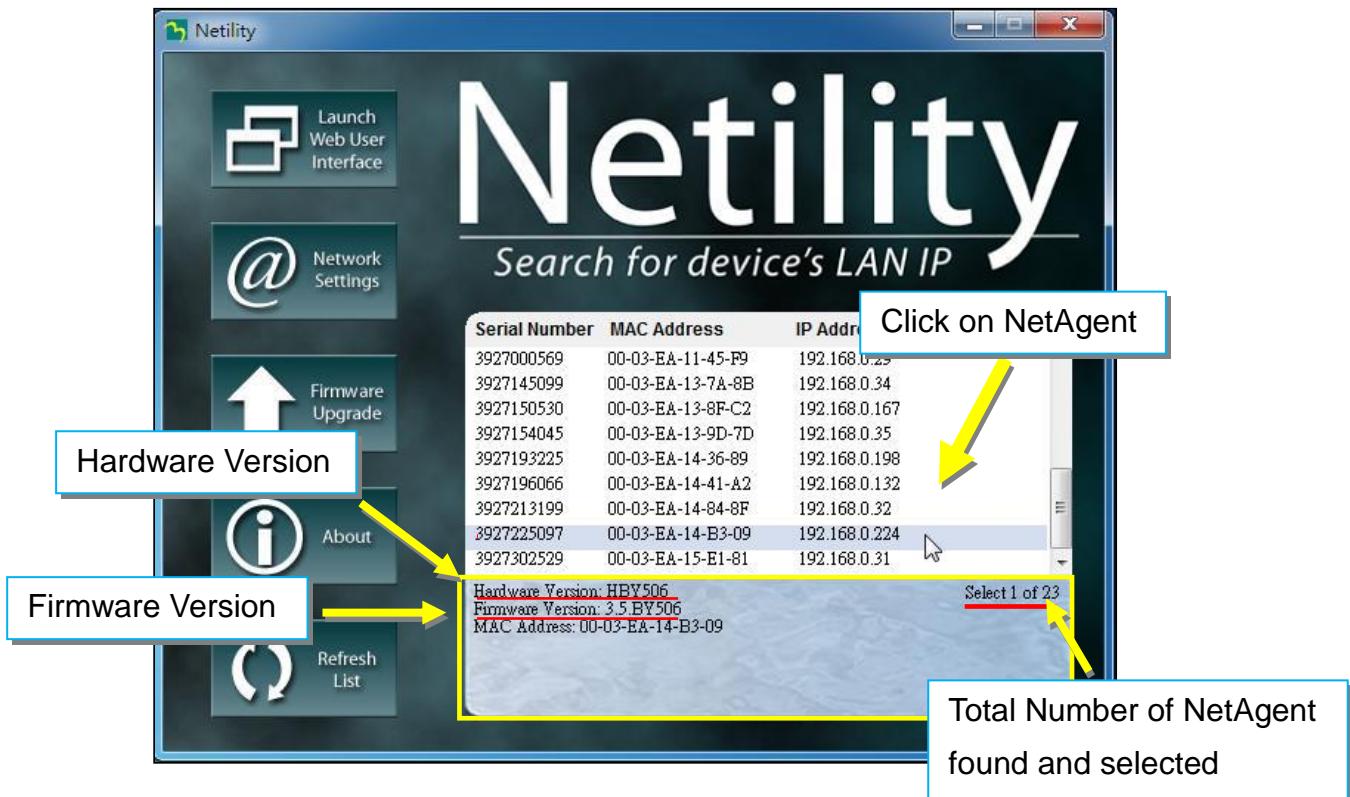
When open up Netility , it automatically searches all the available online NetAegnt within the network with its serial number, IP address, MAC address. Double click on the specific NetAgent with valid IP address, it will direct to the NetAgent's webpage. (List refreshes automatically every 2 minutes)





## 1.2 Individual NetAgent Info

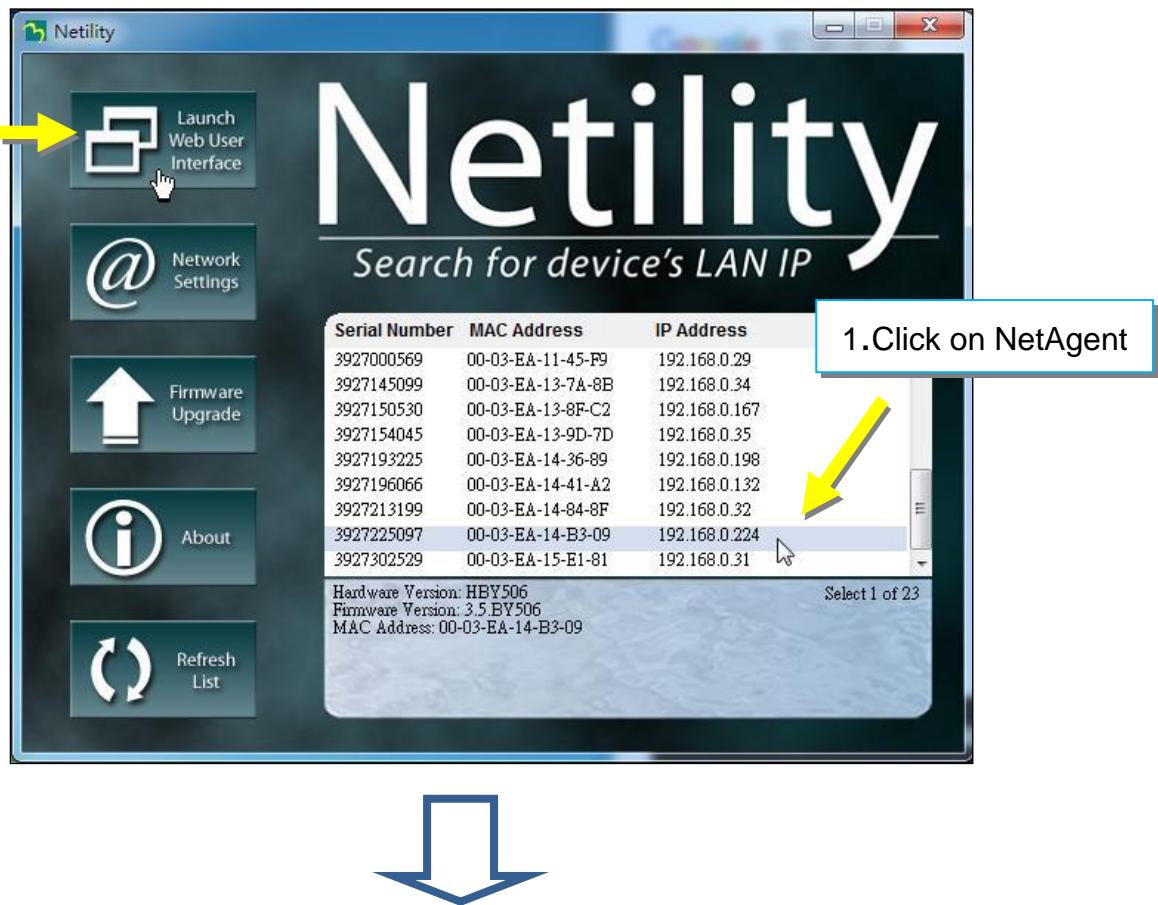
Click on specific NetAgent , the bottom column shows its hardware , firmware version and MAC address. It also shows the total NetAgent number that found by Netility and selected



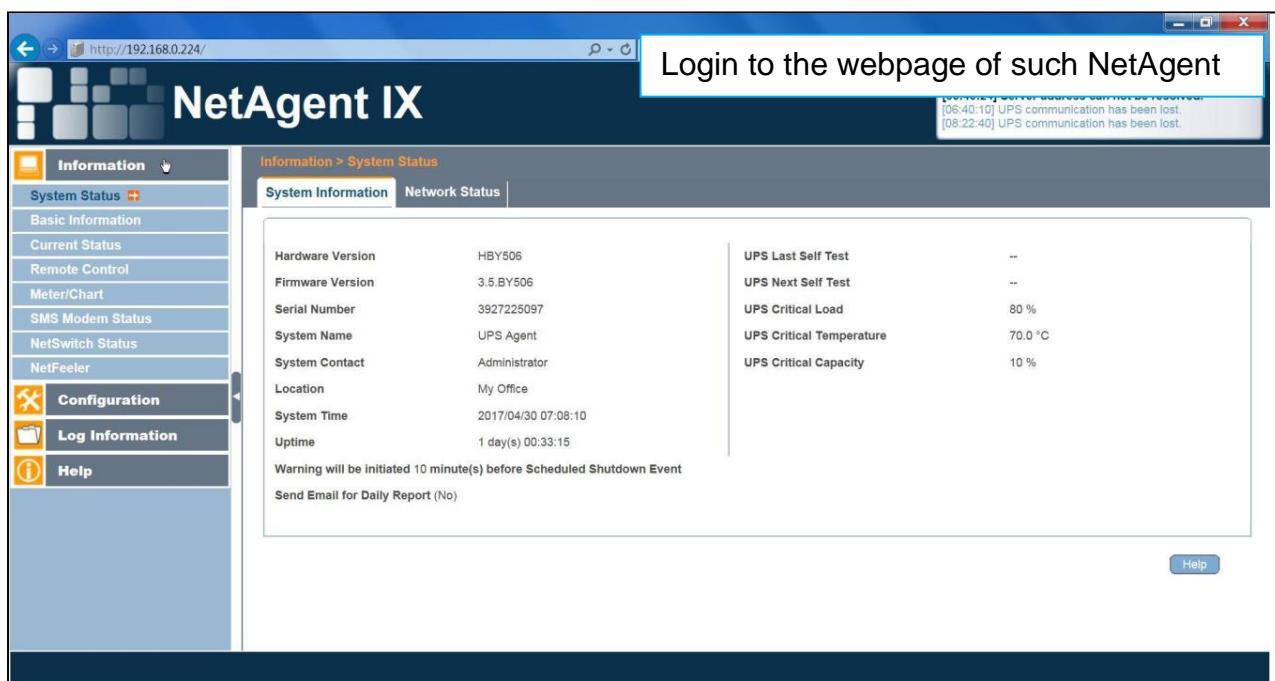
## **2.1 Launch Web User Interface**

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

2. Click on  
Launch Web  
User Interface

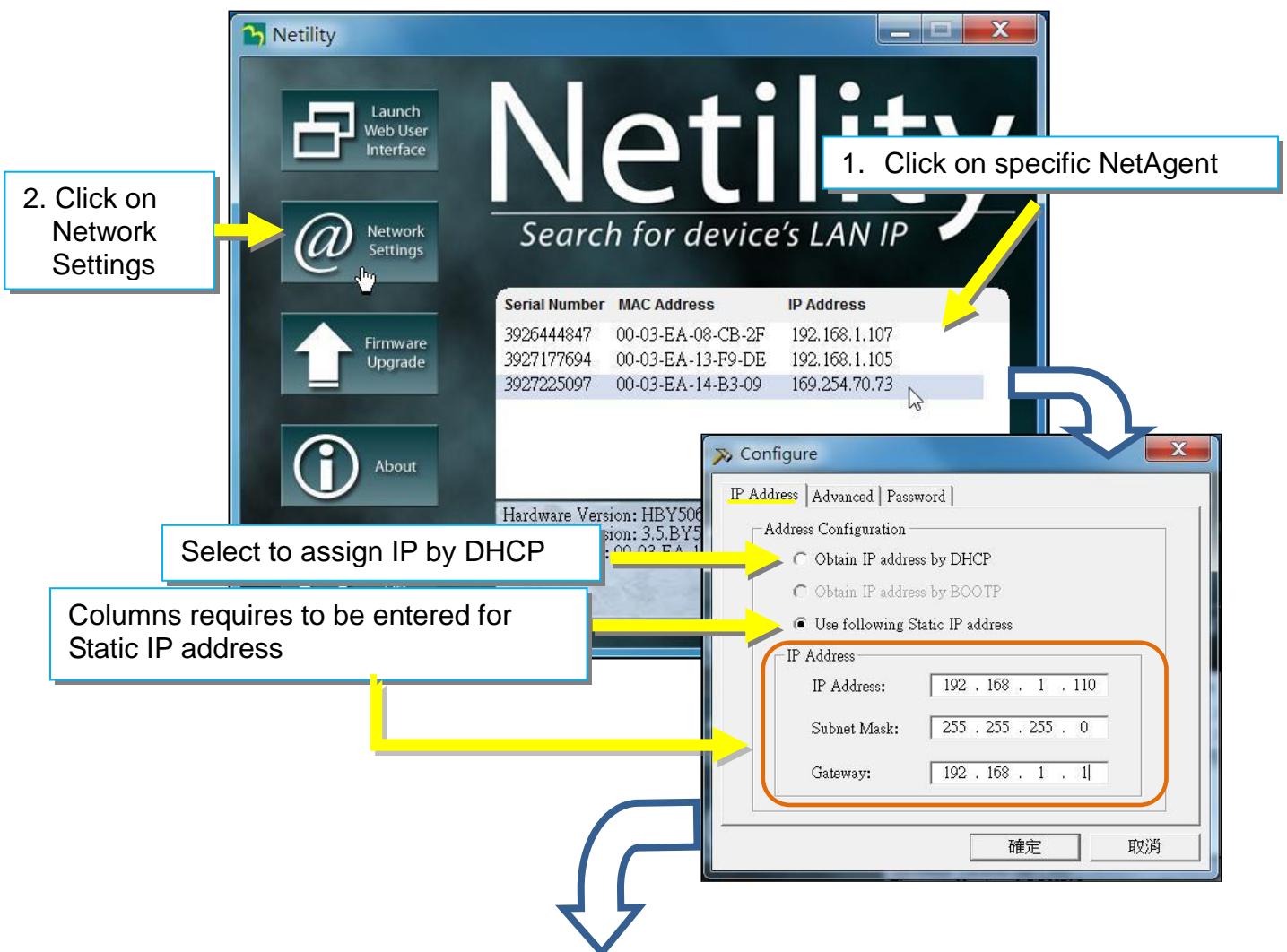


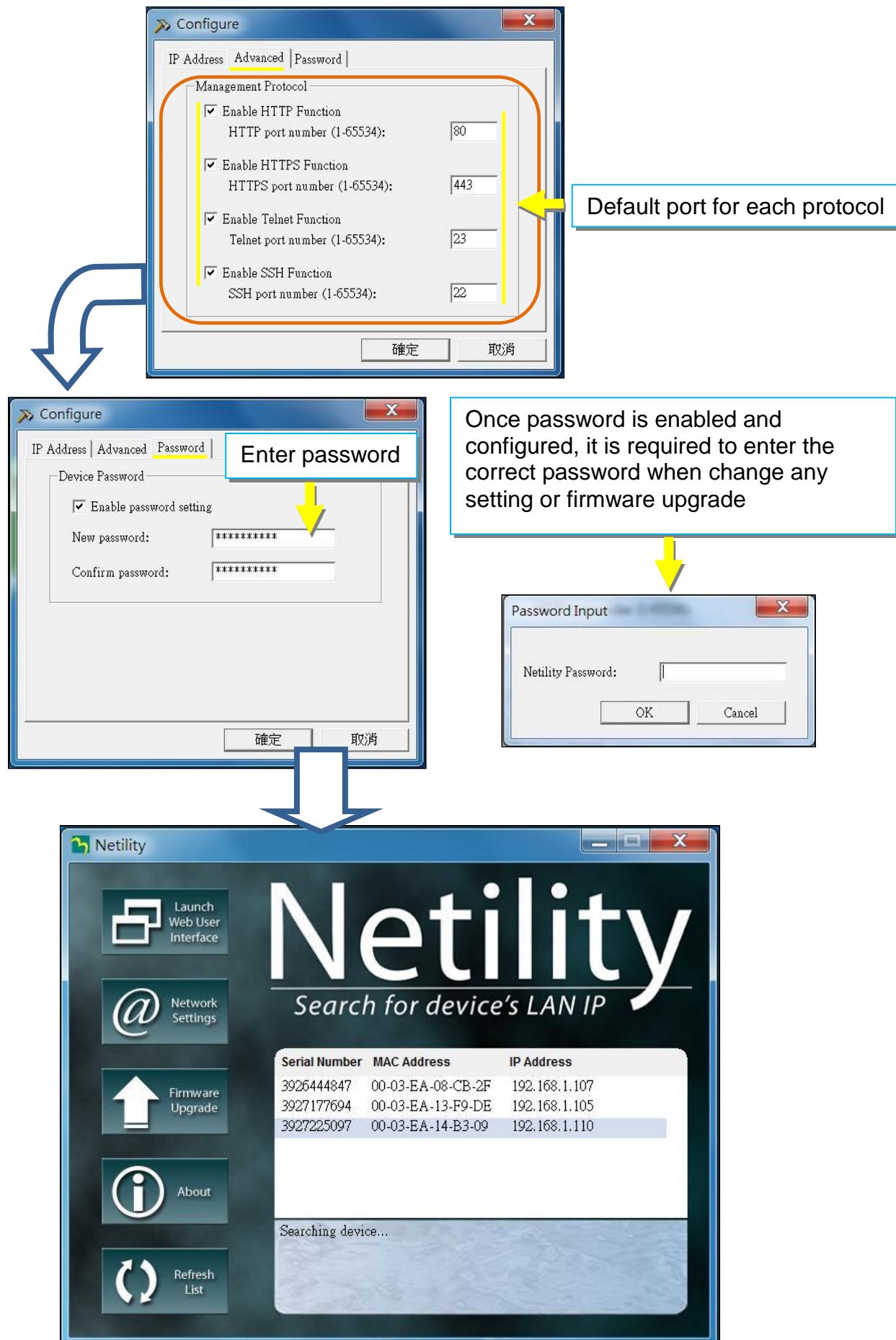
1.Click on NetAgent



## 2.2 Network Settings

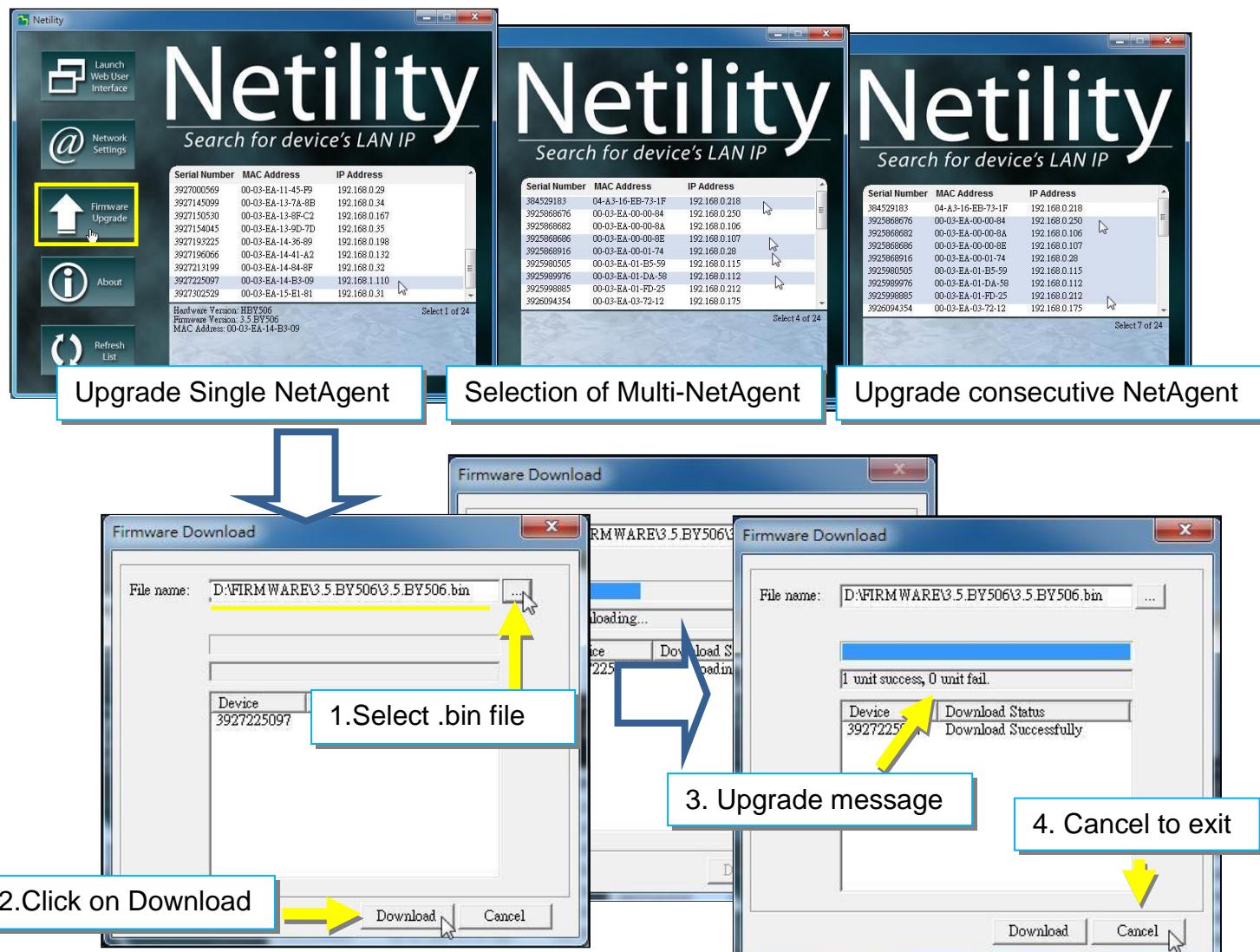
- When connecting the NetAgent for the first time, ensure IP address and other network setting are correctly entered in order to login to the NetAgent's webpage via browser or HyperTerminal
- When select to obtain IP address by DHCPO or BOOTP, IP address and other network parameter will be assign by 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





## 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.



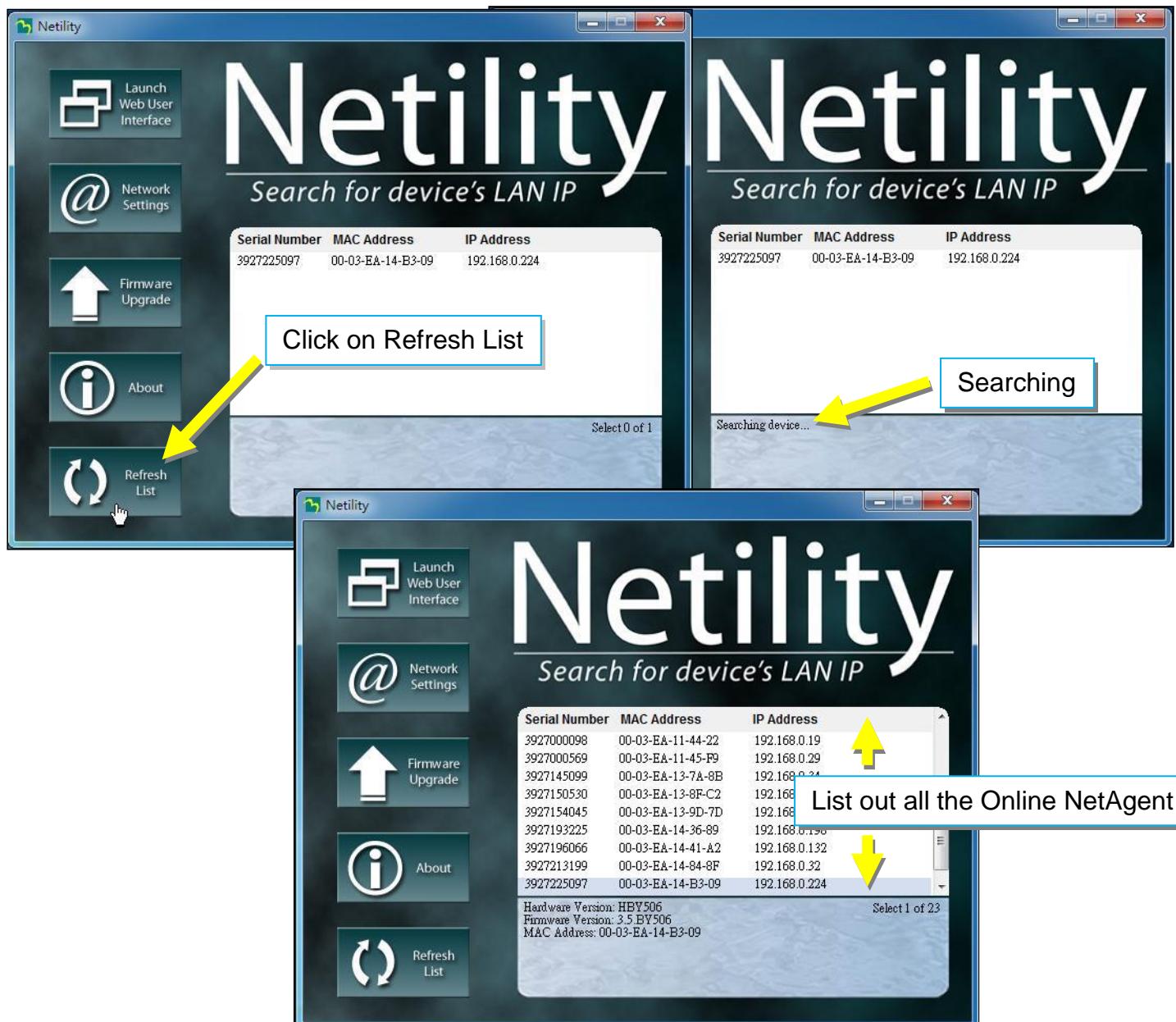
## 2.4 About

Here shows the current Netility verison



## 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 for a UPS Agent. The URL is <http://192.168.0.224/>. The main content area displays system information:

Hardware Version	HBY506	UPS Last Self Test	-
Firmware Version	3.5.BY506	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 06:22:30		
Uptime	23:47:34		

Below the table, there are two buttons: "Warning will be initiated 10 minute(s) before Scheduled Shutdown Event" and "Send Email for Daily Report (No)". A "Help" button is located at the bottom right.

The top right corner shows a "Latest Events" section with three entries:

- [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 for a system identified as BP506(TTEST). The URL is <http://192.168.0.106/>. The main content area displays system information:

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	BP506	UPS Critical Temperature	70.0 °C
System Contact	Administrator	UPS Critical Capacity	10 %
Location	TTEST		
System Time	2017/04/30 06:36:18		
Uptime	00:42:19		

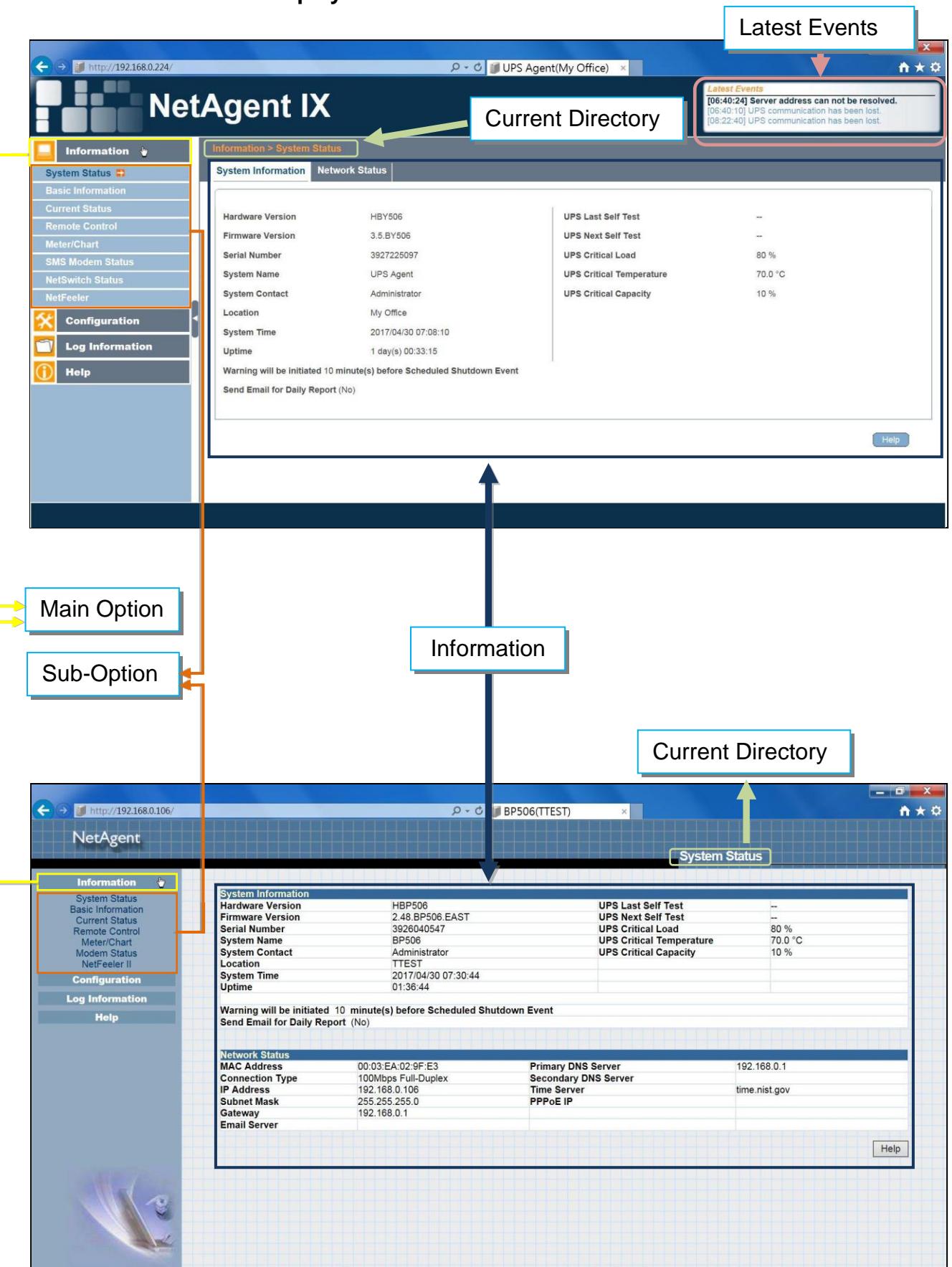
Below the table, there are two buttons: "Warning will be initiated 10 minute(s) before Scheduled Shutdown Event" and "Send Email for Daily Report (No)".

The bottom section displays network status:

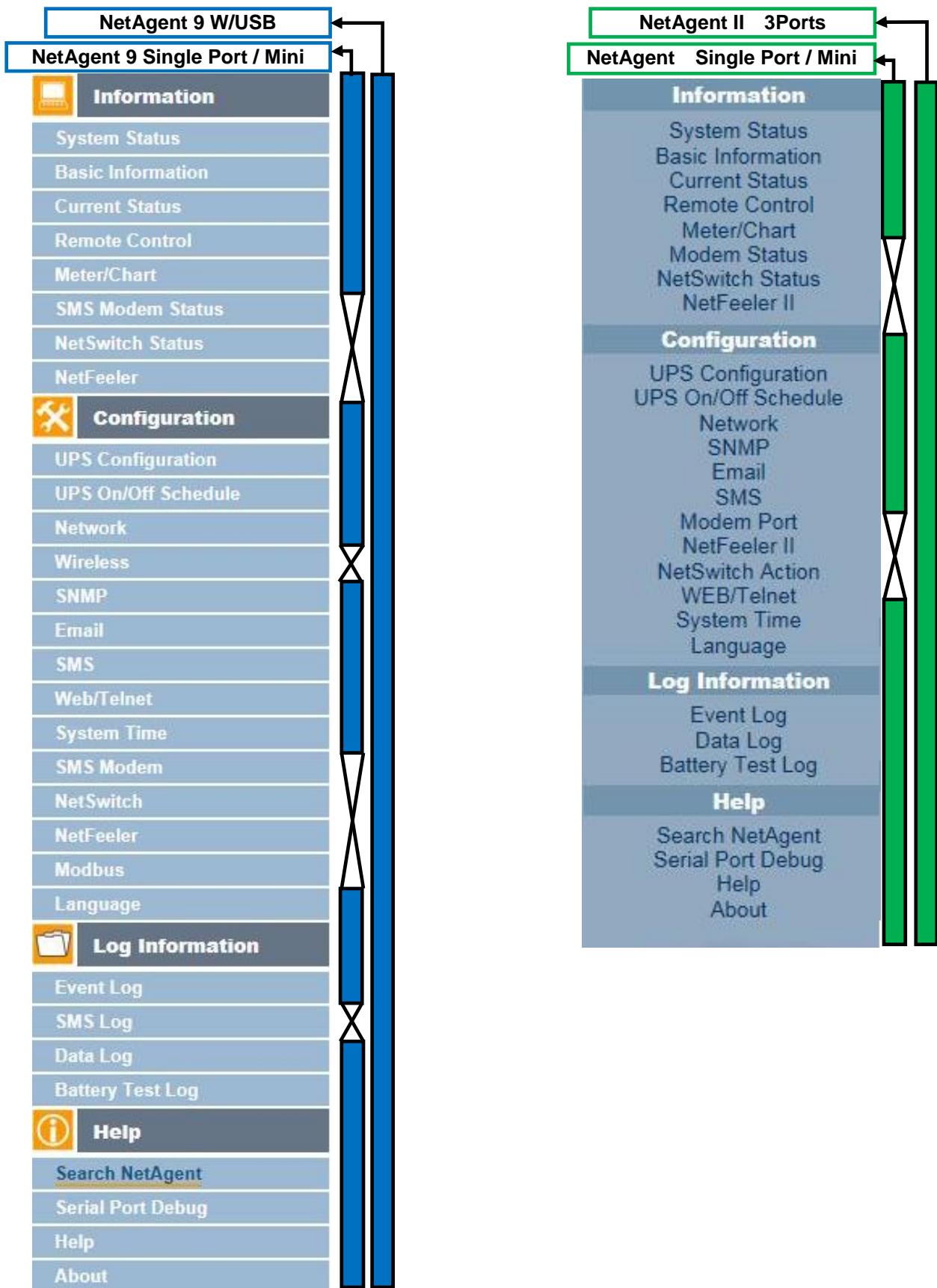
MAC Address	00:03:EA:02:9F:E3	Primary DNS Server	192.168.0.1
Connection Type	100Mbps Full-Duplex	Secondary DNS Server	time.nist.gov
IP Address	192.168.0.106	Time Server	
Subnet Mask	255.255.255.0	PPPoE IP	
Gateway	192.168.0.1	Email Server	

A "Help" button is located at the bottom right.

## ■ Web Interface Display



#### 4.4.2 NetAgent Option Directory Structure



### 4.4.3 NetAgent Setting Options

- Information > System Status
- System 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 'Information > System Status' page for NetAgent 9. The left sidebar has links for 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 tabs for System Information and Network Status. Under System Information, there are two columns of data:

Hardware Version	HBY506	UPS Last Self Test	--
Firmware Version	3.5.BY506	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, there is a warning message: "Warning will be initiated 10 minute(s) before Scheduled Shutdown Event" and a link "Send Email for Daily Report (No)". A 'Help' button is at the bottom right.

**NetAgent Mini & NetAgent II**

The screenshot shows the 'System Status' page for NetAgent Mini & NetAgent II. The left sidebar has links for Information (System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II), Configuration, Log Information, and Help. The main content area has tabs for System Information and Network Status. The System Information tab is highlighted with a yellow oval. It contains the same data as the previous screenshot:

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, there is a warning message: "Warning will be initiated 10 minute(s) before Scheduled Shutdown Event" and a link "Send Email for Daily Report (No)". A 'Help' button is at the bottom right.

## ● 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

System Information	
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	

IPv6	
IP Address	fe80::203:eaaff:fe14:b309/64
LinkLocal Address	fe80::203:eaaff:fe14:b309/64
6to4 Address	
Gateway	
Primary DNS Server	
Secondary DNS Server	

### NetAgent Mini & NetAgent II

System Information			
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		

Network Status			
MAC Address	00:03:EA:02:9F:E3	Primary DNS Server	192.168.0.1
Connection Type	100Mbps Full-Duplex	Secondary DNS Server	192.168.0.1
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			

## ■ 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 shows the 'Information > Basic Information' page for NetAgent 9. The left sidebar has links for System Status, Basic Information (with a plus sign), Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, and NetFeeler. The main content area is titled 'Information > Basic Information' and contains three sections: 'UPS Information', 'Battery Information', and 'Rating Information'. The 'UPS Information' section shows Manufacturer: Megatec\_UPS, Firmware Version: 20170001, and Model: BEST\_UPS. The 'Battery Information' section shows Date of last battery replacement: 2016/01/01, Number of Batteries: 2, and Battery Charge Voltage: 2.267 V. The 'Rating Information' section shows Voltage Rating: 220.0 V, Frequency Rating: 50.0 Hz, and Battery Voltage Rating: 24.01 V. A 'Help' button is located at the bottom right.

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

### NetAgent Mini & NetAgent II

The screenshot shows the 'Basic Information' page for NetAgent Mini & NetAgent II. The left sidebar has links for 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'. The 'UPS Information' section shows Manufacturer: Megatec\_UPS, Firmware Version: 20170001, and Model: BEST\_UPS. The 'Battery Information' section shows Date of last battery replacement: 2006/01/01, Number of Batteries: 2, and Battery Charge Voltage: 2.267V. The 'Rating Information' section shows Voltage Rating: 220.0V, Frequency Rating: 50.0Hz, and Battery Voltage Rating: 24.01V. A 'Help' button is located at the bottom right.

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

## ■ 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

AC Status	
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

**Information > Current Status**

**Input Status**   **Output Status**   **Battery Status**

**Configuration**

**Log Information**

**Help**

### NetAgent Mini & NetAgent II

UPS 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	--

Refresh status every

**Information**

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

**Configuration**

**Log Information**

**Help**

**Current Status**

## ■ 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

**Information > Remote Control**

**UPS Testing**

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

**Miscellaneous**

- Turn off UPS when AC power Fails
- Put UPS in Sleep mode for  minute(s)
- Wake up UPS
- Reboot UPS
- UPS Buzzer On/Off

Select and Apply → **Apply** **Reset** **Help**

### NetAgent Mini & NetAgent II

**NetAgent** **Remote Control**

**Information**

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

**Configuration**

**Log Information**

**Help**

**UPS Testing**

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

**Miscellaneous**

- Turn off UPS when AC power Fails
- Put UPS in Sleep mode for  minute(s)
- Wake up UPS
- Reboot UPS
- UPS Buzzer On/Off

Select and Apply → **Apply** **Reset** **Help**

## ■ Information > Meter/Chart

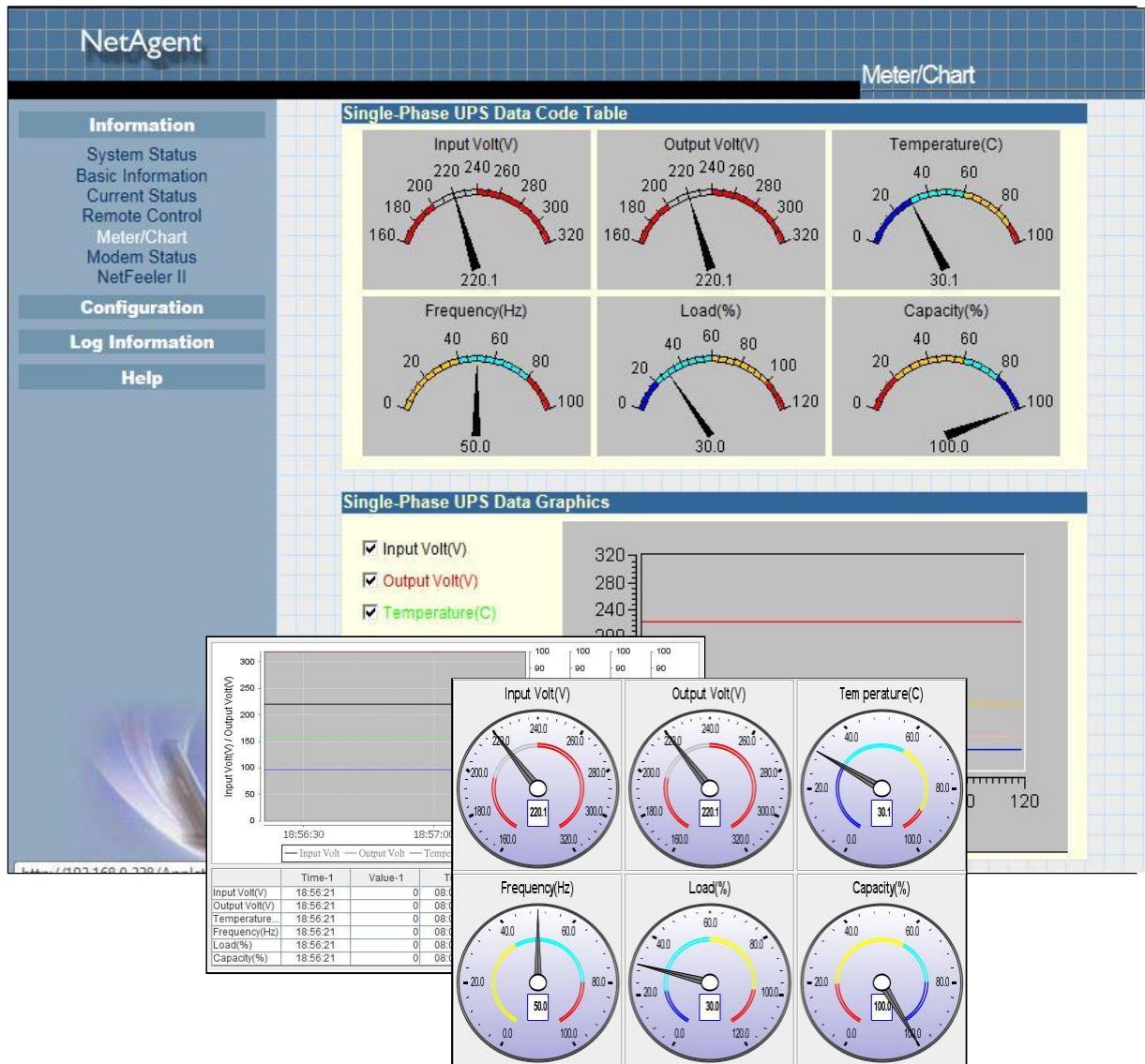
This is to show UPS Input, Output, Temperature, Frequency..etc in graphic or chart.  
Java is required.



### NetAgent 9 Mini & NetAgent 9

The screenshot shows the NetAgent 9 interface. On the left is a navigation menu with options: Information (System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, NetFeeler), Configuration, Log Information, and Help. The main area is titled "Information > Meter/Chart" and contains two tabs: "Single-Phase UPS Data Code Table" (selected) and "Single-Phase UPS Data Graphics". The "Graphics" tab is set to "Basic" mode. It displays several analog and digital meters and graphs. One graph shows "Input Volt(V)" from 160.0 to 320.0 with a value of 220.1. Another graph shows "Output Volt(V)" from 160.0 to 320.0 with a value of 220.1. A third graph shows "Temperature(C)" from 0 to 100 with a value of 30.1. Below these are six circular analog meters: Input Volt(V), Output Volt(V), Temperature(C), Frequency(Hz), Load(%), and Capacity(%). Each meter has a yellow warning band. A legend indicates that red means "Input Volt", green means "Output Volt", and blue means "Temperature". A table at the bottom left lists current values for various parameters like Input Volt(V), Output Volt(V), Temperature, Frequency, Load, and Capacity, all showing the value 18.56.21. A "Help" button is located at the bottom right of the graphics area.

## NetAgent Mini & NetAgent II



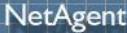
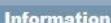
## ■ Information > SMS Modem Status

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

NetAgent 9

 <b>Information</b> System Status Basic Information Current Status Remote Control Meter/Chart <b>SMS Modem Status</b> + NetSwitch Status NetFeeler	 <b>Configuration</b>  <b>Log Information</b>  <b>Help</b>	<b>Information &gt; SMS Modem Status</b>  <b>Modem Information</b> Modem Manufacturer: SIEMENS Modem Model: MC55 Modem Firmware Version: REVISION 04.00  <b>GSM Modem Current Status</b> 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  <a href="#">Help</a>
---	---	---

NetAgent II 3 Ports

 <b>NetAgent</b>	<b>Modem Status</b>
 <b>Information</b> System Status Basic Information Current Status Remote Control Meter/Chart Modem Status NetFeeler II	 <b>Modem Information</b> Modem Manufacturer: SIEMENS Modem Model: MC55 Modem Firmware Version: REVISION 04.00   <b>GSM Modem Current Status</b> 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  <a href="#">Help</a>

## ■ 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**

Information > NetSwitch Status

NetSwitch Status and Control			
Select NetSwitch	Identification		
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
<b>All On</b>		<b>All Off</b>	

**Control Outlet**

**NetAgent II 3 Ports**

**NetSwitch Status**

NetAgent

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		
<b>All On</b>			<b>All Off</b>		

**Help**

## ■ Information > NetFeeler (NetFeeler II)

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

### NetAgent 9 3PORTS

The screenshot shows the 'Information > NetFeeler' page. On the left is a vertical menu bar with icons and labels: System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, NetFeeler (selected), Configuration, Log Information, and Help. The main content area has a header 'Information > NetFeeler'. Below it is a table titled 'NetFeeler Status' with the following data:

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

At the bottom right are 'Reset Alarm' and 'Help' buttons. A 'Refresh status every' dropdown menu at the bottom center is set to '5 seconds'.

### NetAgent II 3 Ports

The screenshot shows the 'Information > NetFeeler II' page. The layout is similar to the previous one, with a vertical menu on the left and a main content area on the right. The menu items are: System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II (selected), Configuration, Log Information, and Help. The main content area has a header 'NetAgent' and 'NetFeeler II'. Below it is a table titled 'NetFeeler II Status' with the following data:

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	

At the bottom right are 'Reset Alarm' and 'Help' buttons. A 'Refresh status every' dropdown menu at the bottom center is set to '10 seconds'.

- 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

The screenshot shows the 'Configuration > UPS Configuration' screen. On the left, there's a sidebar with 'Information', 'Configuration', 'UPS Configuration +', 'UPS On/Off Schedule', 'Network', 'SNMP', 'Email', 'SMS', and 'Web/Telnet'. The main area has tabs for 'UPS Properties', 'Test Log', and 'Warning Threshold Value'. Under 'UPS Properties', there are fields for 'UPS Communication Type' (set to 'MegaTec'), 'Number of Batteries' (set to '2'), 'Battery Full Charge Voltage (V)' (set to '2.267'), 'Battery Exhausted Charge Voltage (V)' (set to '1.667'), and 'Date of Last Battery Replacement (mm/dd/yyyy)' (empty). At the bottom right are 'Apply', 'Reset', and 'Help' buttons.

NetAgent Mini & NetAgent II

The screenshot shows the 'UPS Configuration' screen. The left sidebar includes 'Information', 'Configuration', 'UPS Configuration', 'UPS On/Off Schedule', 'Network', 'SNMP', 'Email', 'SMS', 'Modem Port', 'NetFeeler II', 'WEB/Telnet', 'System Time', and 'Language'. The main area has sections for 'UPS Properties' (with 'UPS Communication Type' set to 'MegaTec', 'Number of Batteries' to '2', 'Battery Full Charge Voltage (V)' to '2.267', and 'Battery Exhausted Charge Voltage (V)' to '1.667'), 'UPS Recorded' (with 'UPS Data Log' set to '1 minute'), 'Test UPS' (with 'Test UPS every' set to 'None' and 'Start Time of UPS Test (hh:mm)' and 'UPS Test Type' both set to '10-Second Test'), and 'Warning Threshold Value' (with 'Time out after loss of connection' set to '30 seconds', 'Critical Load (%)' to '80', 'Critical Temperature (°C)' to '70.0', and 'Critical Capacity (%)' to '10'). At the bottom right are 'Apply', 'Reset', and 'Help' buttons.

- 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

The screenshot shows the 'Configuration > UPS Configuration' page. On the left is a sidebar with icons for Information, Configuration, UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Web/Telnet, System Time, SMS Modem, and NetSwitch. The main area has tabs for UPS Properties, Test Log (which is selected), and Warning Threshold Value. Under 'Test UPS', 'Test UPS every' is set to 'None', 'Start Time of UPS Test (hh:mm)' is empty, and 'UPS Test Type' is '10-Second Test'. Under 'UPS Recorder', 'UPS Data Log' is set to '1 Minute(s) (0 = Stop Recording)'. At the bottom are 'Apply', 'Reset', and 'Help' buttons.

### NetAgent Mini & NetAgent II

The screenshot shows the 'UPS Configuration' page. On the left is a sidebar with icons for Information, Configuration, Log Information, and Help. The main area has sections for 'UPS Properties', 'UPS Recorded', 'Test UPS', and 'Warning Threshold Value'. A yellow box highlights the 'Test UPS' section, which includes fields for 'Test UPS every' (set to 'None'), 'Start Time of UPS Test (hh:mm)', and 'UPS Test Type' ('10-Second Test'). The 'Warning Threshold Value' section includes fields for 'Time out after loss of connection' (set to '30 seconds'), 'Critical Load (%)' (set to '80'), 'Critical Temperature (°C)' (set to '70.0'), and 'Critical Capacity (%)' (set to '10'). At the bottom are 'Apply', 'Reset', and 'Help' buttons.

- 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 'Configuration > UPS Configuration' screen. On the left is a vertical menu with options like Information, Configuration, UPS Configuration, etc. The main area has tabs for 'UPS Properties', 'Test Log', and 'Warning Threshold Value'. The 'Warning Threshold Value' tab is active. It contains four input fields: 'Time out after loss of connection' (set to 30 seconds), 'Critical Load (%)' (set to 80), 'Critical Temperature (°C)' (set to 70.0), and 'Critical Capacity (%)' (set to 10). At the bottom are 'Apply', 'Reset', and 'Help' buttons.

### NetAgent Mini & NetAgent II

The screenshot shows the 'NetAgent' configuration interface with a blue header 'UPS Configuration'. The left sidebar includes 'Information', 'Configuration' (with 'UPS Configuration' selected), 'Log Information', and 'Help'. The main area has sections for 'UPS Properties', 'UPS Recorded', 'Test UPS', and 'Warning Threshold Value'. A yellow box highlights the 'Warning Threshold Value' section, which contains the same four configuration fields as the previous interface: 'Time out after loss of connection' (30 seconds), 'Critical Load (%)' (80), 'Critical Temperature (°C)' (70.0), and 'Critical Capacity (%)' (10). At the bottom 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

**Event schedule list**

No.	During Time Interval(HH:MM)	Event	Delay Time (Min)	[Delete]
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]

**NetAgent Mini & NetAgent II**

**UPS On/Off Schedule**

**UPS Action**

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

No.	During Time Interval(HH:MM)	Event	Delay Time (Min)	[Delete]
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)

**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

The screenshot shows the NetAgent 9 configuration interface. The left sidebar includes links for Information, Configuration (UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Web/Telnet, System Time, SMS Modem, NetSwitch, NetFeeler, Modbus, Language, Log Information, and Help). The main panel title is "Configuration > UPS On/Off Schedule". Below it are tabs for UPS Action, Weekly Schedule (which is selected), Date Schedule, and Wake On Lan. The "Weekly Schedule" section contains two columns: "Turn On (hh:mm)" and "Turn Off (hh:mm)". The schedule is as follows:

Day	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

A note at the bottom states: "Warning will be initiated [10 minutes] before Scheduled Shutdown Event". At the bottom right are "Apply", "Reset", and "Help" buttons.

### NetAgent Mini & NetAgent II

The screenshot shows the NetAgent Mini & NetAgent II configuration interface. The left sidebar includes links for Information, Configuration (UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, Language, Log Information, and Help). The main panel title is "UPS On/Off Schedule". It features two sections: "Weekly Schedule" and "Date Schedule".

**Weekly Schedule:**

Day	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)
[Empty]	[Empty]	[Empty]

A note at the bottom states: "Warning will be initiated [10 minutes] before Scheduled Shutdown Event". At the bottom right are "Apply", "Reset", and "Help" buttons.

- 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

The screenshot shows the NetAgent 9 configuration interface. The left sidebar has links for Information, Configuration, UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Web/Telnet, System Time, SMS Modem, NetSwitch, NetFeeler, Modbus, Language, Log Information, and Help. The main area shows the 'Configuration > UPS On/Off Schedule' page with tabs for UPS Action, Weekly Schedule, Date Schedule (selected), and Wake On Lan. The Date Schedule table lists dates from 2017/05/06 to 2017/12/31 with corresponding turn-on and turn-off times. A note at the bottom says 'Warning will be initiated [10 minutes] before Scheduled Shutdown Event' with a dropdown menu. Buttons for Apply, Reset, and Help are at the bottom right.

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

The screenshot shows the NetAgent Mini & NetAgent II configuration interface. The left sidebar has links for Information, Configuration, UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, Language, Log Information, and Help. The main area shows the 'UPS On/Off Schedule' page with tabs for Date Schedule (selected), Wake On Lan, and other sections. The Date Schedule table lists dates from 2017/05/06 to 2017/12/31 with corresponding turn-on and turn-off times. A note at the bottom says 'Warning will be initiated [10 minutes] before Scheduled Shutdown Event'. Below it is a 'Wake On Lan' table for Host1 to Host7 with IP and MAC fields and Test buttons. Buttons for Apply, Reset, and Help are at the bottom right.

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

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

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**

1. IP Address of the PC

2. Click 【Apply.】

3. MAC address will be automatically searched

4. 【Test】

Condition to wake UPS

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

**General Settings**

Host1	IP: 192.168.1.5	MAC: 00:18:F3:91:A3:C4	Test
Host2	IP: 192.168.1.4	MAC: 00:03:EA:08:2D:EF	Test
Host3	IP:	MAC:	Test
Host4	IP:	MAC:	Test
Host5	IP:	MAC:	Test
Host6	IP:	MAC:	Test
Host7	IP:	MAC:	Test
Host8	IP:	MAC:	Test

**Miscellaneous**

Wake up remote host after power restore  
 Wait until battery capacity reaches to  %.

**Condition to wake UPS**

**Apply** **Reset** **Help**

**NetAgent Mini & NetAgent II**

**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  before Scheduled Shutdown Event

**Wake On Lan**

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

**Miscellaneous**

Wake up remote host after power restore  
 Wait until battery capacity reaches to  %.

**Apply** **Reset** **Help**

## ■ Configuration > Network

This page is to set NetAgent Network settings.

### ● IPv4

NetAgent and DNS IP address can be obtain 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

Manually  
Using DHCP  
Using Bootp

Manually  
Automatically

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

Manually  
Using DHCP  
Using Bootp

## ● 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 <input checked="" type="radio"/>
Router Discovery Autoresend	Yes <input type="radio"/>
Maximum Number of IPv6 Prefix	8 <input type="checkbox"/>
Multicast Address	[FF1E::1] : 5000

**DNS Server IP**

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

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

Automatic  
Stateless DHCPV6  
DHCPV6  
Manual

Apply Reset Help

**Information > System Status**

System Status + Basic Information Current Status Remote Control Meter/Chart SMS Modem Status NetSwitch Status NetFeeler

System Information Network Status

<b>Ethernet</b>	<b>General</b>
MAC Address 00:03:EA:14:B3:09	Email Server
Connection Type 100Mbps Full-Duplex	Time Server time.nist.gov
PPPoE IP	
PPPoE IPv6	

<b>IPv4</b>	<b>IPv6</b>
IP Address 192.168.1.100	IP Address 2001:b011:200b:14f4:203:eaaff:fe14:b309/64 2001:b011:200b:14f4:49ad:ddeb:7f2e:6b5a/64
Subnet Mask 255.255.255.0	LinkLocal Address fe80::203:eaaff:fe14:b309/64
Gateway 192.168.1.1	6to4 Address fe80::16d6:4dff:fe33:e962
Primary DNS Server 168.95.1.1	Gateway fe80::16d6:4dff:fe33:e962
Secondary DNS Server 8.8.8.8	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

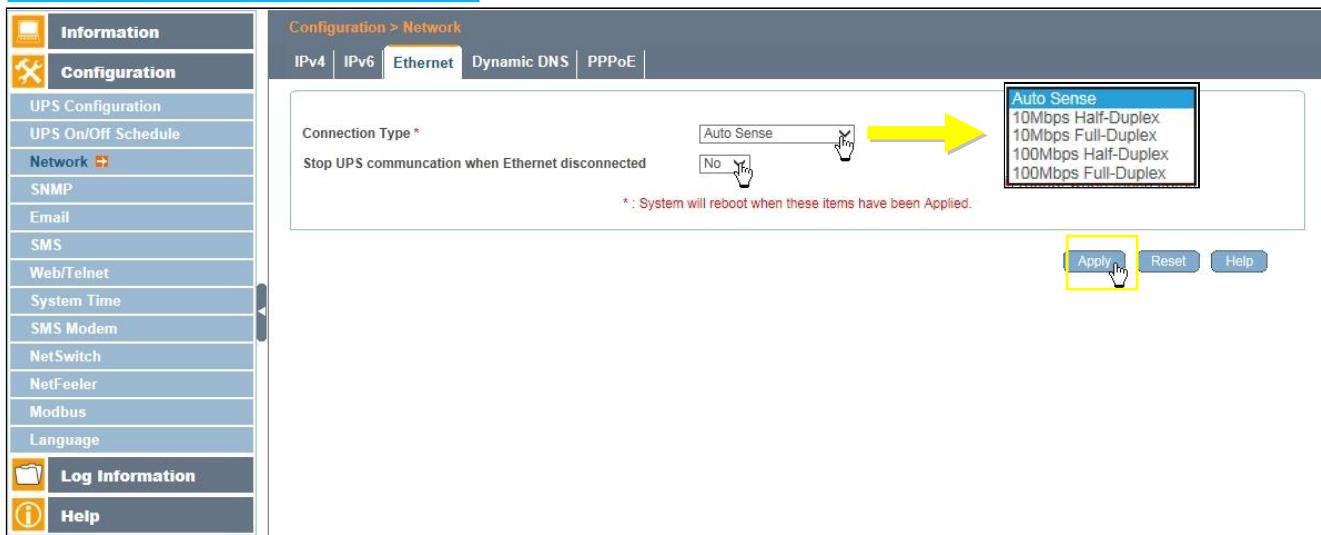
This section is to set communication speed between NetAgent and Network.

※Once click on Apply, NetAgent will reboot

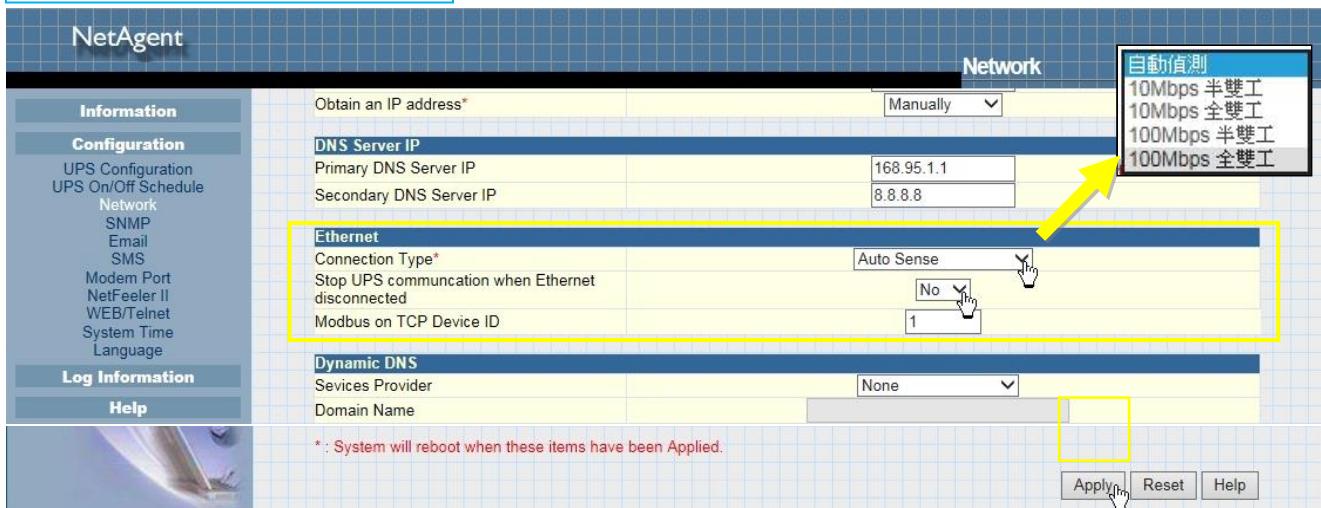
### Stop UPS communication when Ethernet disconnected

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

### NetAgent 9 Mini & NetAgent 9



### NetAgent Mini & NetAgent II



- 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

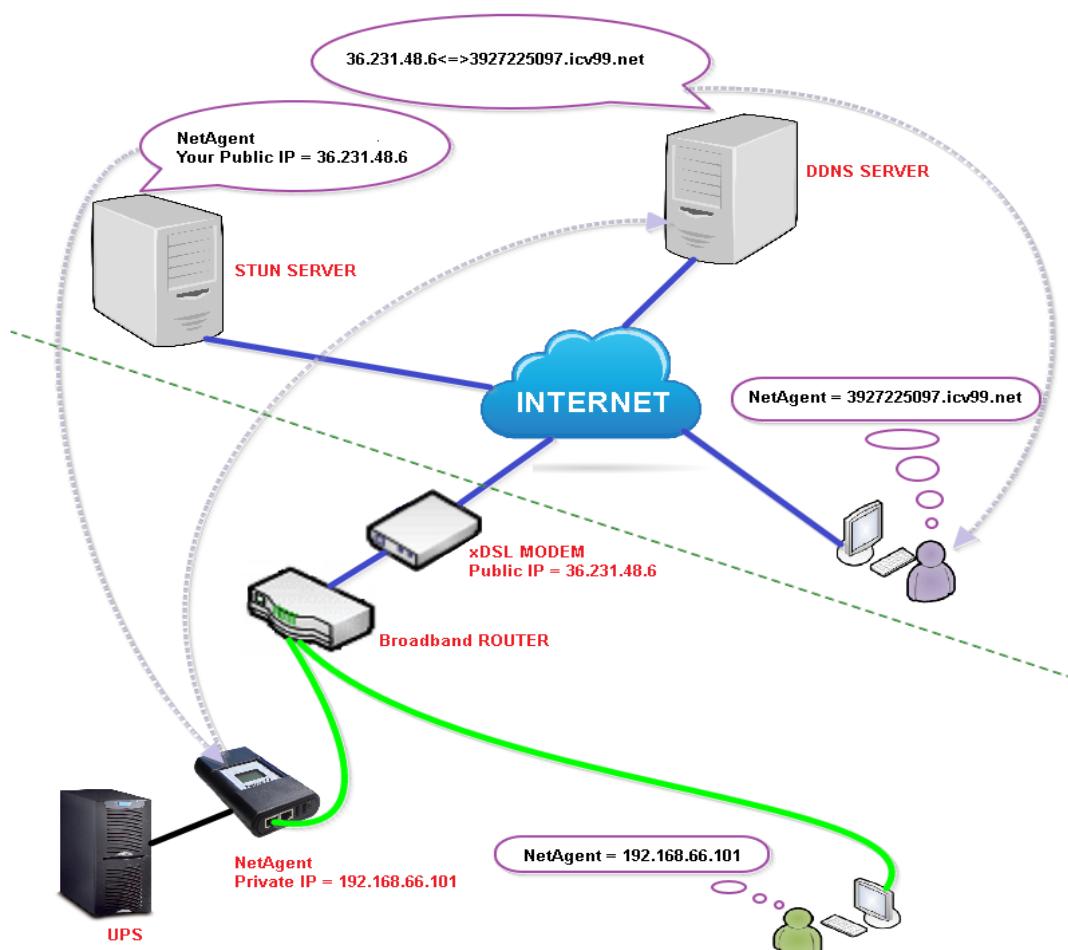
This is the Login / Account name that you have created with the selected DDNS provider.

Login Password:

Enter the Password you have assigned to your DDNS Account.

Use external STUN server to get Public IP to register

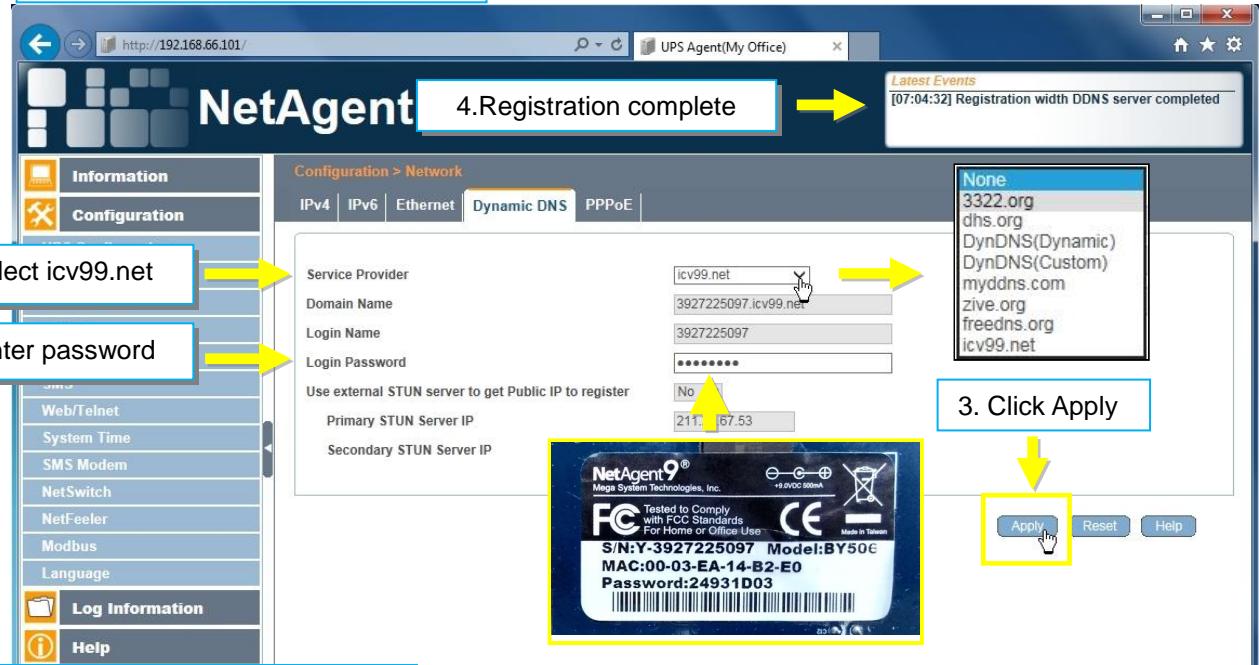
Choose **Yes** to ensure that NetAgent uses the WAN / Public IP to update the selected DDNS server



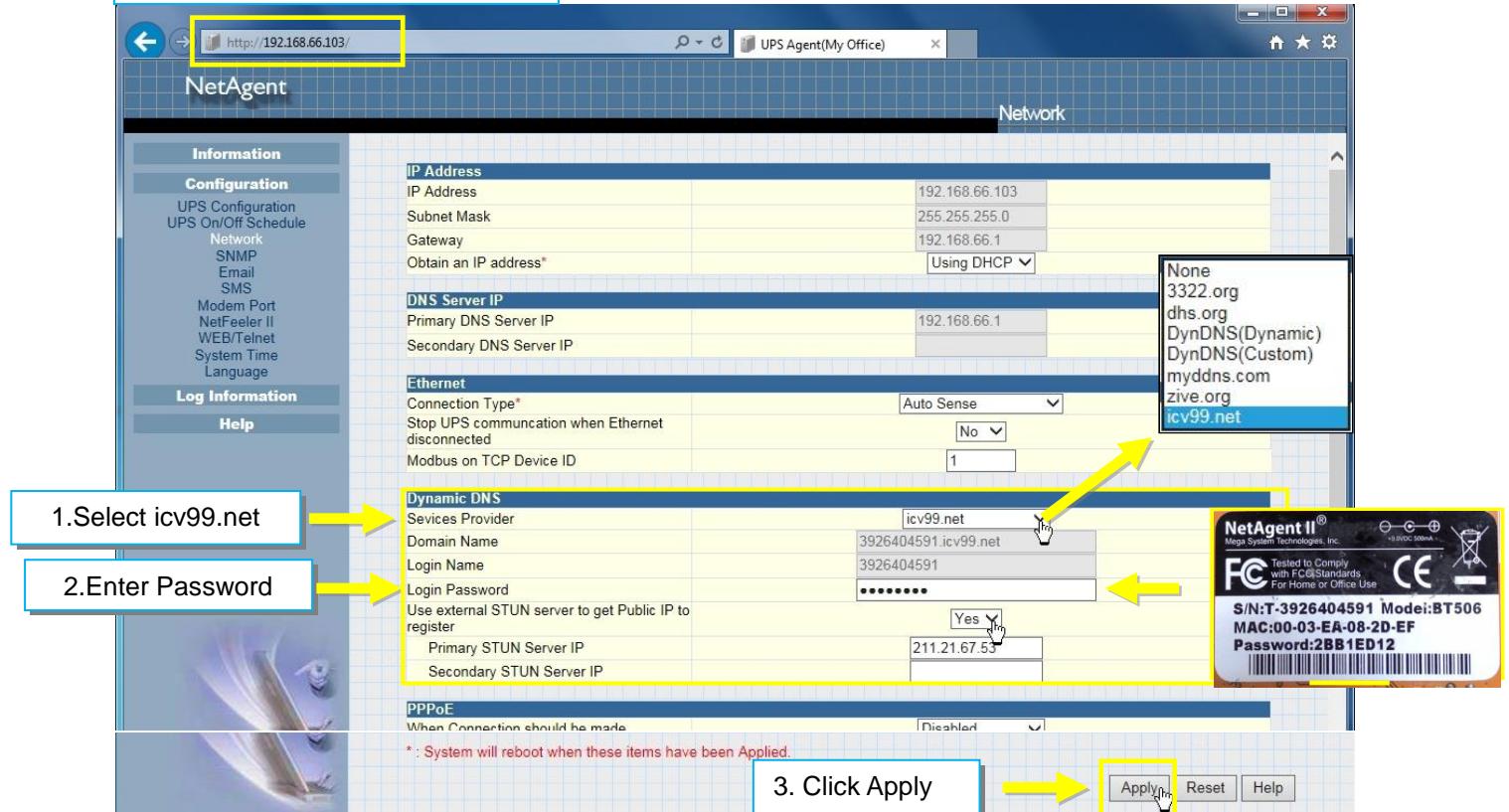
If to use iCV99.net as Service Provide which host by Megatec, instruction as below:

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



### NetAgent Mini & NetAgent II



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**

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

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

**NetAgent 9 Mini & NetAgent 9**

**NetAgent IX**

**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				50.0 Hz

**Latest Events**

- [11:31:01] UPS Load Normal (10%)
- [11:30:52] UPS Load Overrun (100%)
- [11:30:40] UPS communication has been established.

**NetAgent Mini & NetAgent II**

**NetAgent**

**Information**

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

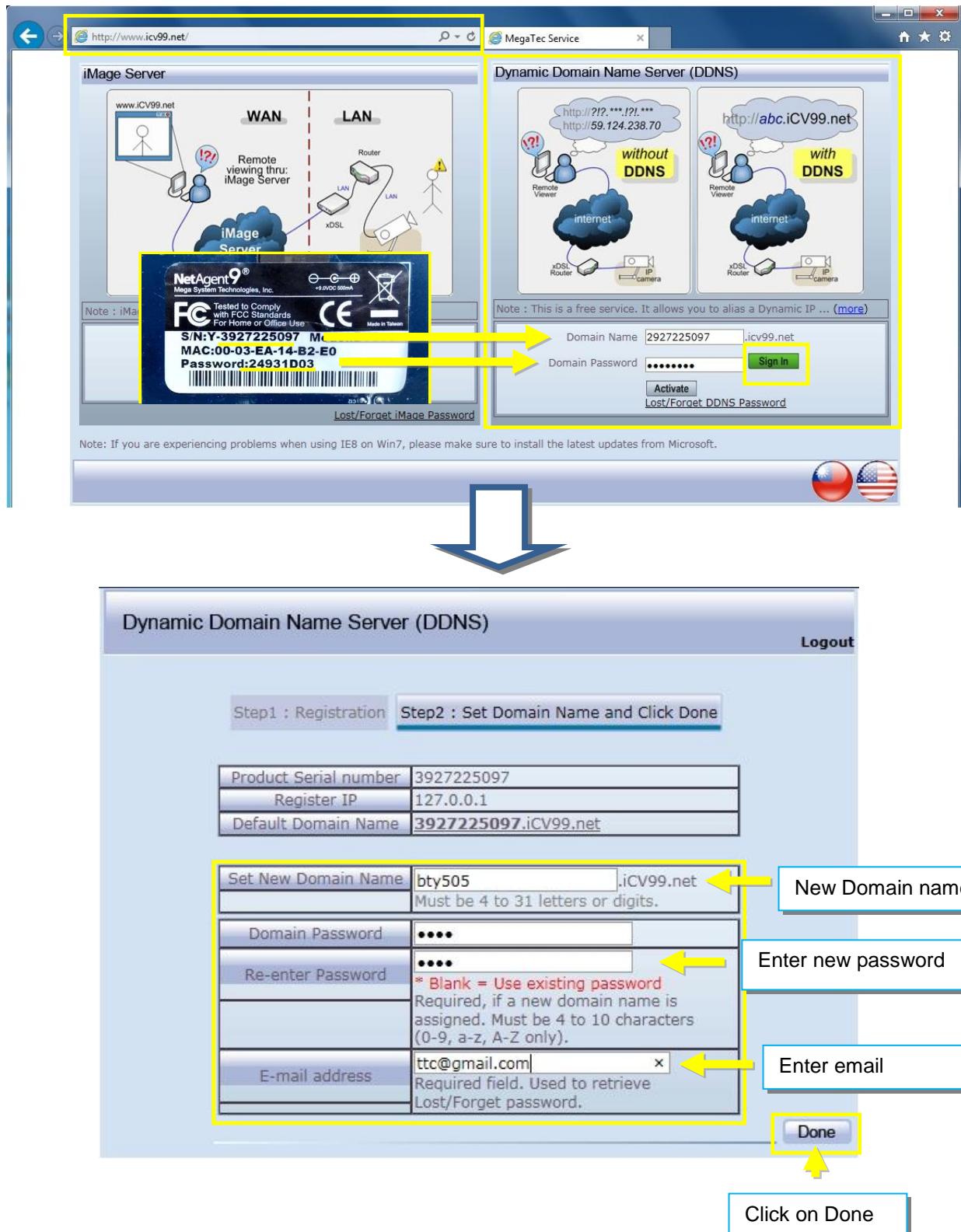
**Output Status**

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)



- 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  
 Connect always  
Login Name: 87742936@hinet.net  
Login Password:   
Enter Password  
Apply | Reset | Help

**NetAgent Mini & NetAgent II**

NetAgent

Network

Information Configuration  
UPS Configuration  
UPS On/Off Schedule  
Network  
SNMP  
Email  
SMS  
Web/Telnet  
System Time  
SMS Modem

Log Information Help

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  
Service 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  
 Connect always  
Login Name: 87742936@hinet.net  
Login Password:   
\* : System will reboot when these items have been Applied.  
Enter Password  
Apply | Reset | Help

## ■ 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**

SSID	MAC Address	Network Security	Auth(Enc)	Signal(%)
Megatec_Radius1	00:90:cc:f4:98:98	Secure Network	WPA(2) (AES )	Full Signal
DASAN_GONT	00:d0:cb:ef:06:22	Secure Network	WPA2-PSK (AES )	Full Signal
T1_WiFi	14:d6:4d:33:e9:62	Secure Network	WPA2-PSK (TKIP )	Full Signal

The screenshot shows the 'Configuration > Wireless' page. On the left is a sidebar with icons for Information, Configuration, UPS Configuration, UPS On/Off Schedule, Network, Wireless (selected), SNMP, Email, SMS, Web/Telnet, System Time, SMS Modem, NetSwitch, NetFeeler, Modbus, Language, Log Information, and Help. The main area has tabs for AP Setting, IPv4, and IPv6. A table lists wireless networks:

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

Below the table are fields for SSID (T1\_WIFI), Authentication (WPA2-PSK), WPA Encryption (TKIP), and WPA Key (red placeholder). Buttons for Scan, Select, Apply, Reset, and Help are at the bottom. A blue box labeled '7. Connected' with an arrow points to the selected row in the table.

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

The screenshot shows the 'Information > System Status' page. The sidebar is identical to the previous one. The main area has tabs for System Information, Network Status, and Wireless Status (selected). The Wireless Status section contains two tables: Ethernet and General.

Ethernet		General	
MAC Address	54:E6:FC:90:17:EC	Primary DNS Server	192.168.66.1
		Secondary DNS Server	

IPv4		IPv6	
IP Address	192.168.66.103	IP Address	
Subnet Mask	255.255.255.0	LinkLocal Address	fe80::56e6:fcff:fe90:17ec/64
Gateway	192.168.66.1	Gateway	

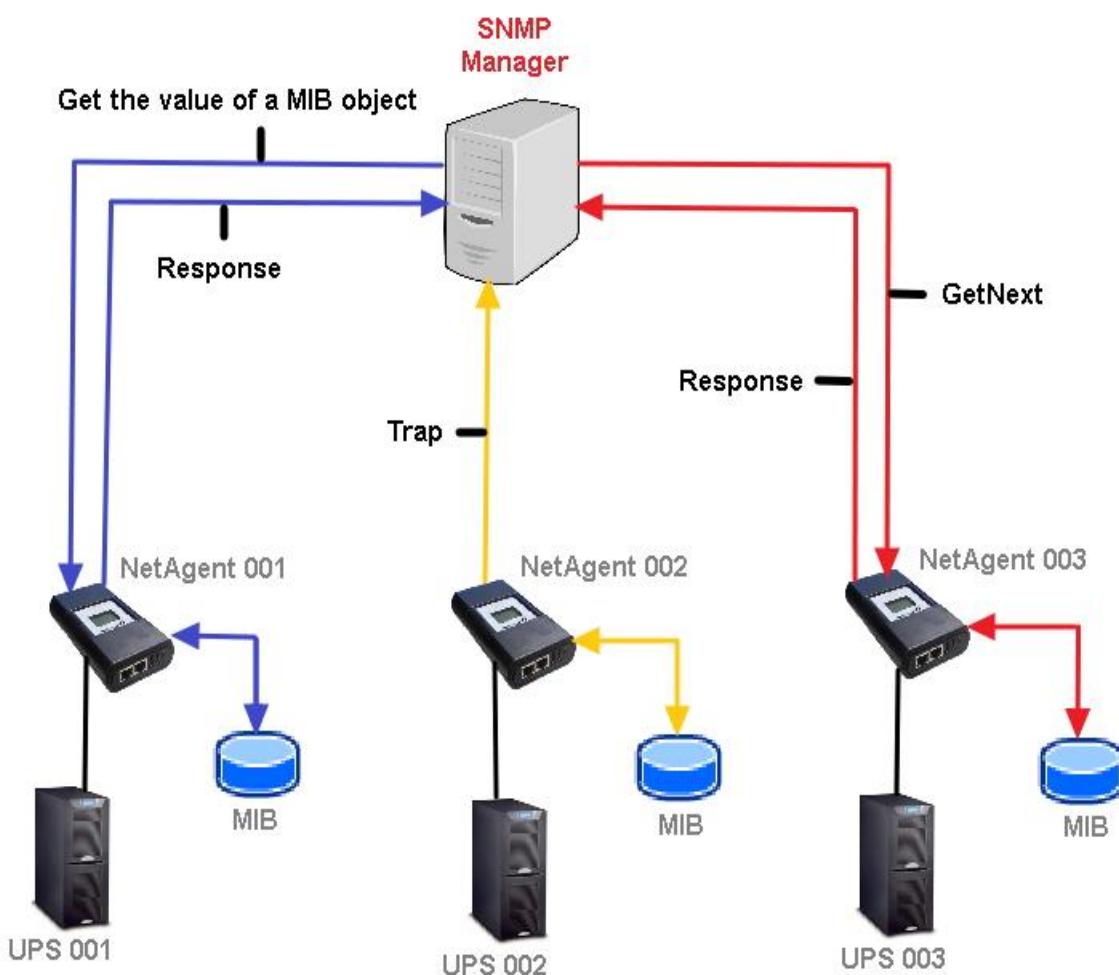
Buttons for Help are at the bottom right of each table.

## ■ 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
NetAgent 9 & Mini	✓	✓	✓
NetAgent II & Mini	✓	✓	



- 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 NetAgnet 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

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

Configuration > SNMP

General    Access Control    Trap Notification    Device Connected

**MIB System**

System Name	UPS Agent
System Contact	Administrator
System Location	My Office

**SNMP UDP Port**

NetAgent SNMP Port	161
Trap Receive Port	162

**SNMPv3 Engine ID**

SNMPv3 Engine ID Format Type *	MAC Address
SNMPv3 Engine ID Text	80003461030003ea14b309

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

**Buttons:** Apply    Reset    Help

## NetAgent Mini & NetAgent II

### ● 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

## NetAgent Mini & NetAgent II

The screenshot shows the NetAgent II software interface. On the left, there's a sidebar with 'Information', 'Configuration' (selected), 'Log Information', and 'Help'. The main area has tabs for 'SNMP' and 'Network'. Under 'Configuration', there are links for UPS Configuration, UPS On/Off Schedule, Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, and Language. The 'SNMP' tab is active. In the center, there's a table for 'MIB System' with columns for System Name (UPS Agent), System Contact (Administrator), and System Location (My Office). Below it is a larger table for 'Access Control' with columns for Manager IP Address, Community, Permission, and Description. The 'Trap Notification' button is highlighted with a yellow box at the bottom right.

- 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)

The diagram illustrates the configuration process for sending Power Restore and Adapter Restore Traps. It consists of several windows and a summary table:

- Summary Table:**

No	SNMPv1 Trap	SNMPv2 Trap	SNMPv2 Inform	SNMPv3 Trap	SNMPv3 Inform
PPC	RFC1628	Information	Warning	Severe	
- Trap Notification Table:**

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	5F IDC	Select Test
192.168.66.45	SNMPv2 Trap	public	PPC	Warning	5F 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
192.168.66.211	SNMPv1 Trap	public	PPC	Warning	11F IDC	Select Test
192.168.66.234	SNMPv3 Inform	public	PPC	Information	12F IDC	Select Test
- SNMP Inform Request Form:**

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

Number of Retries: 3  
Timeout (sec): 5
- SNMPv3 Trap Settings:**

User Name: admin1028	Authentication Protocol: MD5	Privacy Protocol: DES	None MD5 SHA
Authentication Password: *****			
Privacy Password: *****			
- Select Event Dialog:**

Select Event	
UPS Events	NetFeeler II
Schedule Shutdown Event	YES NO
UPS Failure	Smoke Alarm (radio button)
UPS entering Test mode	Water Alarm (radio button)
UPS entering Sleeping mode	Gas Alarm (radio button)
UPS entering Boost mode	Security Alarm (radio button)
UPS Load Overrun	Environmental Temperature Overrun (radio button)
UPS Communication Lost	Environmental Temperature Underrun (radio button)
Turn Off UPS	Environmental Humidity Overrun (radio button)
AC Power Failed	Environmental Humidity Underrun (radio button)
UPS Battery Low	
UPS Temperature Overrun	
UPS Capacity Underrun	
UPS entering Bypass mode	

## 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**

**PPC**  
RFC1628

**Information**  
**Warning**  
**Severe**

**No**  
SNMPv1 Trap  
SNMPv2 Trap  
SNMPv2 Inform

**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	Timeout (sec)
3	5

**Device Connected**

Device	Rating (%)	Connected
	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

The screenshot shows the 'Configuration > SNMP' section of the NetAgent 9 interface. The 'Device Connected' tab is selected. A table lists four connected devices with their ratings and connection status:

	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 ✓

Buttons at the bottom include 'Apply', 'Reset', and 'Help'.

### NetAgent Mini & NetAgent II

The screenshot shows the 'NetAgent' configuration interface. The 'SNMP' section displays a table of trap configurations:

Destination IP Address	Community	Trap Type	Severity	Trap Opt.	Description	Actions
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

A note below the table says: "Send Power Restore and Adapter Restore Traps for 2 time(s) in 5 second(s) interval."

The 'Device Connected' section is highlighted with a yellow box and contains the same data as the NetAgent 9 screenshot:

	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 ✓

The 'SNMP UDP Port' section shows 'NetAgent SNMP Port\*' set to 161 and 'Trap Receive Port\*' set to 162.

A note at the bottom left says: "\* : System will reboot when this item has been Applied."

Buttons at the bottom right include 'Apply', 'Reset', and '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 Tab):**

- Email Server: smtp.gmail.com
- Email Port: 465
- Enable SSL on Email Transmission: SSL/TLS (highlighted by a yellow arrow)
- Sender's Email Address: ttc@gmail.com
- Email Server Requires Authentication: YES
- Account Name: ttc
- Password: \*\*\*\*\*
- Sending test mail:

**Configuration > Email (Email for Event Log Tab):**

- 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:

**NetAgent IX Main Interface:**

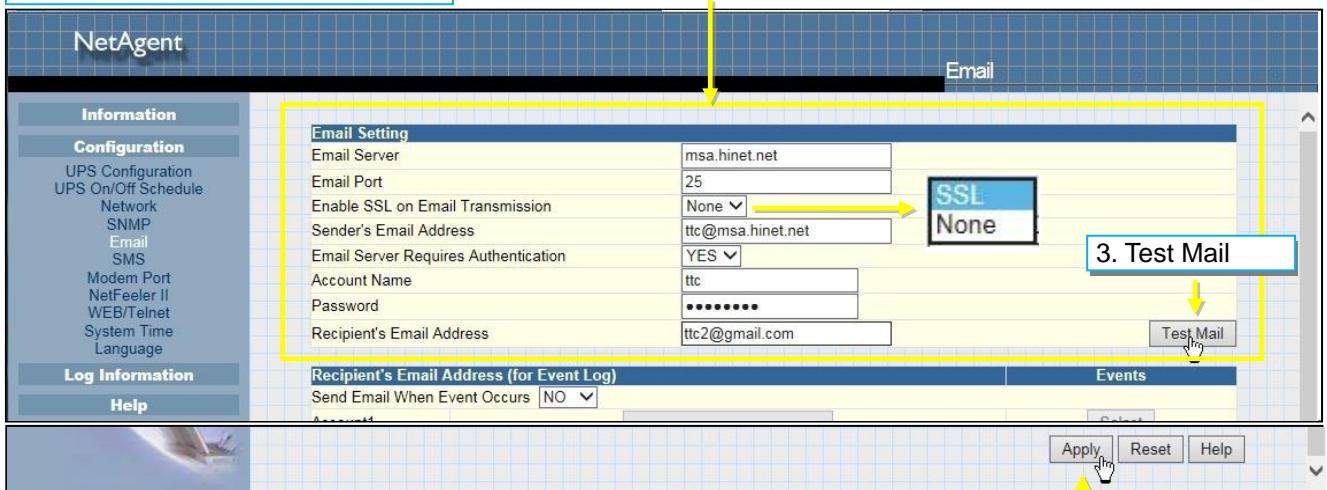
- Latest Events: [08:19:06] Mail has been sent (highlighted by a yellow box)
- Mail Sent (highlighted by a blue box)

**Test Email Received:**

UPS Agent(192.168.66.106):This is a test email  
 ttc@gmail.com <ttc@gmail.com>  
 寄给我  
 If you received this test mail,it means that your mail settings are correct.

## NetAgent Mini & NetAgent II

### 1. Enter Mail Server



### Test Email Received

### 2. Click on Apply



- 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

Event Type	UPS Events	NetFeeler II	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"/>
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 Mini & NetAgent II

Event Type	UPS Events	NetFeeler II	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			<input checked="" type="radio"/>	<input type="radio"/>
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"/>

- 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

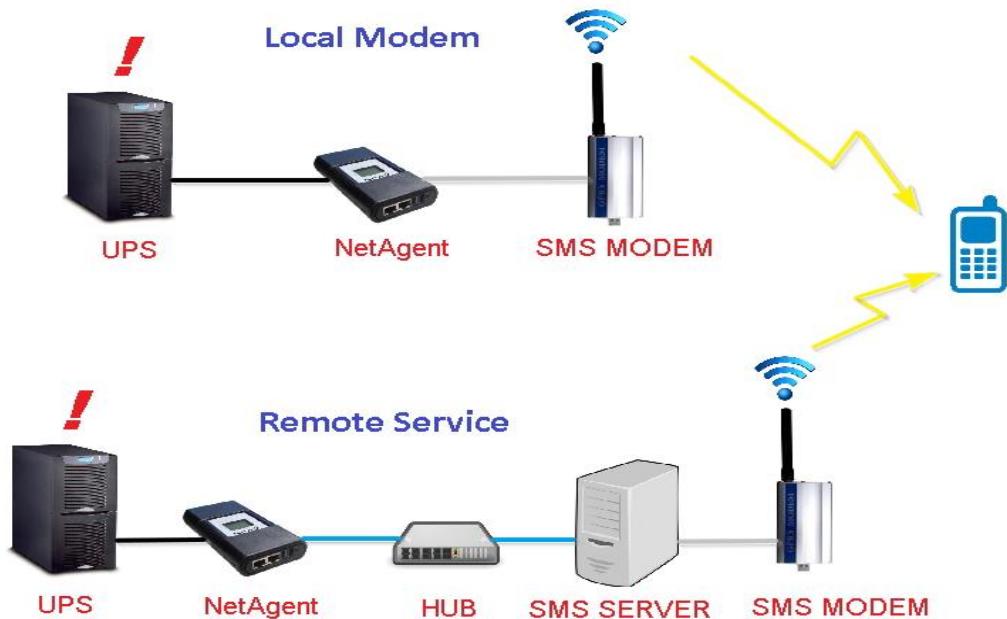
The screenshot shows the 'Configuration > Email' screen. The 'Email for Daily Report' tab is active. On the left is a navigation menu with options like Information, Configuration, Log Information, and Help. The main area displays four email accounts (Account1 to Account4) with their respective addresses: afra@gcmail.com, dawn@yahoo.com.tw, novia@supa.com, and elma.lee@msa.hinet.net. Below these is a setting for 'Send Email for Daily Report (hh:mm)' with a dropdown menu showing 'YES' and a time field 'at 23:59'. At the bottom right are 'Apply', 'Reset', and 'Help' buttons, with 'Apply' being highlighted with a yellow box and a cursor icon.

### NetAgent Mini & NetAgent II

The screenshot shows the 'Email' configuration screen for NetAgent Mini & NetAgent II. The left sidebar includes 'Information', 'Configuration', 'Log Information', and 'Help'. The main area has sections for 'Recipient's Email Address' (with fields for Sender's Email Address, Email Server Requires Authentication, Account Name, Password, and Recipient's Email Address), 'Recipient's Email Address (for Event Log)' (with a 'Send Email When Event Occurs' dropdown set to 'YES'), and 'Recipient's Email Address (for Daily Report)' (with a 'Send Email for Daily Report (hh:mm)' dropdown set to 'YES' at '23:59'). There are also checkboxes for 'Send Email when Event Log overflows (500 records)' and 'Send Email when Data Log overflows (500 records)'. At the bottom right are 'Apply', 'Reset', and 'Help' buttons, with 'Apply' being highlighted with a yellow box and a cursor icon. A URL 'http://192.168.66.103/mailsetting.htm' is visible at the bottom left.

## ■ 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

**Local Modem Configuration:**

- 1. Select Local Modem: Set "Send SMS When Event Occurs" to "Use Local Modem".
- 2. Click Apply: Click the "Apply" button.
- 3. Enter Mobile Number: Enter the mobile number "0955956637".
- 4. Send Test SMS: Click the "Test SMS" button.

**Remote Service Configuration:**

- 1. Select Remote Service: Set "Send SMS When Event Occurs" to "Use Remote Service".
- 2. Click Apply: Click the "Apply" button.
- 3. Enter Mobile Number: Enter the mobile number "0955956637".
- 4. Send Test SMS: Click the "Test SMS" button.

## NetAgent Mini & NetAgent II

**Local Modem Configuration:**

- SMS Settings: Set "Send SMS When Event Occurs" to "Use Local Modem".
- Receiver cellular number(for Event Log): Enter the mobile number "0955956637".

**Remote Service Configuration:**

- SMS Settings: Set "Send SMS When Event Occurs" to "Use Remote Service".
- Receiver cellular number(for Event Log): Enter the mobile number "0955956637".

## ● 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 shows the 'Configuration > SMS' section of the NetAgent 9 interface. On the left, a sidebar lists various configuration options like UPS Configuration, Network, and SMS. The main area has tabs for 'SMS Setting' and 'Mobile for Event Log'. Under 'Mobile for Event Log', there is a table for 'Cellular Phone number' with 8 rows, each with a 'Select' button. Below this is a 'Select Event' dialog with tabs for 'UPS Events' and 'NetFeeler II'. The 'UPS Events' tab is selected, showing a list of events with radio buttons for 'YES' and 'NO'. The 'NetFeeler II' tab is also visible. At the bottom right of the main window are 'Apply', 'Reset', and 'Help' buttons.

**NetAgent II and NetAgent Mini**

The screenshot shows the 'SMS Settings' section of the NetAgent II/Mini interface. The left sidebar includes 'Information', 'Configuration' (with UPS, Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, Language), 'Log Information', and 'Help'. The main area has tabs for 'SMS Settings' and 'Events'. Under 'SMS Settings', there are fields for 'Send SMS When Event Occurs' (set to 'Use Local Modem'), 'SMS Server' (IP 192.168.66.103), 'SMS Server Port' (80), 'Account Name', 'Password', and a 'Test SMS' button. Below this is a table for 'Receiver cellular number(for Event Log)' with 8 rows, each with a 'Select' button. At the bottom right are 'Apply', 'Reset', and 'Help' buttons. A yellow arrow points from the 'Events' tab in the 'SMS Settings' section to the 'Events' section in the 'Select Event' dialog shown in the previous screenshot.

## ■ 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

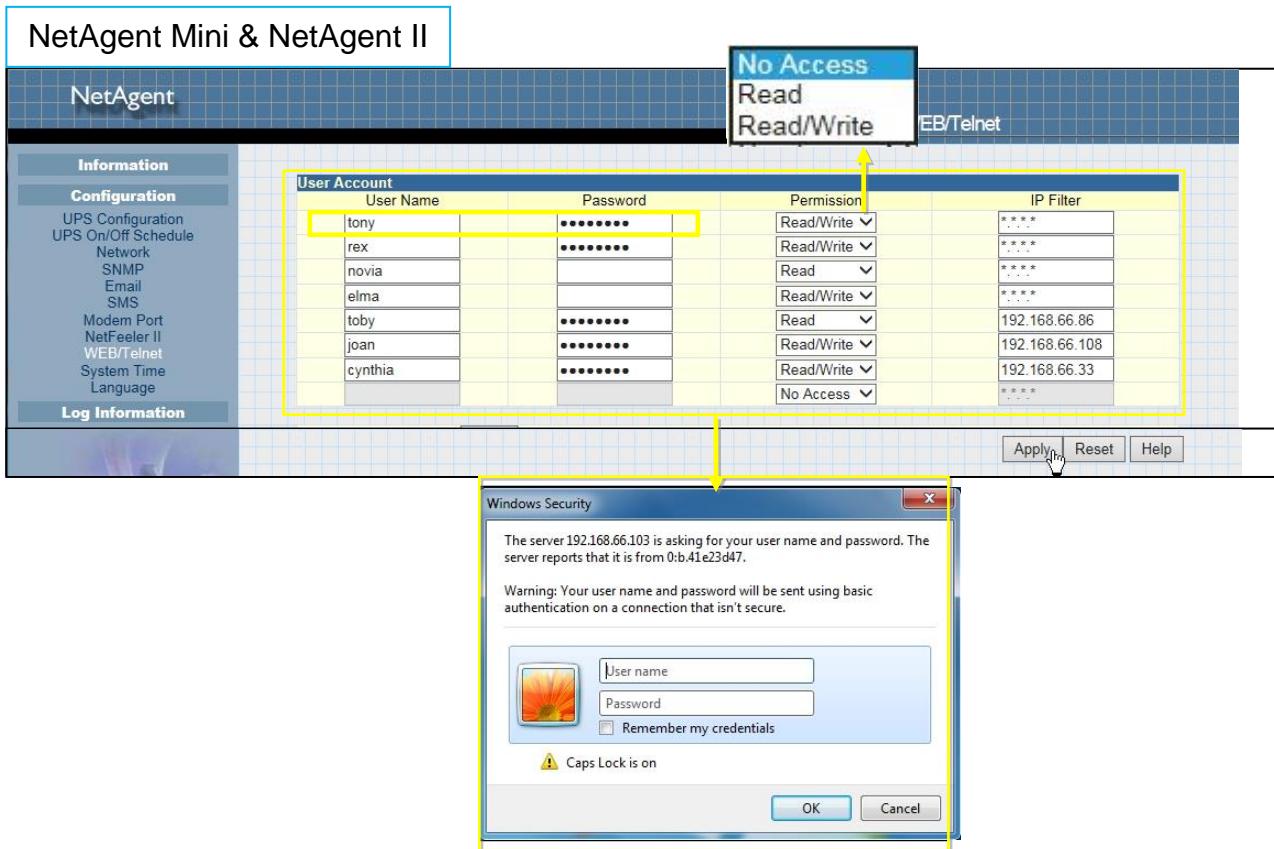
★ \*.\*.\* means any IP address

#### 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 shows the NetAgent 9 configuration interface. On the left is a sidebar with various settings like UPS Configuration, Network, and Web/Telnet. The main window is titled 'Configuration > Web / Telnet' and has tabs for 'User Account', 'SSL Information', and 'RADIUS Server Settings'. Under 'User Account', there is a table with columns for User Name, Password, Permission, and IP Filter. The 'Permission' column shows dropdown menus for each user. The 'IP Filter' column shows a list of IP addresses. Below the table is a field for 'Auto LogOff after idle for [ ] minute(s) (0: Disable)'. A yellow box highlights the 'User Name' and 'Password' fields. A yellow arrow points from the 'User Name' and 'Password' fields to a 'Windows Security' dialog box at the bottom. This dialog box shows a basic authentication prompt with 'User name' and 'Password' fields, a 'Remember my credentials' checkbox, and 'OK' and 'Cancel' buttons. A yellow box highlights the 'Windows Security' dialog box.



- 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
NetAgent9 & Mini	✓	✓	✓	✓	✓
NetAgent DT/CT/BT		✓			

#### 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

**Select Encryption Version**

**Configuration > Web / Telnet**

User Account SSL Information RADIUS Server Settings

**HTTPS Protocol**

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

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

**SSL Information**

SSL Public Key: G:\netagent9\_key [瀏覽...]  
Public Key Length: 1024 bits  
SSL Certificate: G:\netagent9\_cert [瀏覽...]  
Issued To: NetAgent  
Issued By: NetAgent  
Valid From: 2016-11-09  
Valid Until: 2018-11-09

Buttons: Apply \* Reset

**1. Upload Public Key**

**2. Upload Certification**

## NetAgent Mini & NetAgent II

**NetAgent**

**WEB/Telnet**

Information Configuration Log Information Help

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

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

Buttons: Apply Reset Help

**SSL Public Key Information**  
SSL Public Key: G:\NetAgentII\_key [瀏覽...]  
Public Key Length: 1024 bits  
**SSL Certificate Information**  
SSL Certificate: G:\NetAgentII\_cert [瀏覽...]  
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.

此網站的安全性憑證有問題。

此網站出示的安全性憑證並非由信任的憑證授權單位所發行。  
此網站出示的安全性憑證是為其他網站的位址所發行的。

安全性憑證問題可能表示其他人可能正在嘗試欺騙您，或是攔截您傳送到該伺服器的任何資料。

我們建議您關閉此網頁，而且不要繼續瀏覽此網站。

按這裡關閉此網站。  
 繼續瀏覽此網站 (不建議)。  
 其他資訊

When connect via HTTPS with its own generated public key and certification, browser may show error, please ignore and continue.

- 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

Enable RADIUS in Web/Telnet login	<input checked="" type="checkbox"/> YES
RADIUS Server Address	192.168.66.5
Authentication Port	1812
Shared Key	*****
Connection Timeout	5 second(s)
Connection Retry	3

## 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**

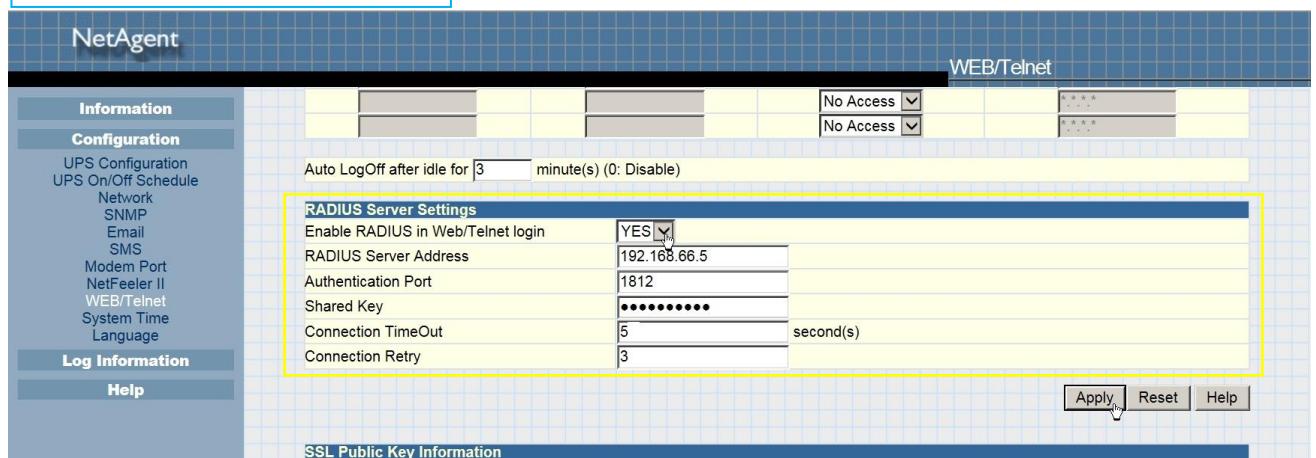
**Help**

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

**RADIUS Server Settings**

Enable RADIUS in Web/Telnet login	<input checked="" type="checkbox"/>	
RADIUS Server Address	192.168.66.5	
Authentication Port	1812	
Shared Key	*****	
Connection TimeOut	5	second(s)
Connection Retry	3	

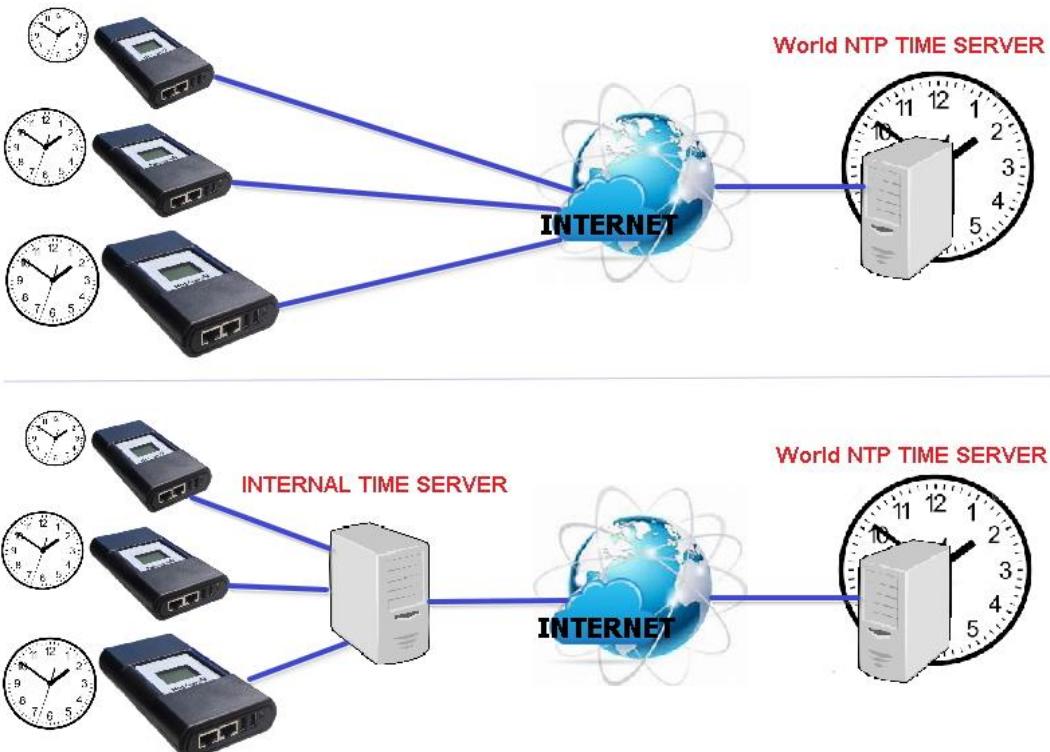
**SSL Public Key Information**



The screenshot shows the configuration interface for NetAgent Mini & NetAgent II. The left sidebar has sections for Information, Configuration, Log Information, and Help. The Configuration section is expanded, showing options like UPS Configuration, Network, and Modem Port. A yellow box highlights the 'RADIUS Server Settings' section in the main content area. This section contains fields for enabling RADIUS, specifying the server address (192.168.66.5), authentication port (1812), shared key (represented by asterisks), connection timeout (5 seconds), and connection retry count (3). Below this is an 'SSL Public Key Information' section. At the bottom right are 'Apply', 'Reset', and 'Help' buttons.

## ■ 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**

## NetAgent 9 Mini & NetAgent 9

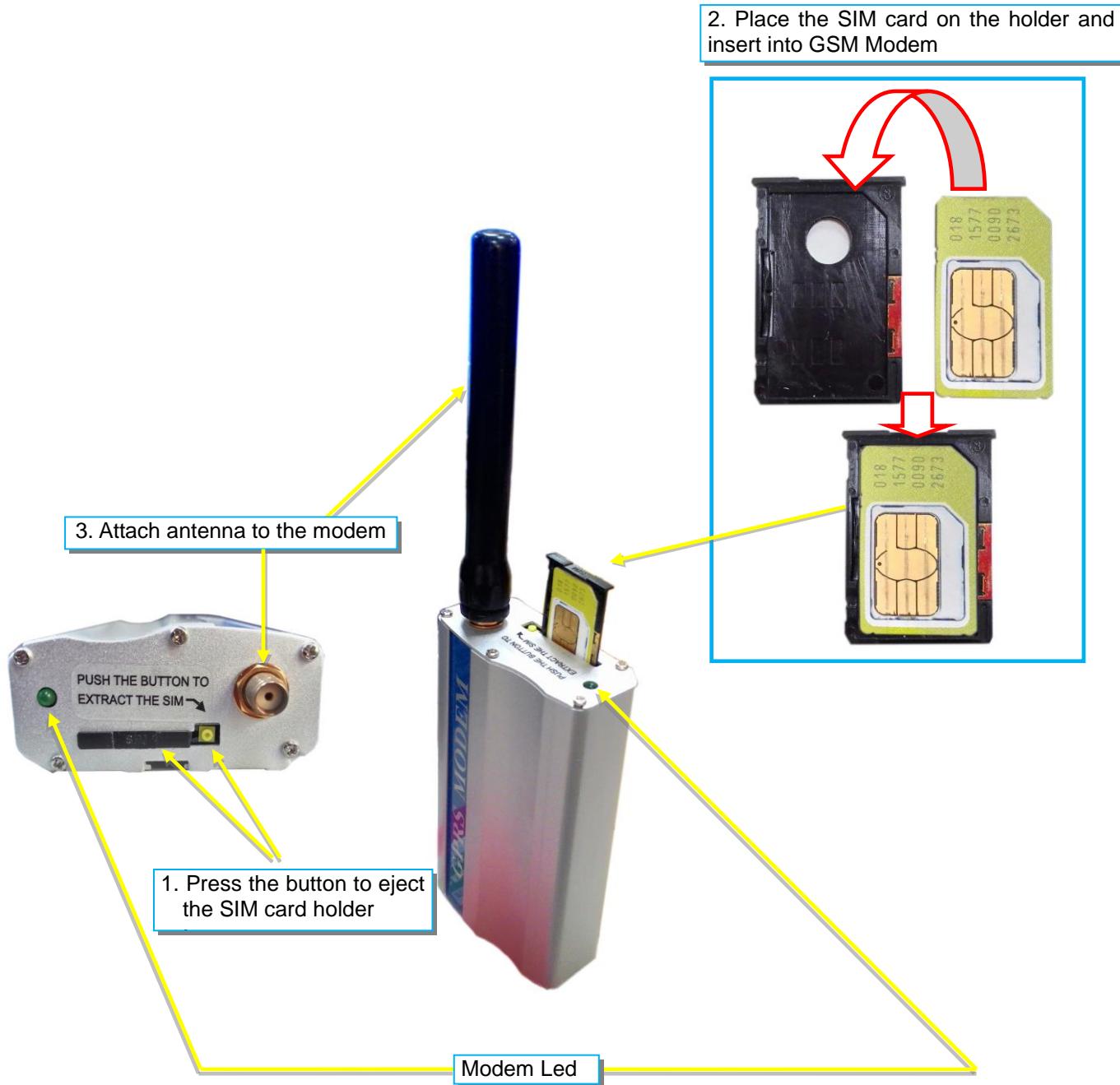
**1. Select Time Server**

**2. Adjust Time**

**Add Time Server**

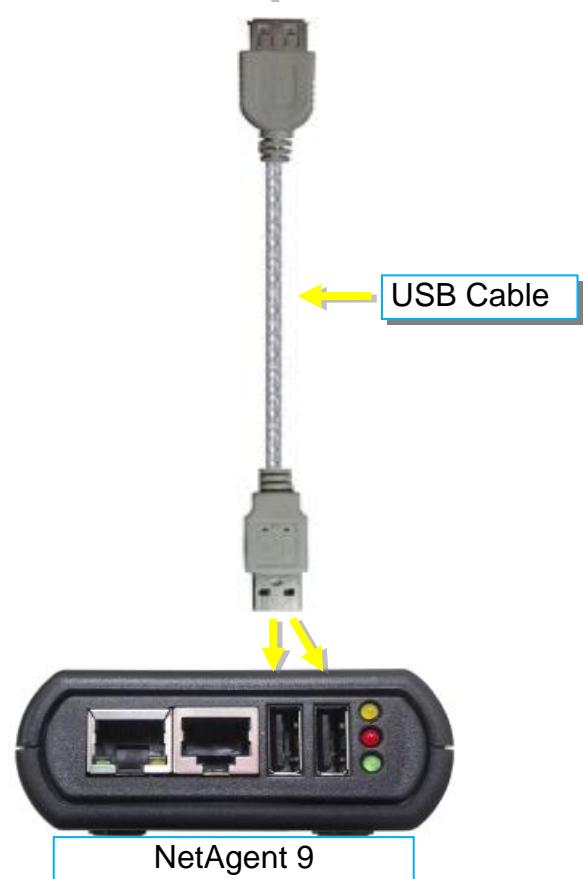
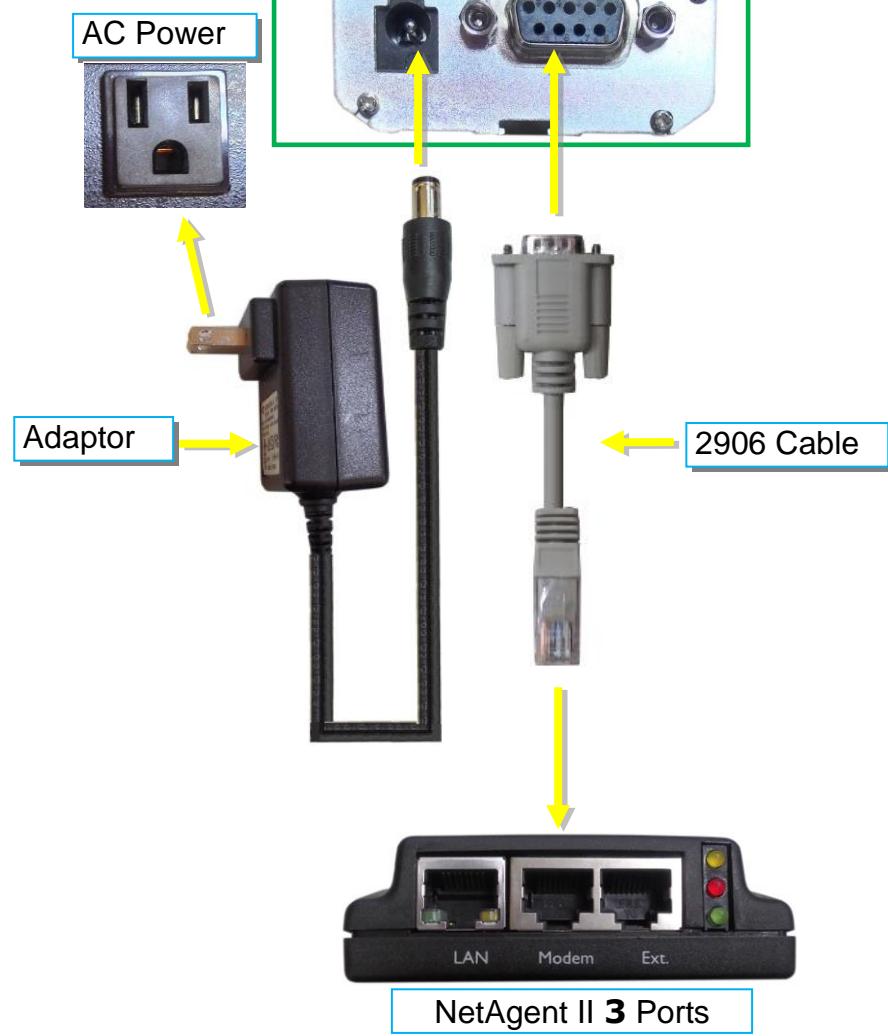
## ■ Configuration > SMS Modem

### □ 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 correctly
    - (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 :

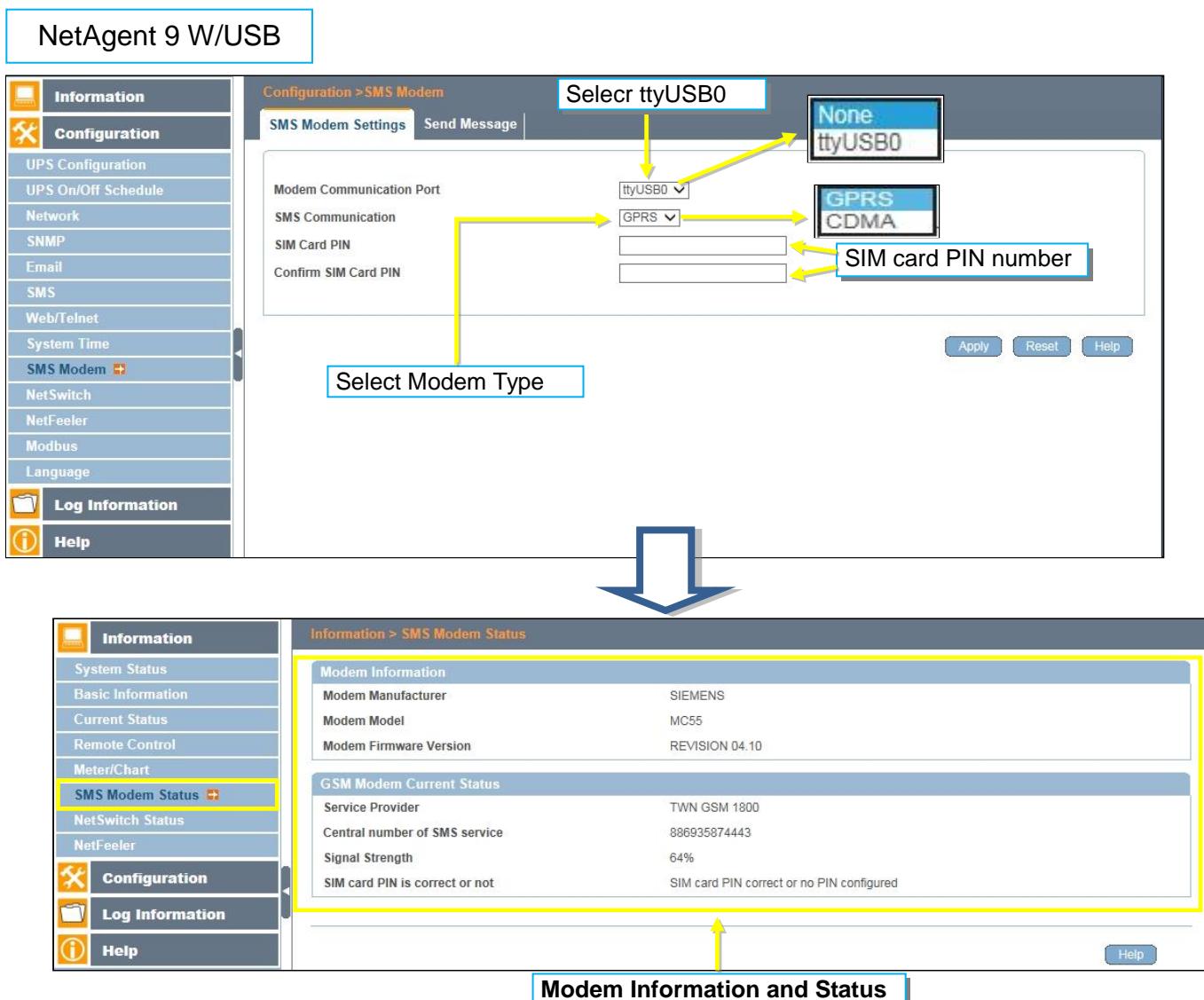
If PIN is required for the SIM card, please enter

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



- Send Message

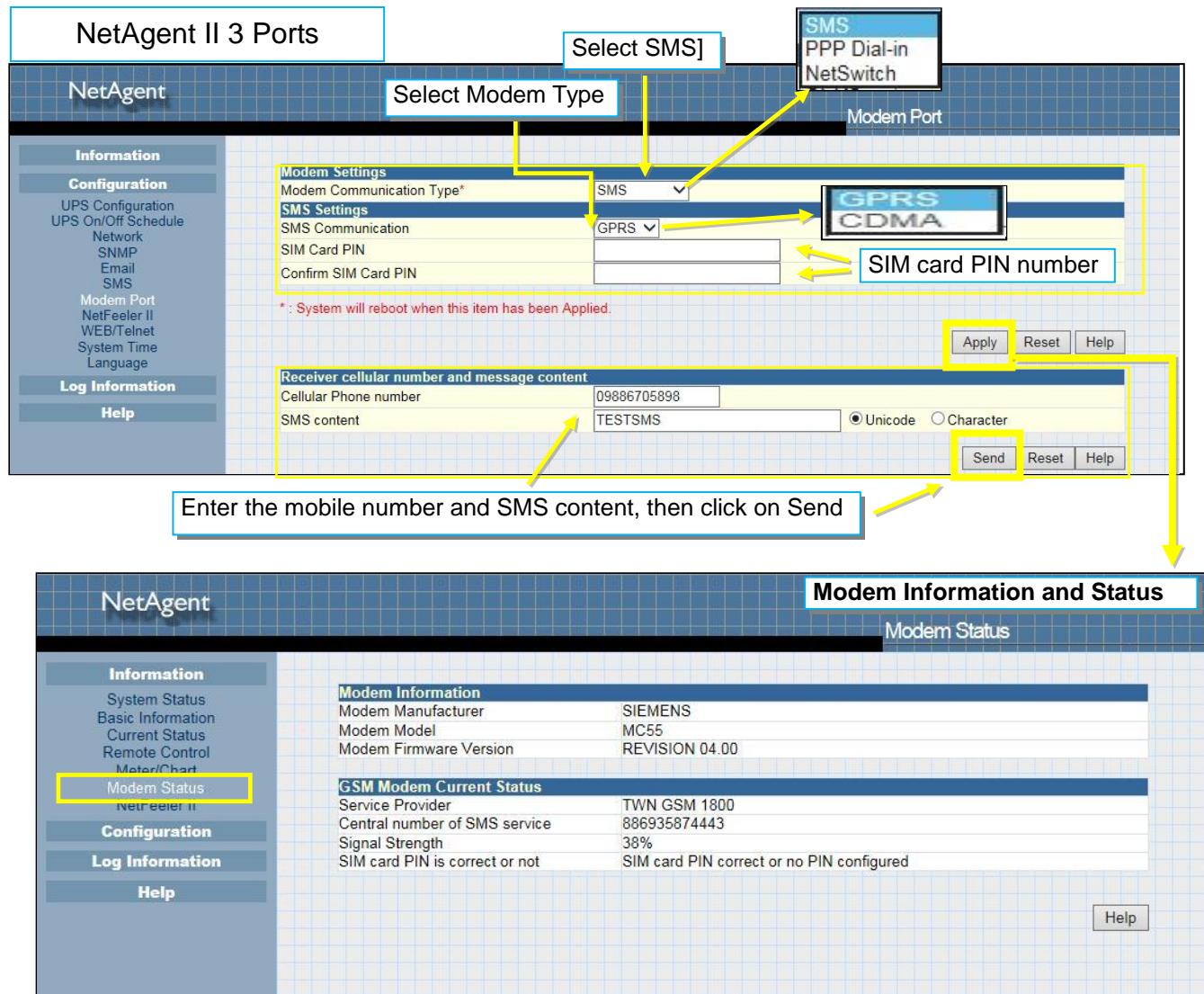
Cellular Phone number :

Enter mobile number

SMS Content(Max.70 Characters) :

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

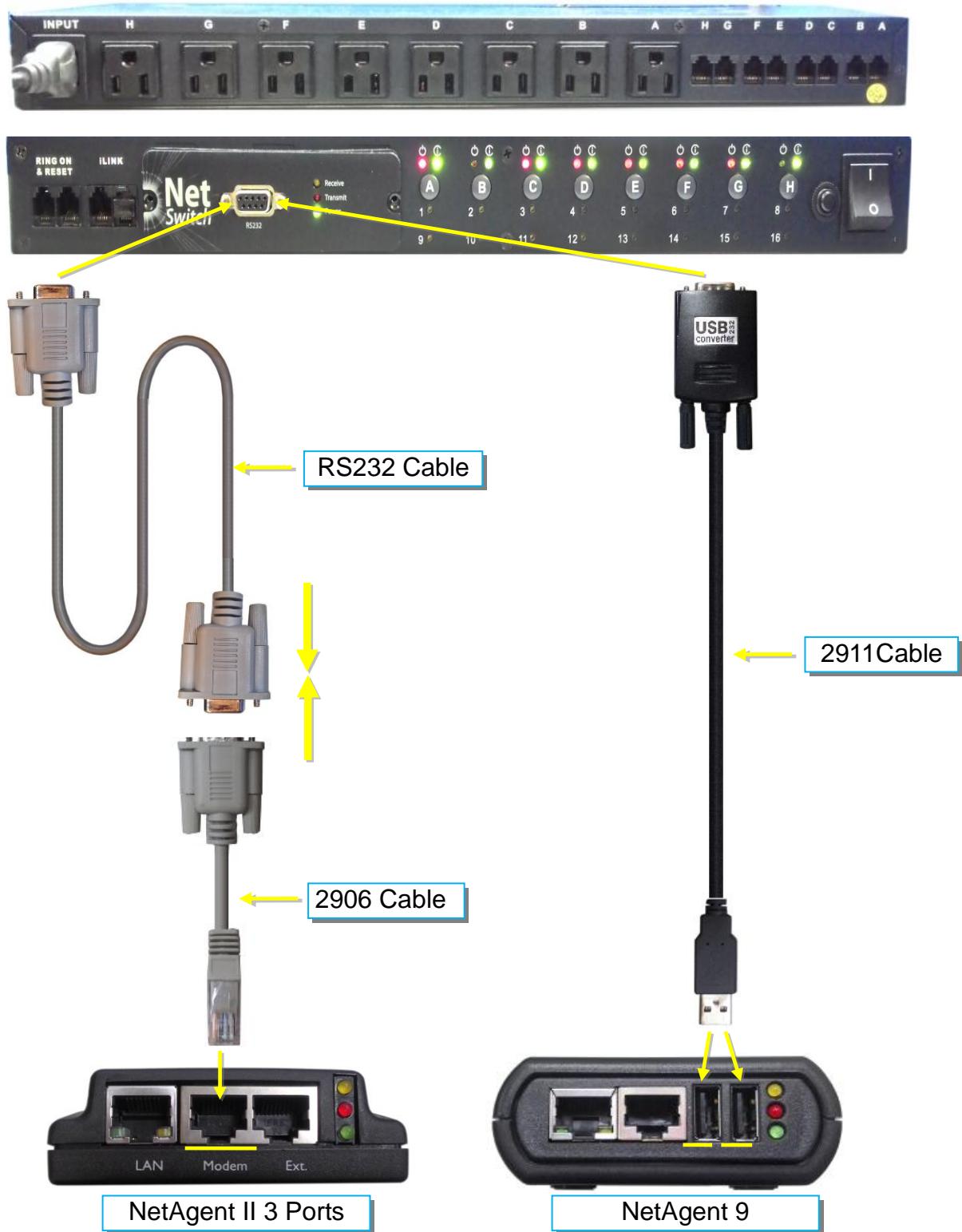




## ■ Configuration > NetSwitch

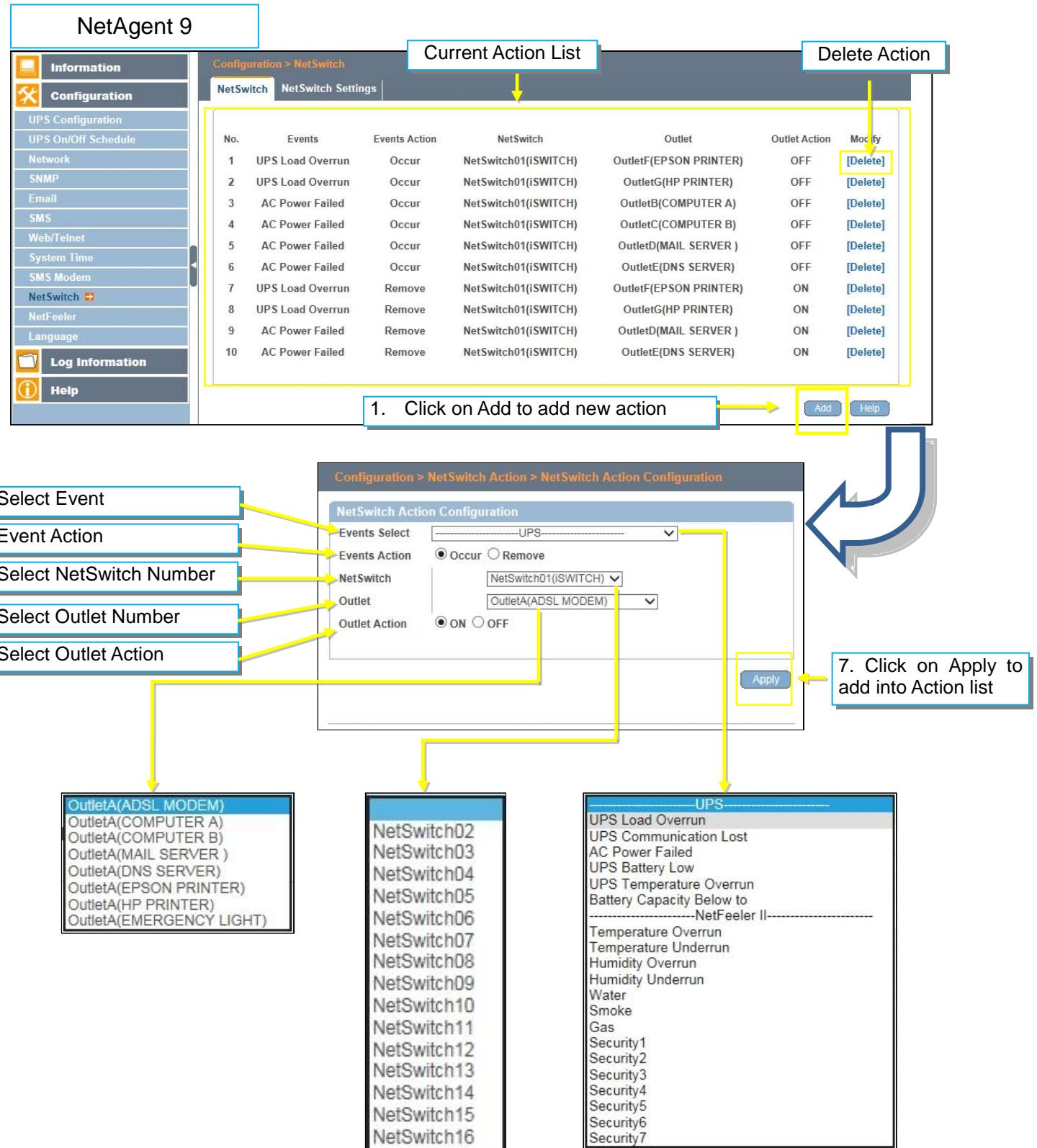
NetAgent 3 Ports (BT model) or NetAgent 9 (BX/BY model) can also connect with our NetSwitch for remote power management

### □ 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 II 3 Ports**

**NetAgent**

**Current Action List**

**Delete Action**

**NetSwitch Action**

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: UPS  
Select: Occur  
Events Action: Occur  
NetSwitch: NetSwitch01(iSWITCH)  
Outlet: OutletA(ADSL MODEM)  
Outlet Action: ON

**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)

Identification :

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 Dally :

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

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

**NetAgent II 3 Ports**

The screenshot shows the NetAgent II 3 Ports software interface. On the left is a sidebar with links for Information, Configuration, Log Information, and Help. The main area has tabs for Modem Port and NetSwitch.

**Modem Port Tab:**

- Modem Settings:** Modem Communication Type is set to NetSwitch. A note says: \* : System will reboot when this item has been Applied.
- NetSwitch Setting:** Select NetSwitch is set to NetSwitch01. Identification is set to iSWITCH. Control Type dropdowns show "safe shutdown" for outlets A-H. Power Off Delay and Power Resume Delay columns are present.
- Buttons:** Apply, Reset, and Help.

**NetSwitch Tab:**

A large blue arrow points from the "NetSwitch Setting" section down to the "NetSwitch Status and Control" section in the second screenshot.

The screenshot shows the NetSwitch Status and Control screen. The sidebar on the left has a yellow box around the NetSwitch Status link. The main area shows a table for controlling eight outlets (A-H) via NetSwitch01 (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

**Buttons:** Apply, Reset.

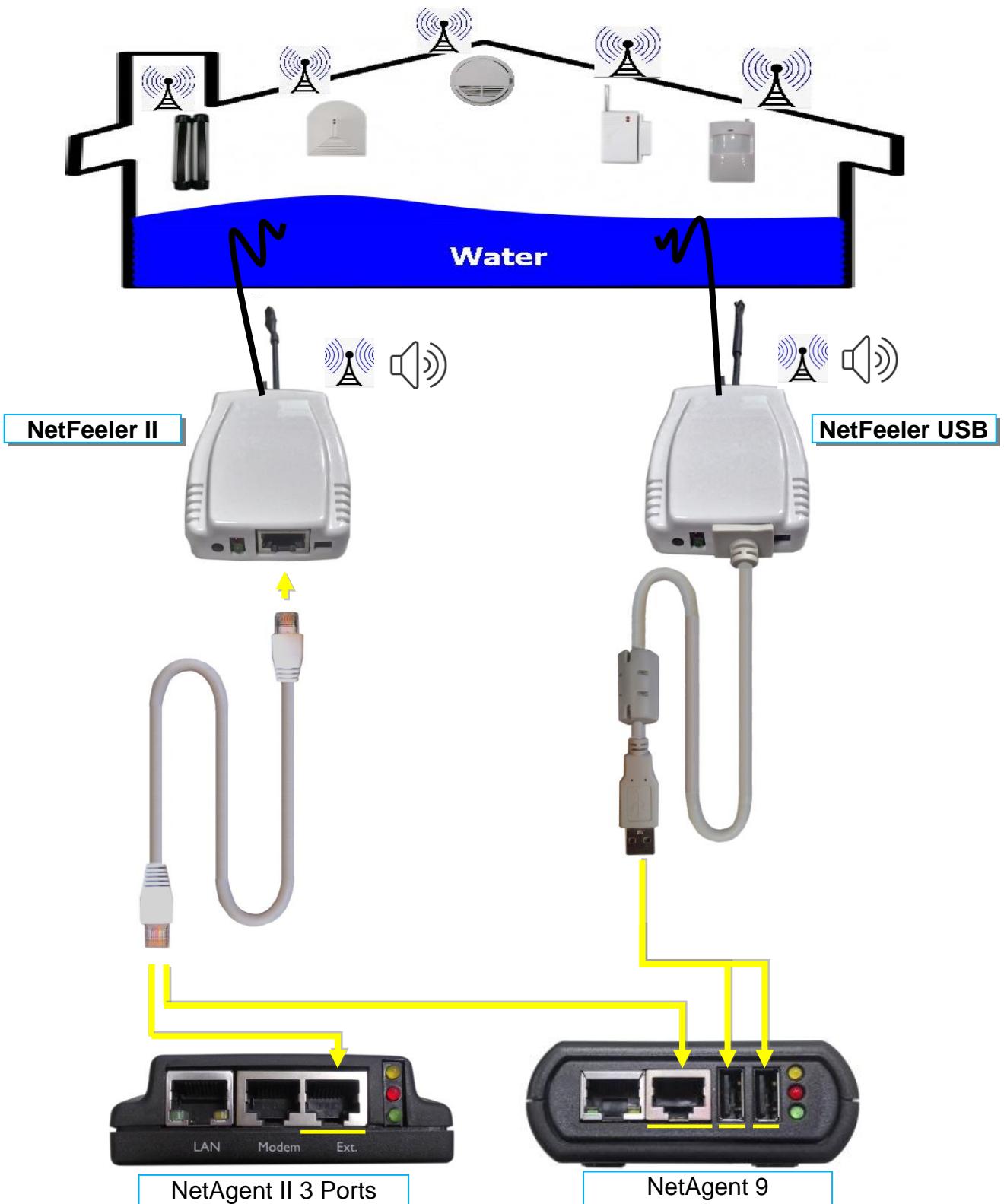
**NetSwitch Status Tab:**

A large blue arrow points from the "NetSwitch Status and Control" section up to the "NetSwitch Status" tab in the third screenshot.

## ■ Configuration > NetFeeler

NetFeeler is the external optional environmental sensor. It is to detect 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

Configuration > NetFeeler

NetFeeler

NetFeeler II

NetFeeler USB

Critical UnderRun: 40

Critical OverRun: 90

Humidity (%): 40

Temperature (°C): 10.0

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 > NetFeeler

NetFeeler Status	Environmental Temperature	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 > NetFeeler

NetFeeler Status	Environmental Temperature	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**

**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**

**NetFeeler II**

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**

**Information**

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

**Configuration**

**Log Information**

**Help**

**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
Finance Dept windows(right)	Normal

**NetAgent**

**Information**

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

**Configuration**

**Log Information**

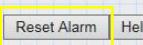
**Help**

**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

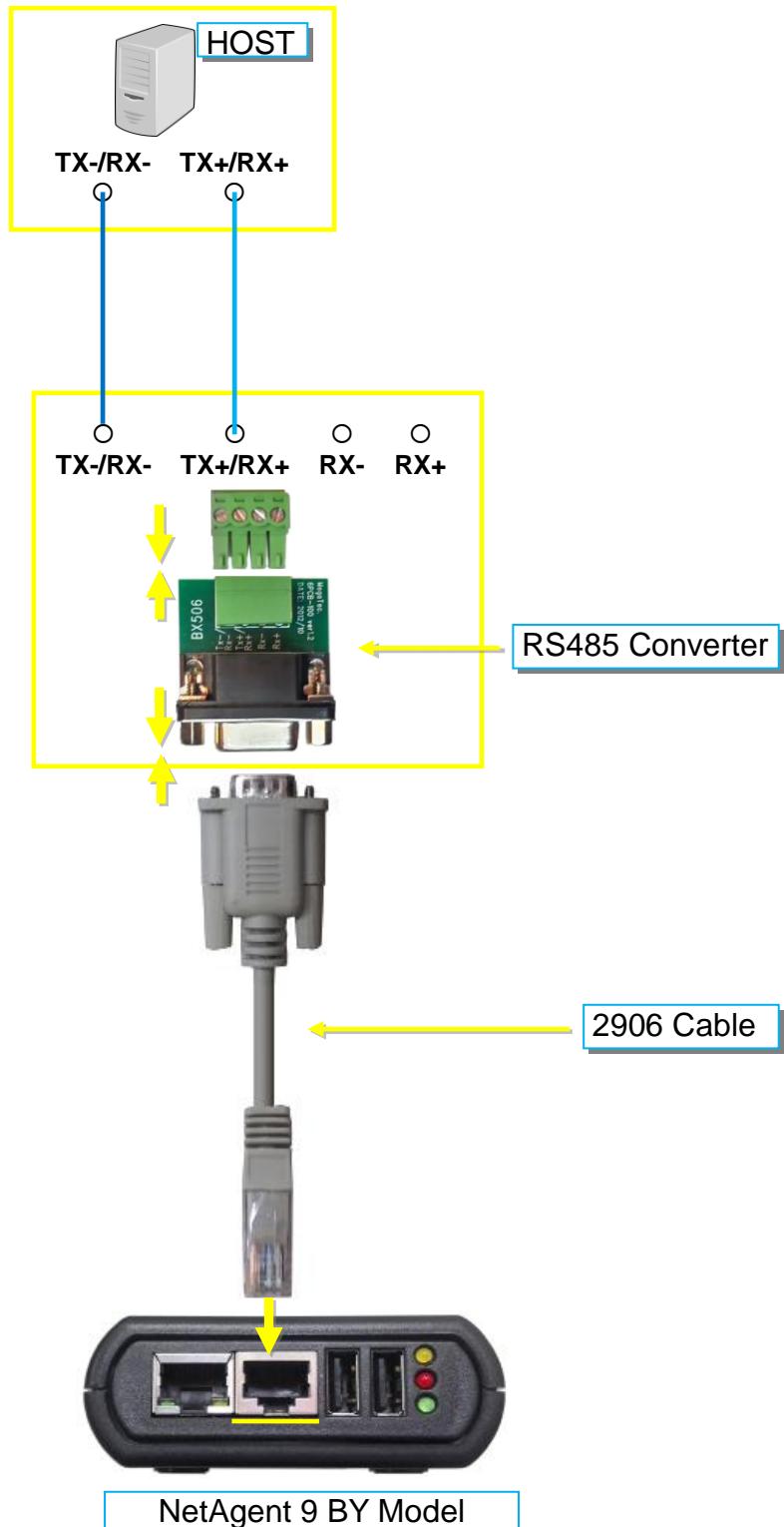
**Clear Alarm**  **Reset Alarm**  **Help**

## ■ Configuration > MODBUS

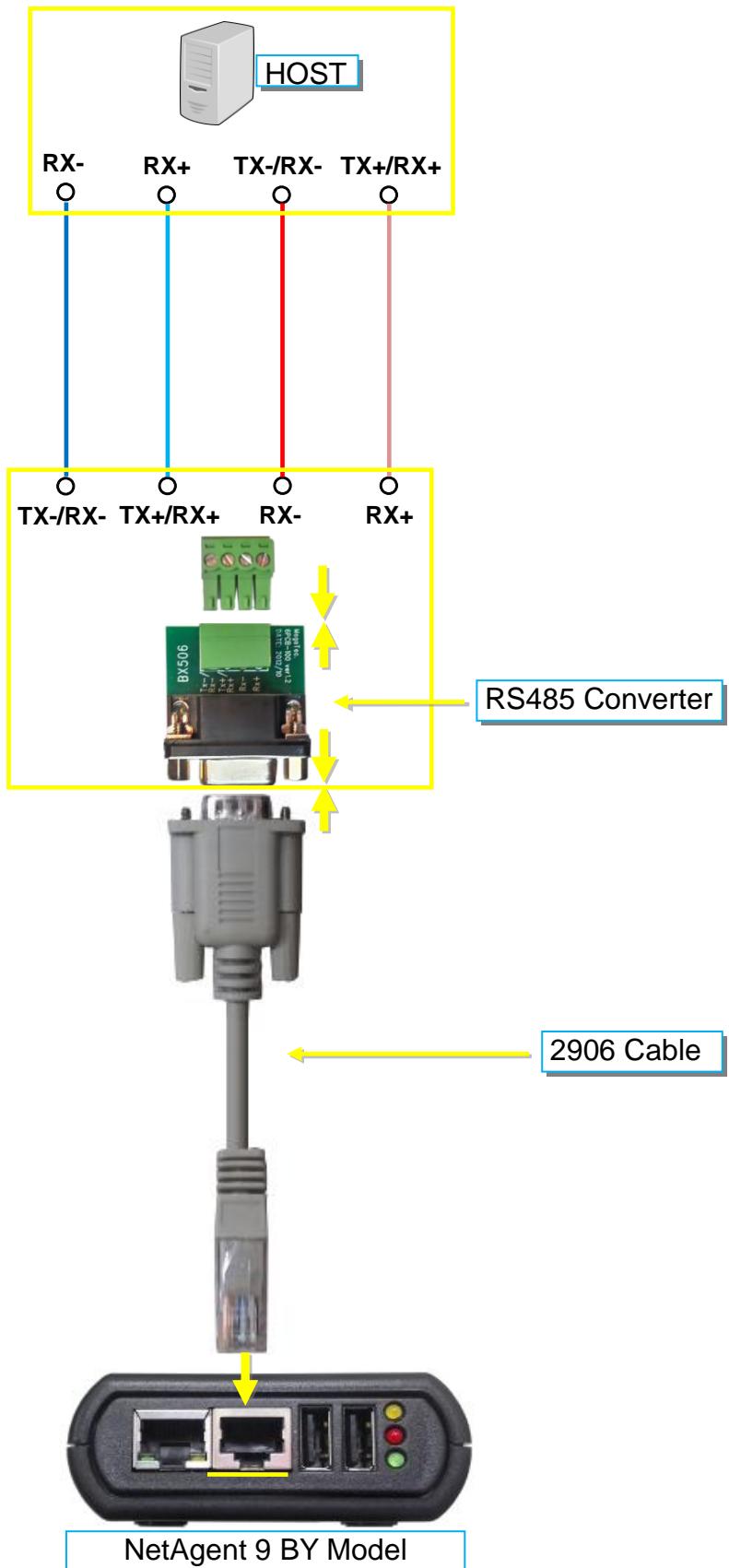
NetAgent supports Modbus on TCP/IP. And NetAgent 9 BY model also supports ModBus on RS485. Through Ethernet and serial communication, it may read multi UPS's data.

*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

### Transmisson 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 :

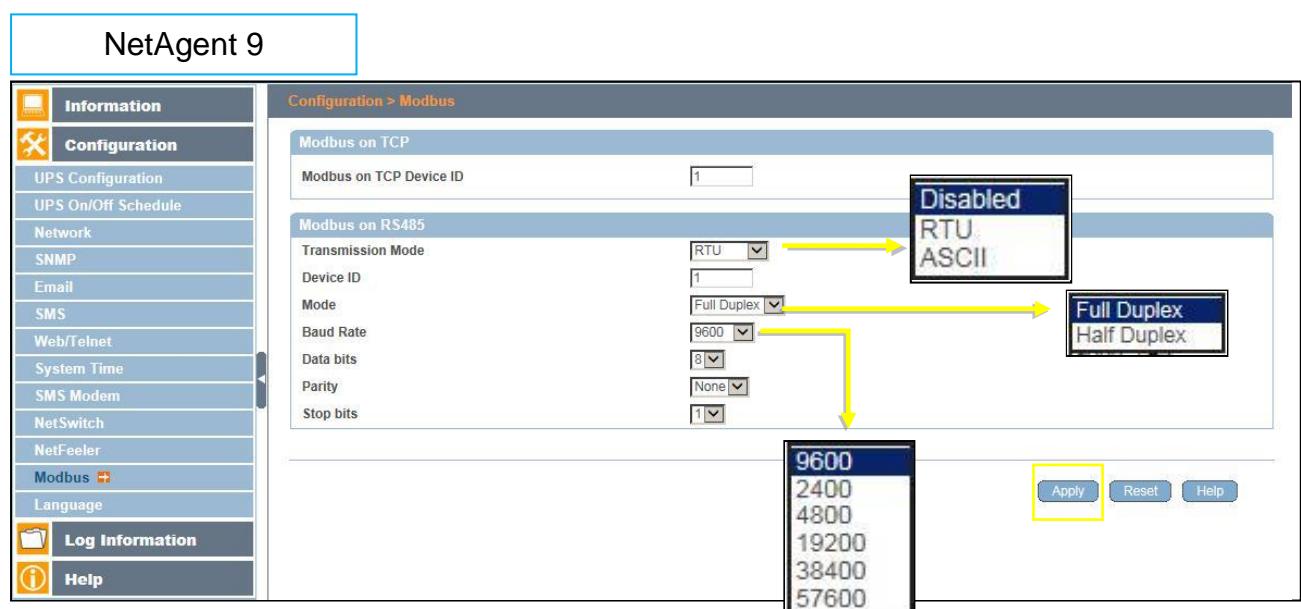
Date bits of 8 bits / 7 bits

### Parity :

Parity of None/ odd /even

### Stop bits :

Stop bits of 1 / 2



## ■ 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
- ຖ່າວ
- Polska

#### NetAgent II

##### EAST Version

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

##### WEST Version

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

#### NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Configuration > Language' page. On the left is a navigation sidebar with links like Information, Configuration, UPS Configuration, etc. The main area has two tabs: 'Interface Language' and 'Email Preferences'. The 'Interface Language' tab is active, showing a list of languages with radio buttons. A note at the bottom says 'Setting preferences will not work if you have disabled cookies in your browser.' To the right of the list is a vertical scrollable list of language names in both English and their native scripts. The 'Email Preferences' tab shows a dropdown menu set to 'English' with an 'Apply' button highlighted with a yellow arrow. At the bottom are 'Apply', 'Reset', and 'Help' buttons.

## ■ 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

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 battery power.
2017/06/27 10:45:03	The UPS has returned to utility power.
2017/06/27 10:45:03	The UPS is entering battery mode.
2017/06/27 10:44:38	battery are very low.
2017/06/27 10:44:14	Utility power has been restored.

Check event by year/month

Date of Event: 2017/06

Buttons: Save, Clear..., Help

Yellow boxes: 'save.csv file' (points to Save), 'Check event by year/month' (points to Date of Event dropdown).

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

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

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	0955055657	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	0955055657	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	0955055657	UPS Agent(My Office)<192.168.66.102>:UPS communication has been established.
2017/06/27 18:28:12	0955055657	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.

SMS Log

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**

The screenshot shows the 'Log Information > Data Log' section of the NetAgent 9 software. A 'Page number' dropdown menu is open, showing options from 1 to 20. Below it is a table of log entries with columns for Date/Time, Input Volt.(V), Output Volt.(V), Freq. (Hz), Load(%), Capacity(%), Battery Volt.(V), Cell Volt.(V), Temp., Env. Temp., and Env. Humidity. The table includes several rows of data and a 'Save Data Log' button at the bottom right.

**Check event by year/month**

**save csv.file**

**1. Select dat. file to delete**

**2. Delete**

The screenshot shows the 'Log Information > Data Log' section of the NetAgent 9 software, specifically the 'Data Log' tab. It displays a list of log files with checkboxes next to them. At the bottom right, there are 'Select All', 'Clear All', and 'Delete' buttons. A yellow arrow points from the 'Delete' button to the '2. Delete' callout box.

## NetAgent Mini & NetAgent II

NetAgent

Data Log

Information	Date/Time	Input Volt.	Output Volt.	Freq. (Hz)	Load	Capacity	Temp.	Env. Temp.	Env. Humidity
<b>Configuration</b>	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
<b>Log Information</b>	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
Event Log	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
Data Log	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
Battery Test Log	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
Help	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

## ■ 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 Control.

The screenshot illustrates the NetAgent 9 software interface for monitoring and managing a UPS system. It consists of several windows and panels:

- Top Window:** A security dialog box titled "Do you want to run this application?" from "Mega System Technologies, Inc." at "http://192.168.66.103". It includes a "Run" button highlighted with a yellow box.
- NetAgent 9 Main Window:** Shows a sidebar with "Information", "Configuration", "Log Information" (selected), "Event Log", "Data Log", "Battery Test Log" (with a plus sign), and "Help". The main area displays the "Log Information > Battery Test Log" page. It shows a table with two rows of battery testing data:
 

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

 Below the table are "Refresh" and "Help" buttons.
- Graph Window:** A separate window showing three data series over time (X-axis from 0 to 9 hours):
  - Battery Capacity (%)**: Red line, starting at ~85% and gradually decreasing to ~68%.
  - Loading**: Blue line, fluctuating between 10% and 15%.
  - Temperature (°C)**: Green line, constant at 25°C.
 The graph has a legend on the left and is timestamped "Date : 2017/06/27 Time : 16:32:46".
- Bottom Window:** An "Information > Remote Control" page. The sidebar has "Information", "System Status", "Basic Information", "Current Status", "Remote Control" (selected and highlighted with a yellow box), "Meter/Chart", "SMS Modem Status", and "NetSwitches Status". The main area shows "UPS Testing" options:
  - 10-Second Test
  - Deep Battery Test for  minute(s)
  - Test until battery capacity below  %
  - 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

Miscellaneous

A yellow arrow points upwards from the UPS Testing section towards the top of the screen.

## ■ 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

The screenshot shows the software interface for NetAgent 9 Mini & NetAgent 9. On the left is a vertical menu bar with icons and labels: Information, Configuration, Log Information, Help, Search NetAgent (highlighted), Serial Port Debug, Help, and About. The main window title is "Help > Search NetAgent". Below the title is a table titled "Search NetAgent" with columns: Device, MAC Address, Hardware, Firmware, and IP Address. Two rows of data are listed:

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

At the bottom right of the main window are "Refresh" and "Help" buttons. A cursor arrow points to the second row of the table.

### NetAgent Mini & NetAgent II

The screenshot shows the software interface for NetAgent Mini & NetAgent II. On the left is a vertical menu bar with icons and labels: Information, Configuration, Log Information, Help, Search NetAgent (highlighted), Serial Port Debug, Help, and About. The main window title is "NetAgent". Below the title is a table titled "Browse NetAgent" with columns: Device, MAC Address, Hardware, Firmware, and IP Address. Two rows of data are listed:

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

At the bottom right of the main window are "Refresh" and "Help" buttons. A cursor arrow points to the second row of the table.

## ■ 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

Information

Configuration

Log Information

Help

Search NetAgent

Serial Port Debug !

Help

About

Help > Serial Port Debug

Port Information      Debug Information

Debug Mode: Auto

Port: UPS

Speed(baud): 2400

Data Bits: 8

Parity: None

Stop Bits: 1 Bit

Apply      Help

**NetAgent Mini & NetAgent II**

Help > Serial Port Debug

Port Information    Debug Information

( ASCII     Hexadecimal)

Send Content

Sent Information

```
PM 06:09:58: Q1\r
PM 06:09:58: Ir
PM 06:09:58: Fr
PM 06:10:01: Q1\r
PM 06:10:01: Ir
PM 06:10:01: Fr
PM 06:10:01: Q1\r
PM 06:10:03: Ir
PM 06:10:03: Fr
PM 06:10:03: Q1\r
PM 06:10:05: Ir
PM 06:10:05: Fr
PM 06:10:05: Q1\r
```

Received Information

```
PM 06:09:29: #110.0 009 036.0 60.0\r
PM 06:09:29: (109.6 109.4 109.9 006 60.0 2.27 22.9 00000001\r
PM 06:09:29: #      LV 1K    00019.12 \r
PM 06:09:29: #110.0 009 036.0 60.0\r
PM 06:09:29: (109.4 109.3 110.1 006 60.0 2.27 22.9 00000001\r
PM 06:09:29: #      LV 1K    00019.12 \r
PM 06:09:29: #110.0 009 036.0 60.0\r
PM 06:09:29: (109.0 109.2 109.4 006 60.0 2.27 22.9 00000001\r
PM 06:09:29: #      LV 1K    00019.12 \r
PM 06:09:29: #110.0 009 036.0 60.0\r
PM 06:09:29: (109.3 108.9 109.8 005 60.0 2.27 22.9 00000001\r
PM 06:09:29: #      LV 1K    00019.12 \r
PM 06:09:29: #110.0 009 036.0 60.0\r
```

Clear

**NetAgent**

Serial Ports Debug

Information

Configuration

Log Information

Help

Search NetAgent

Serial Port Debug

Help

About

Port Information

Debug Mode: Auto

Speed(baud): 2400

Parity: None

Port: UPS

Data Bits: 8

Stop Bits: 1 Bit

( ASCII     Hexadecimal)

Send Content

Sent Information

```
PM 05:57:09: Ir
PM 05:57:09: Fr
PM 05:57:09: Q1\r
PM 05:57:09: Ir
PM 05:57:09: Fr
PM 05:57:09: Q1\r
PM 05:57:12: Ir
PM 05:57:12: Fr
PM 05:57:12: Q1\r
PM 05:57:12: Ir
PM 05:57:14: Fr
PM 05:57:14: Q1\r
PM 05:57:14: Ir
```

Received Information

```
PM 05:57:52: (107.1 107.4 109.5 005 59.9 2.27 22.9 00000001\r
PM 05:57:52: #      LV 1K    00019.12 \r
PM 05:57:52: #110.0 009 036.0 60.0\r
PM 05:57:52: (107.8 107.3 109.6 005 59.9 2.27 22.9 00000001\r
PM 05:57:52: #      LV 1K    00019.12 \r
PM 05:57:52: #110.0 009 036.0 60.0\r
PM 05:57:52: (107.6 107.2 109.7 006 59.9 2.27 22.9 00000001\r
PM 05:57:52: #      LV 1K    00019.12 \r
PM 05:57:52: #110.0 009 036.0 60.0\r
PM 05:57:55: #110.0 009 036.0 60.0\r
PM 05:57:55: (107.3 107.5 109.8 006 59.9 2.27 22.9 00000001\r
PM 05:57:55: #      LV 1K    00019.12 \r
PM 05:57:55: #110.0 009 036.0 60.0\r
```

Clear

## ■ Help > Help

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

### NetAgent 9 Mini & NetAgent 9

The screenshot shows the NetAgent 9 Mini & NetAgent 9 software interface. On the left is a vertical navigation bar with icons and labels: Information, System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, Modem Basic Info., NetSwitch Status, NetFeeler II, Configuration, Log Information, and Help. The main area has three sections: System Information, Network Status, and Wireless Status (Only with BX Models). Each section contains a brief description of its purpose.

**Information**

**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

The screenshot shows the NetAgent Mini & NetAgent II software interface. It features a blue header bar with the title "NetAgent Help" and a "System Status" button. On the left is a vertical navigation bar with icons and labels: Information, System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, Modem Basic Information, NetSwitch Status, NetFeeler II, Configuration, Log Information, and Help. The main area has three sections: System Information, Network Status, and a large dark grey box at the bottom containing a general description of the page's purpose.

**Information**

**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.

The screenshot shows the software's main menu on the left with options like Information, Configuration, Log Information, Help, Search NetAgent, Serial Port Debug, and Help. The central window is titled "Help > About". It has two tabs: "About" (selected) and "Firmware Update Settings". The "About" tab displays the following information:

Firmware Version	3.5.BY506
Hardware Version	HBY506
Serial Number	3927225097

The "Firmware Update Settings" tab contains fields for "FTP Server" (ftp.icv99.com), "User" (netagent9), and "Password" (redacted). There are buttons for "Save", "Restore", and "Reset". At the bottom right, there is a logo for "Mega System Technologies, Inc." with contact information: Tel:+886-2-87922060 Fax:+886-2-87922066 E-mail:netagent@megatec.com.tw http://www.megatec.com.tw

### Firmware Update Settings

Default FTP server is set as [ftp.icv99.com](http://ftp.icv99.com) with its username/password. Click on Update Now, NetAgent will connects to the FTP server and upgrade to the latest firmware version accordingly. Or, it could upgrade per preset time

The screenshot shows the "Firmware Update Settings" screen. It includes fields for "FTP Server" (ftp.icv99.com), "User" (netagent9), and "Password" (redacted). Under "Auto Update", there is a dropdown for frequency ("Every NO") and a time entry field ("At [ ] (Hour : Minute)"). Below these, there is a section for "Update Firmware from FTP Client" with an "Enable" dropdown set to "Enable". There are "Apply" and "Firmware Update" buttons at the bottom right. A yellow arrow points to the "Enable" dropdown in this section.

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

## NetAgent Mini & NetAgent II

The screenshot shows the NetAgent software interface. On the left, there's a sidebar with links: Information, Configuration, Log Information, and Help. Under Help, it lists Search NetAgent, Serial Port Debug, Help, and About.

The main area has a title bar "About". Below it, the "Information" section displays the following details:

Firmware Version	2.48.BT506.EAST
Hardware Version	HBT506
Serial Number	3926404591

The "Save/Restore Settings" section contains options to Save current configuration, Restore previous configuration, and Reset to factory default. Buttons for Save, Restore\*, and Reset are available.

A note at the top of the "Firmware Update Settings" section states: "\*: This upload function could not be used in HTTPS mode." This section includes fields for FTP Server (ftp.icv99.com), User (netageast), and Password (\*\*\*\*\*). Buttons for Update Now >> and Apply are present.

The "Auto Update" section shows "Every NO At 02:00 (Hour : Minute)". Buttons for Apply and Apply\* are shown.

The "Update Firmware from FTP Client" section has an "Enable" dropdown set to "Enable". A note says "\*: System will reboot when these items have been Applied." A "Firmware Update" button is located here.

At the bottom right, there's contact information for Mega System Technologies, Inc.: Tel:+886-2-87922060 Fax:+886-2-87922066 E-mail:netagent@megatec.com.tw http://www.megatec.com.tw

### 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 page header includes links for Software Downloads, Technical Support & FAQ, Online Ordering, and Shipment Tracking.

The main content area is titled "NetAgent 9" and contains the following text:

Please contact the [WebMaster](#) if you find any problems with the download page. This page is best viewed on 1024x768.

**NetAgent Firmware download procedure:**

1. Check your CURRENT FIRMWARE Version.
2. Locate your MODEL NUMBER shown at the bottom of your NetAgent device.
3. Choose the correct firmware version corresponding to your Model Number.

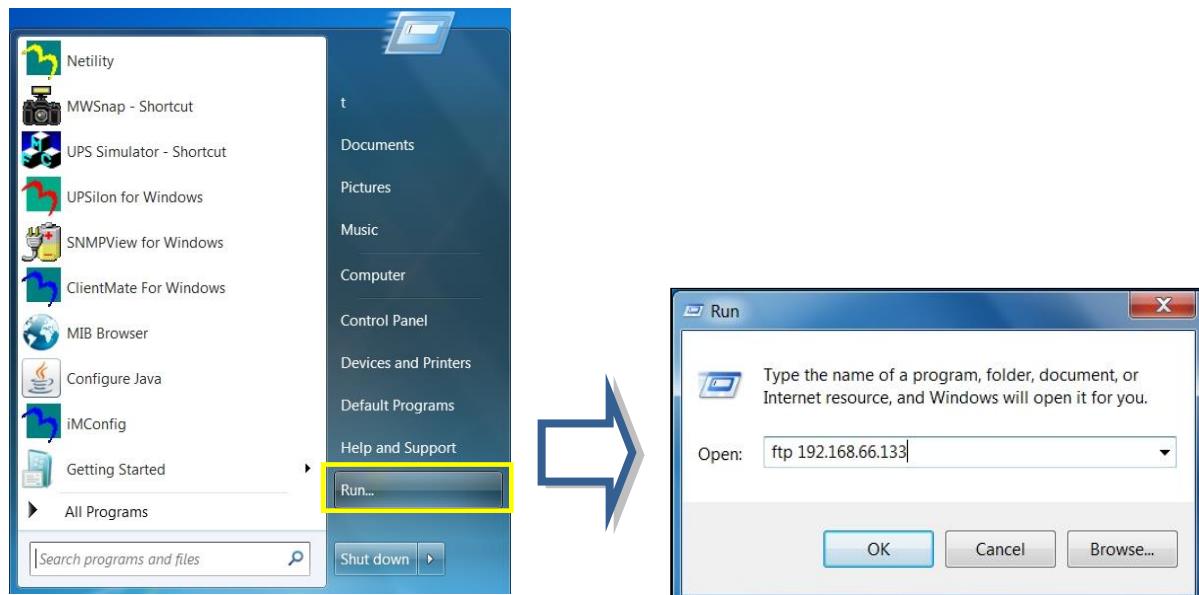
**★ Please download the Firmware corresponding to your Model Type from the table below:**

Model	New Firmware name	Date
DY520	<a href="#">3.5.DY520.a.zip</a>	23rd November, 2016
DL520	<a href="#">3.5_DL520.zip</a>	23rd November, 2016
CY504	<a href="#">3.5.CY504.zip</a>	23rd November, 2016
BY506	<a href="#">3.5.BY506.zip</a>	23rd December, 2016
DX520	<a href="#">3.5.DX520.zip</a>	
CX504	<a href="#">3.5.CX504.zip</a>	
BX506	<a href="#">3.5.BX506.zip</a>	

A red circle highlights the "3.5.BY506.zip" link in the table. A red arrow points from the "BY506" model row to the link. A warning message at the bottom of the table says: "Warning: RX unit with 3.1 RX506 M11 IST".

To the right of the table, there's an illustration of a computer setup (monitor, keyboard, mouse) connected to a server tower.

-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

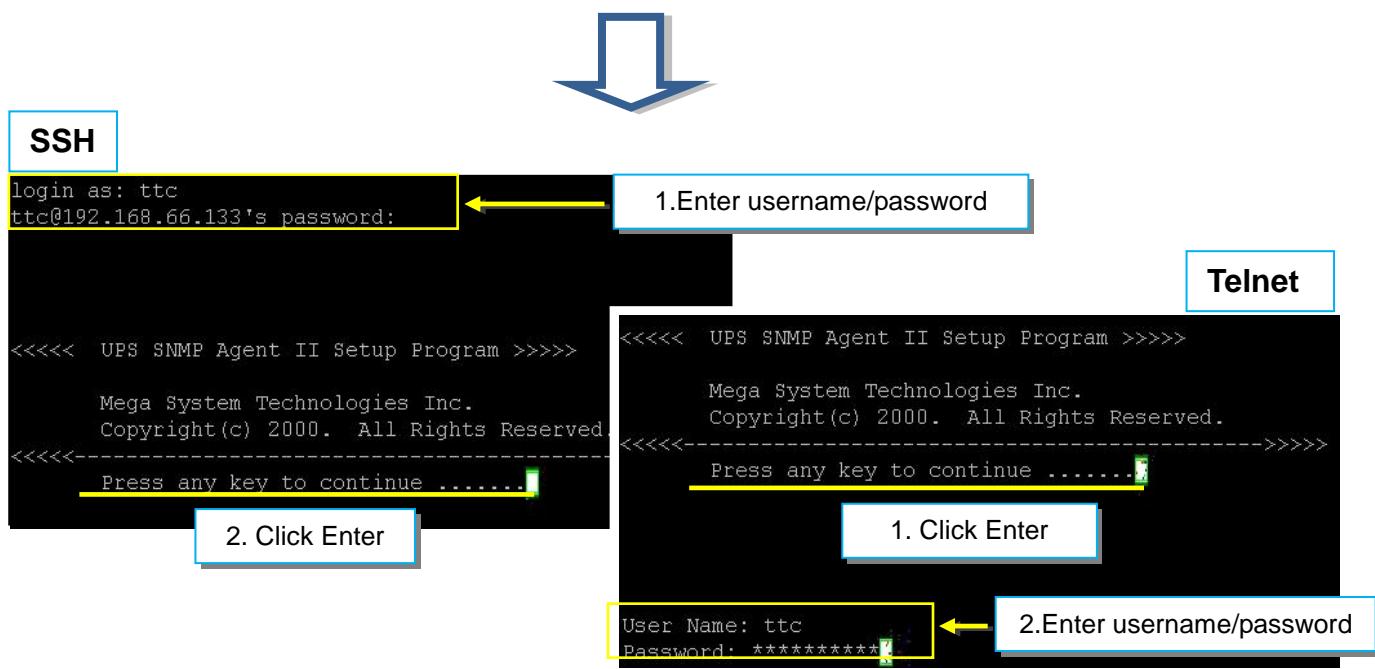
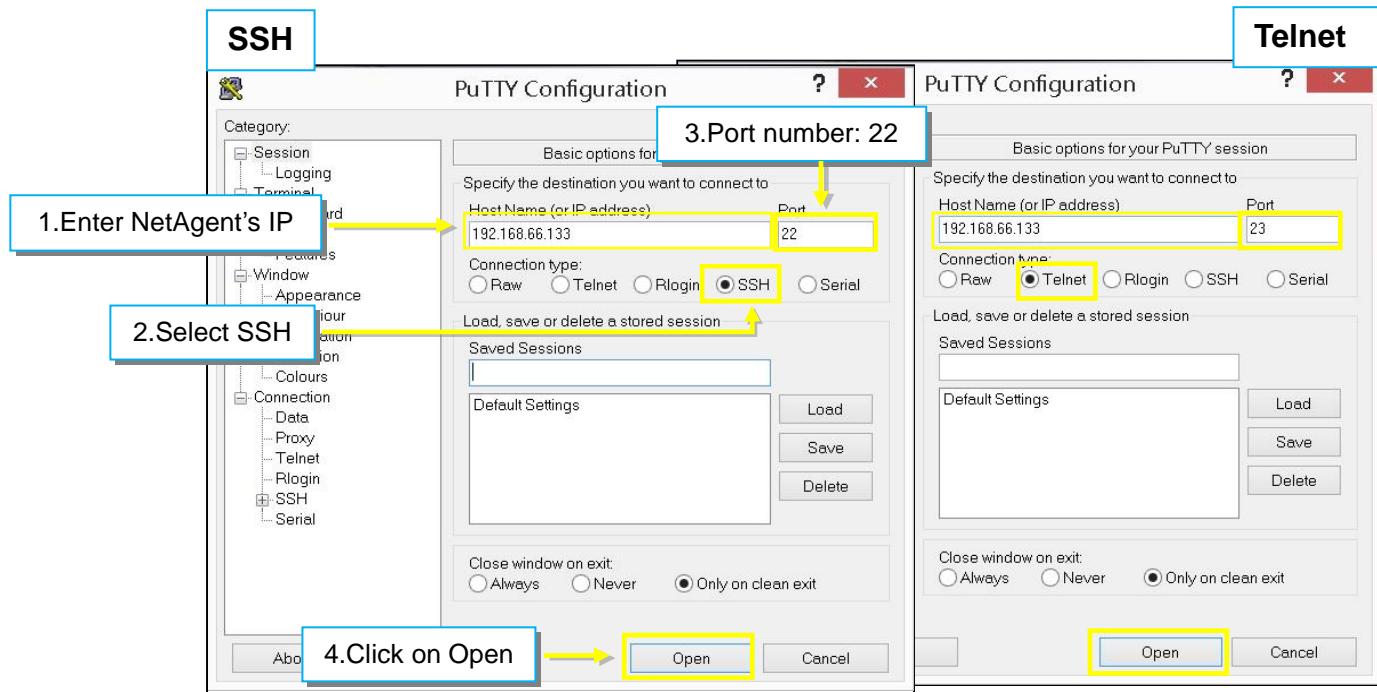
3. Enter put command with bin file directory

4. Once complete, enter command quit

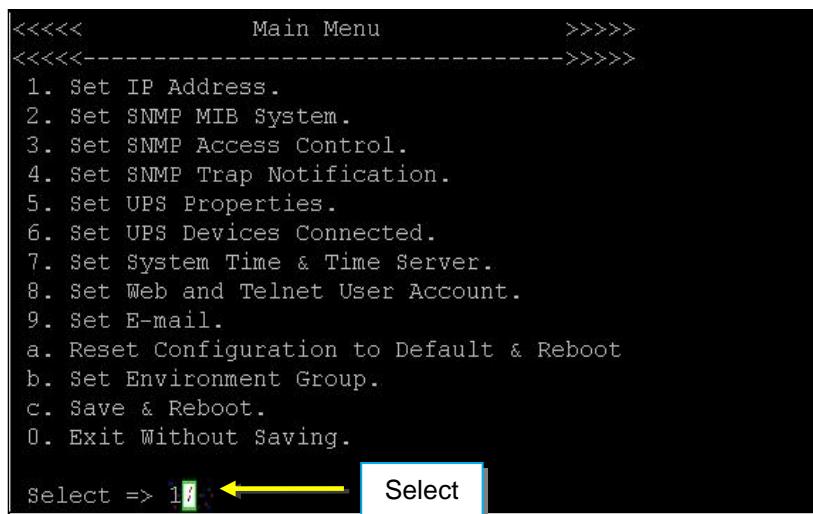
## Chapter 5. Telnet/ SSH

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



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 :

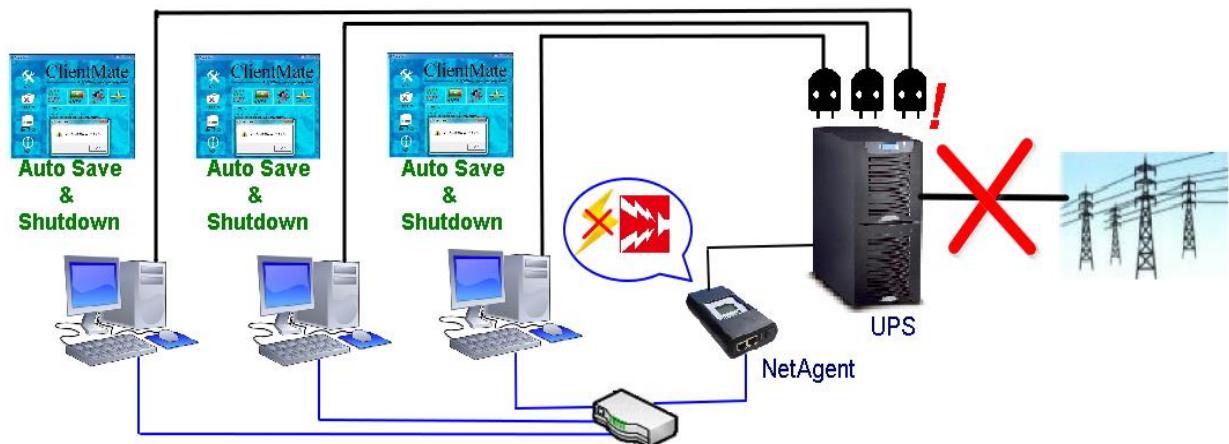
Save the current configuration data, including any changes you have made, and reboot the Net Agent.

0.Exit Without Saving :

Exit, all configuration changes will be lost

## Chapter 6. ClientMate

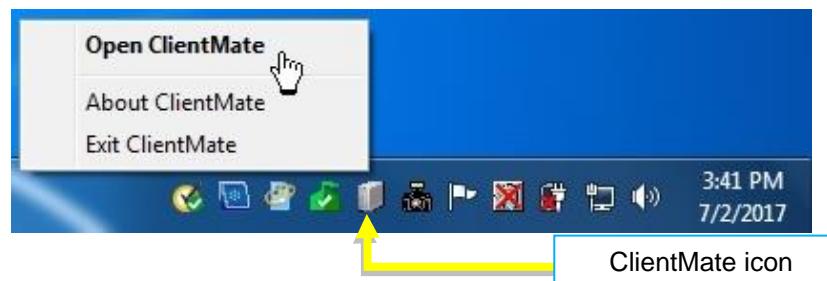
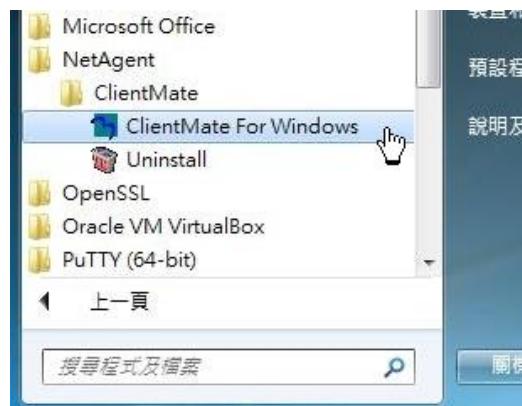
ClientMate is shutdown software for PC that connects with NetAgent. This utility is for the Windows platform. When the ClientMate gets the power failure signal from the NetAgent. The ClientMate will save the files and shutdown the system gracefully. When the hardware installation of the NetAgent has 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.



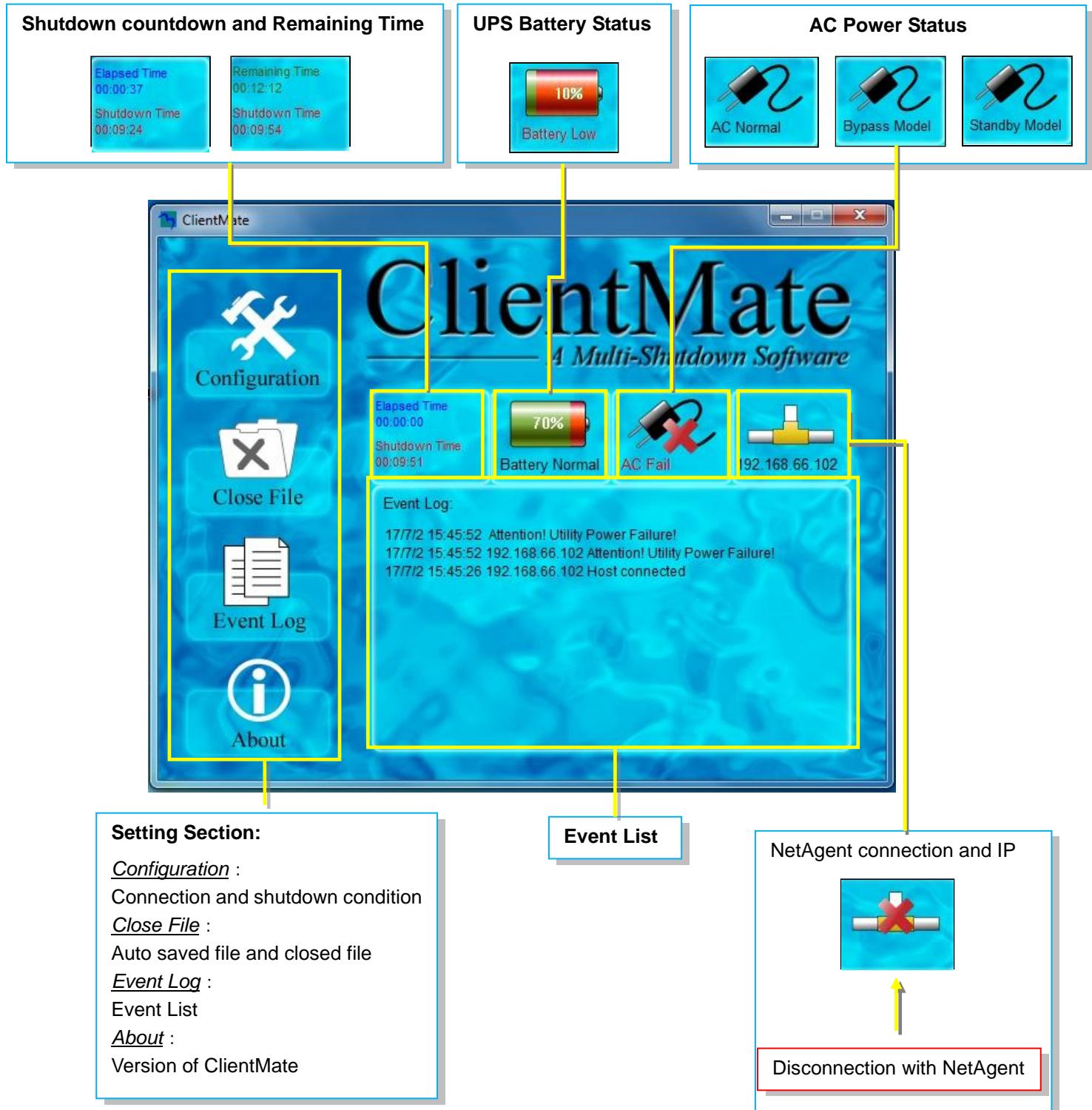
### Installation and setup

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

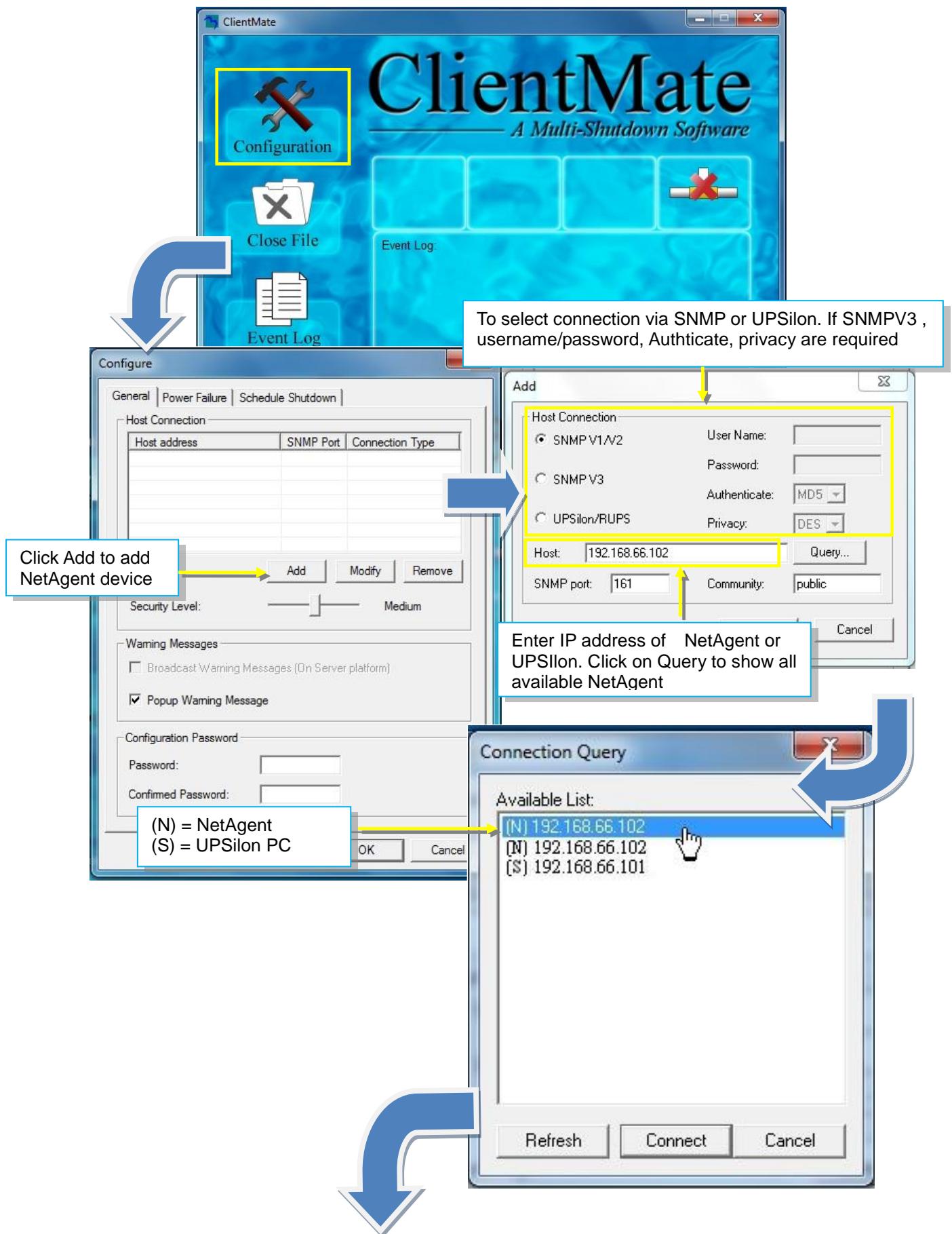
All Program >NetAgent > ClientMate > ClientMate for Windows

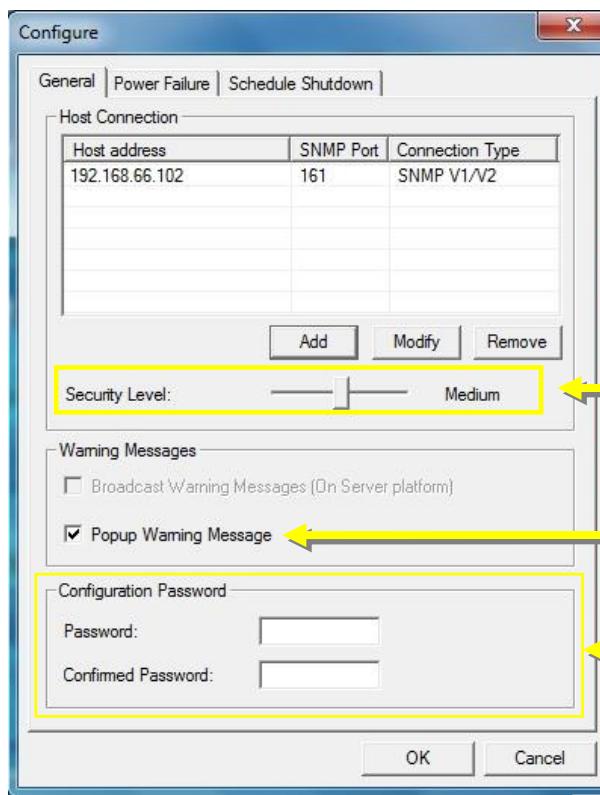


## Operation Interface



## Configuration



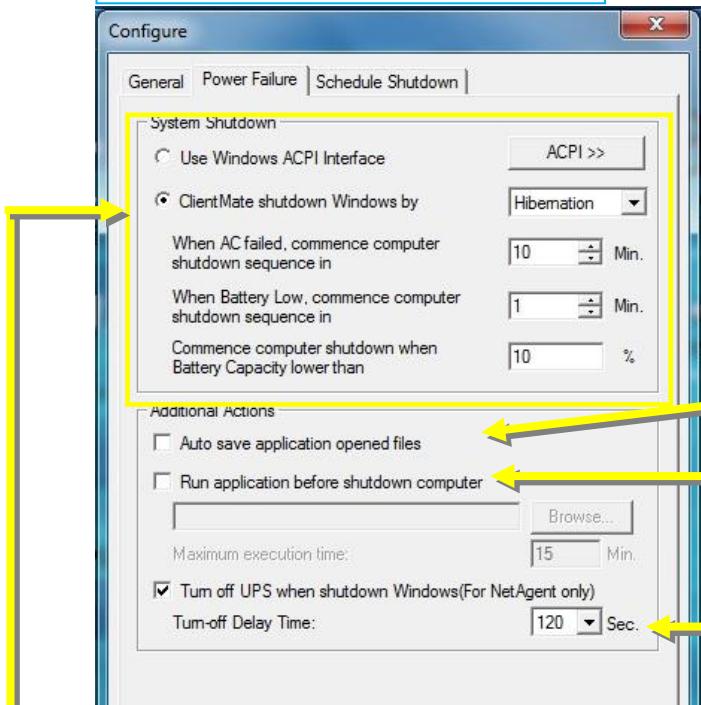


If connect with multi NetAgent, shutdown condition can be perform by security level.  
 Low : All NetAgent with AC failure condition  
 Medium : 50% NetAgent device has AC failure condition  
 High : AC failure from any/single NetAgent would shutdown

If to have pop warning message

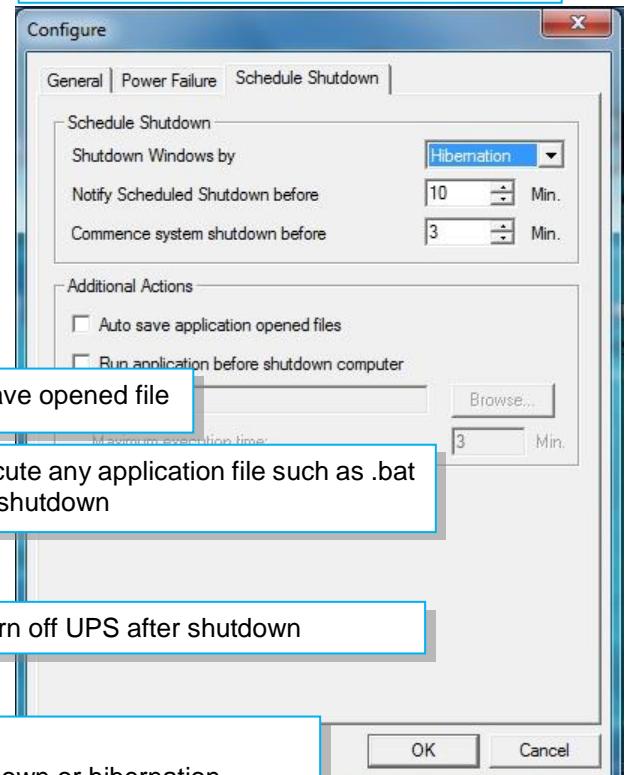
If password is required for any configuration change

### Power Failure/Shutdown Condition

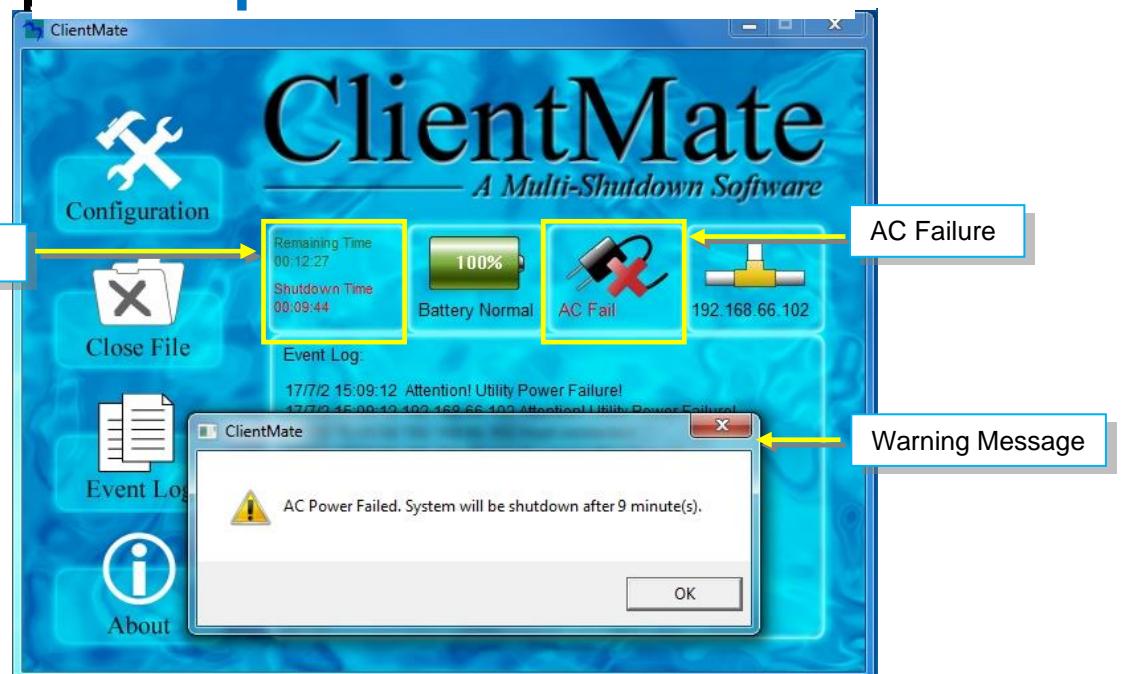
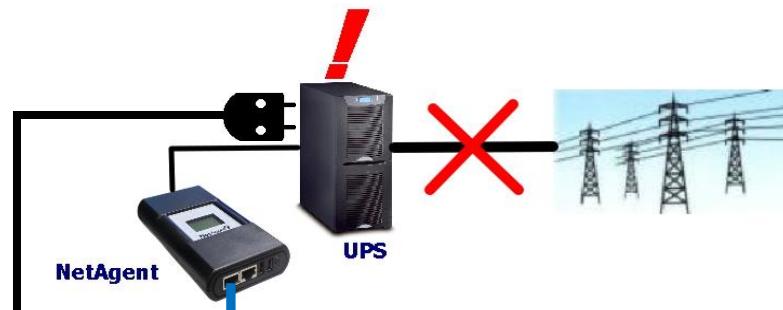
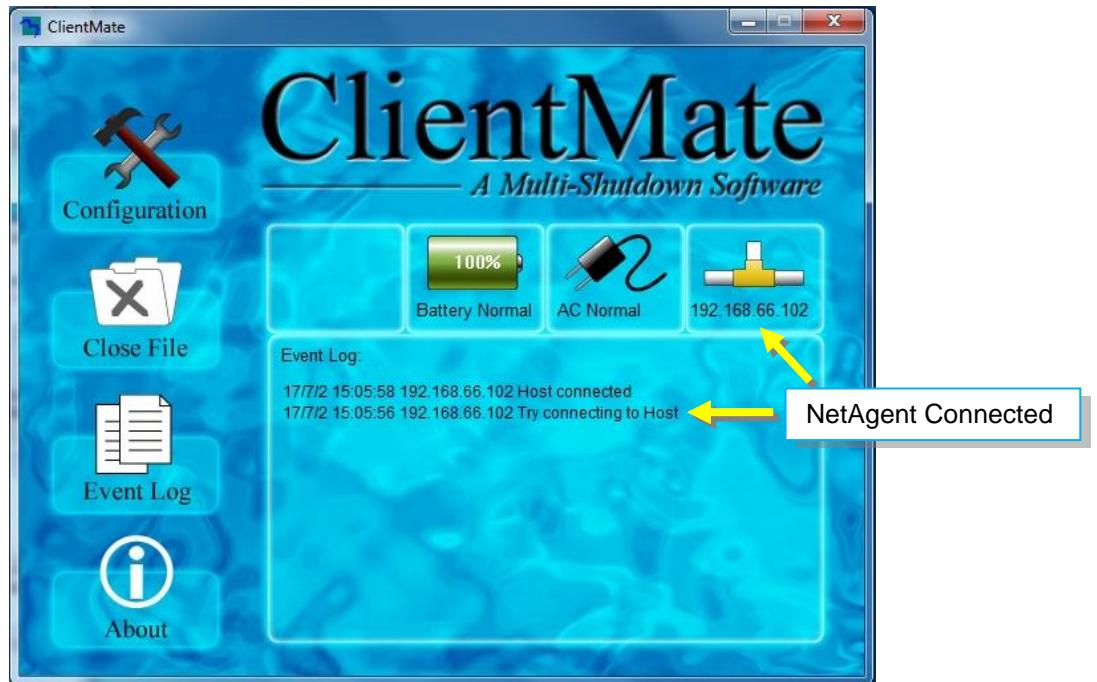


- Shutdown by ClientMate or ACPI
- To shut down by ClientMate, it can be select to be shut down or hibernation

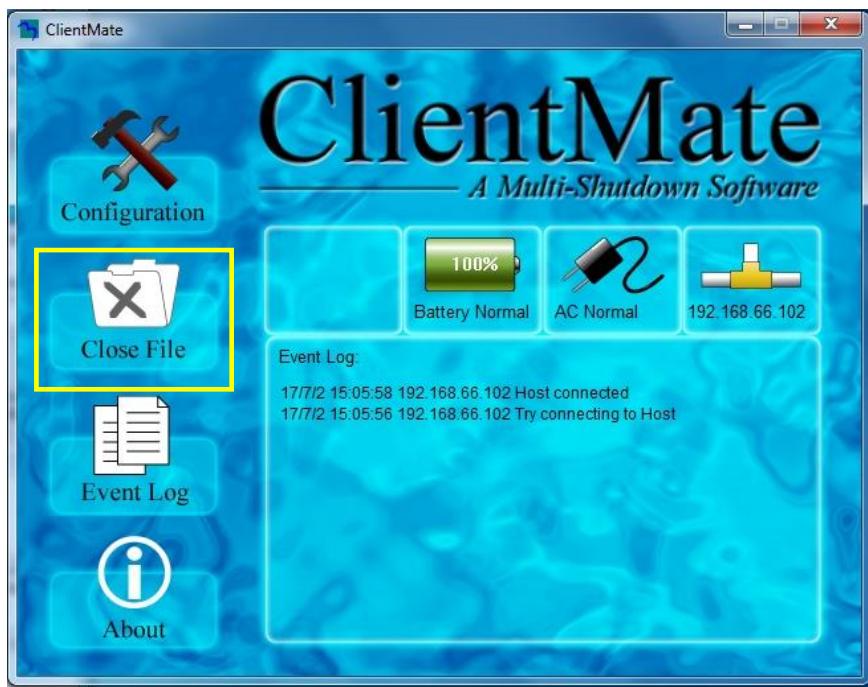
### Shutdown by Scheduling



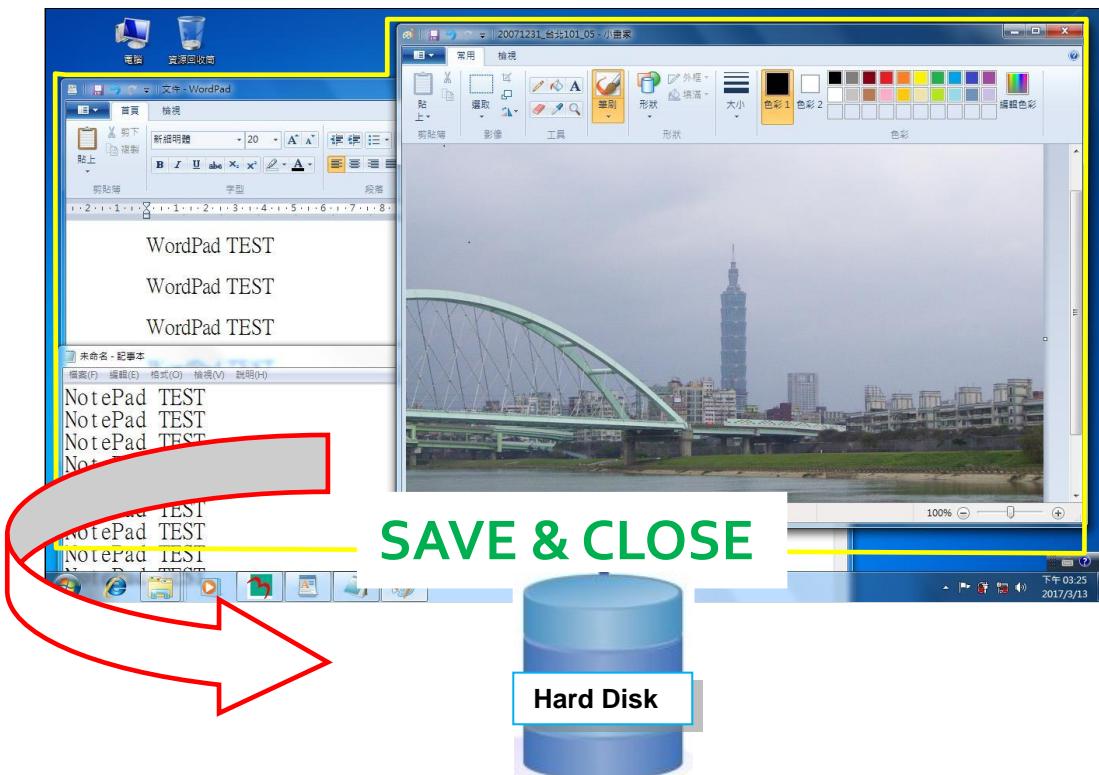
To turn off UPS after shutdown

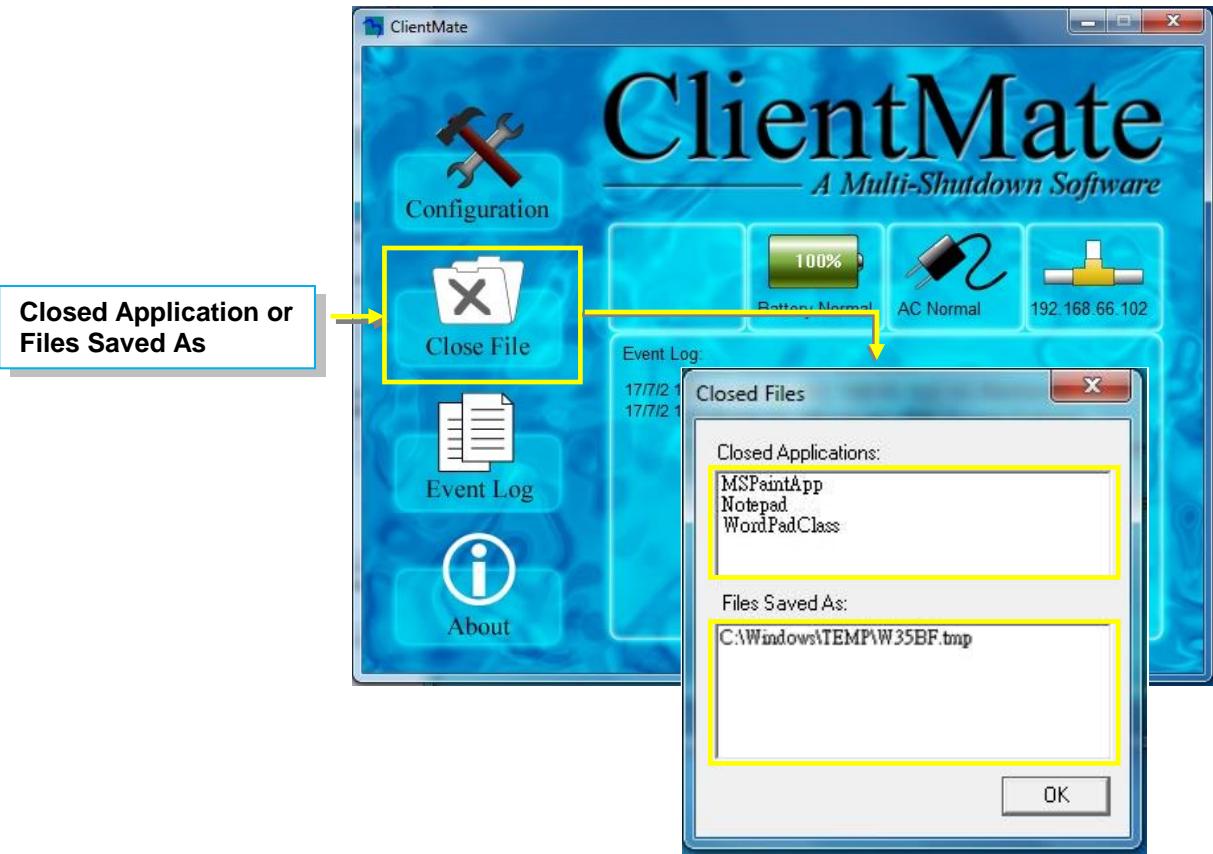


## Close File

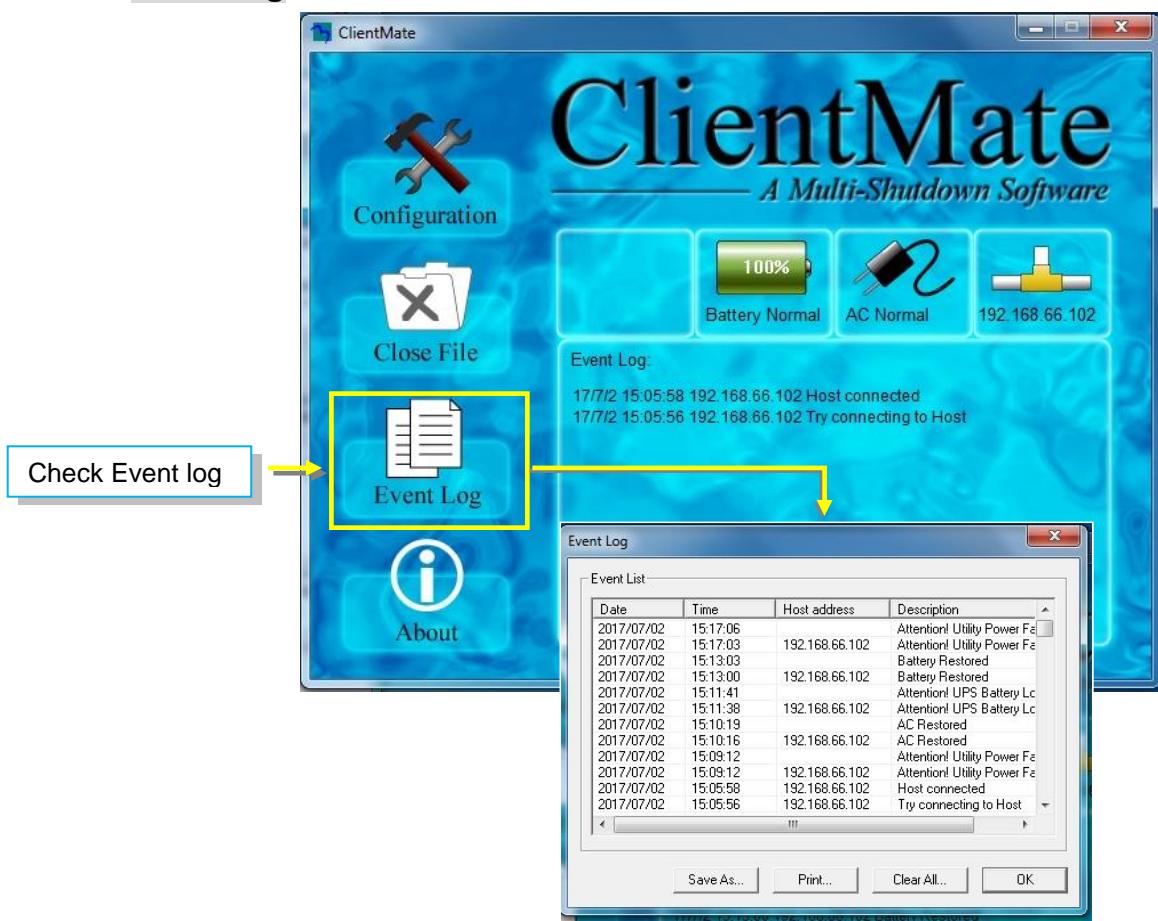


If select to auto save file before shutdown, ClientMate will save the file and file can be check from Closed File

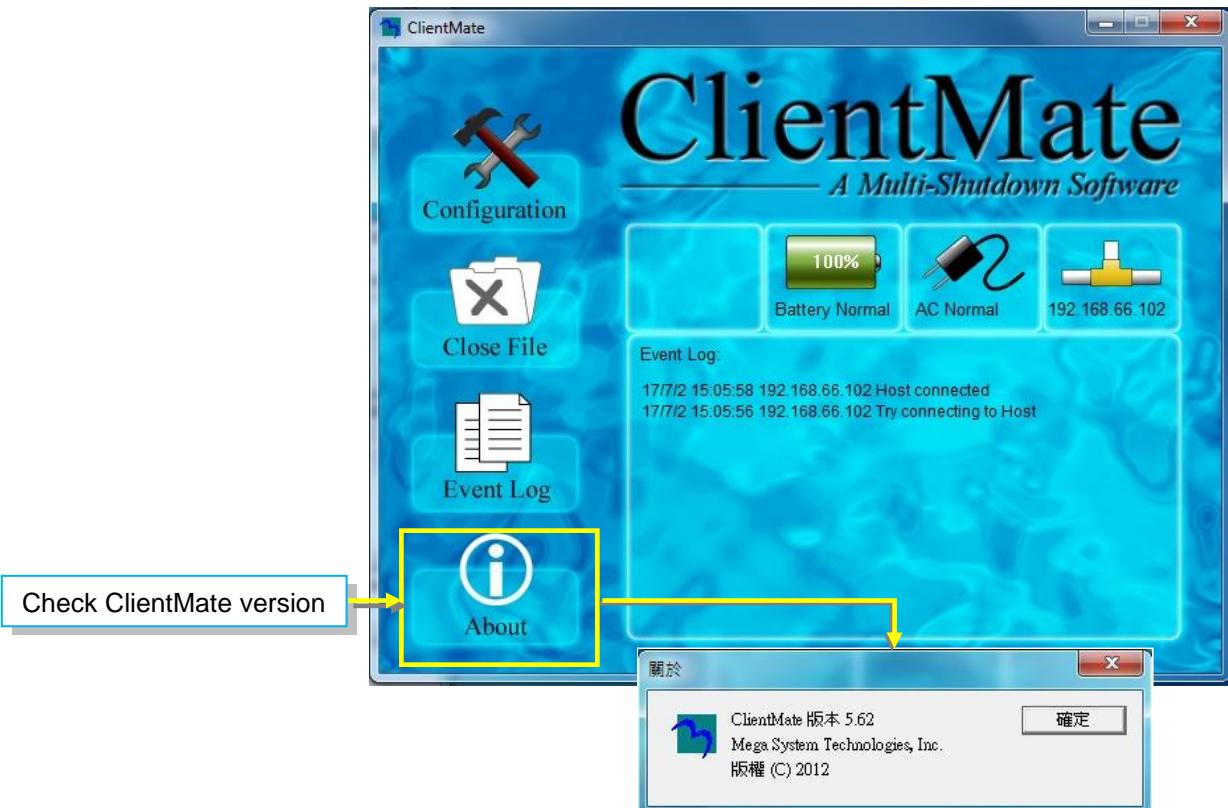




## Event Log



## About



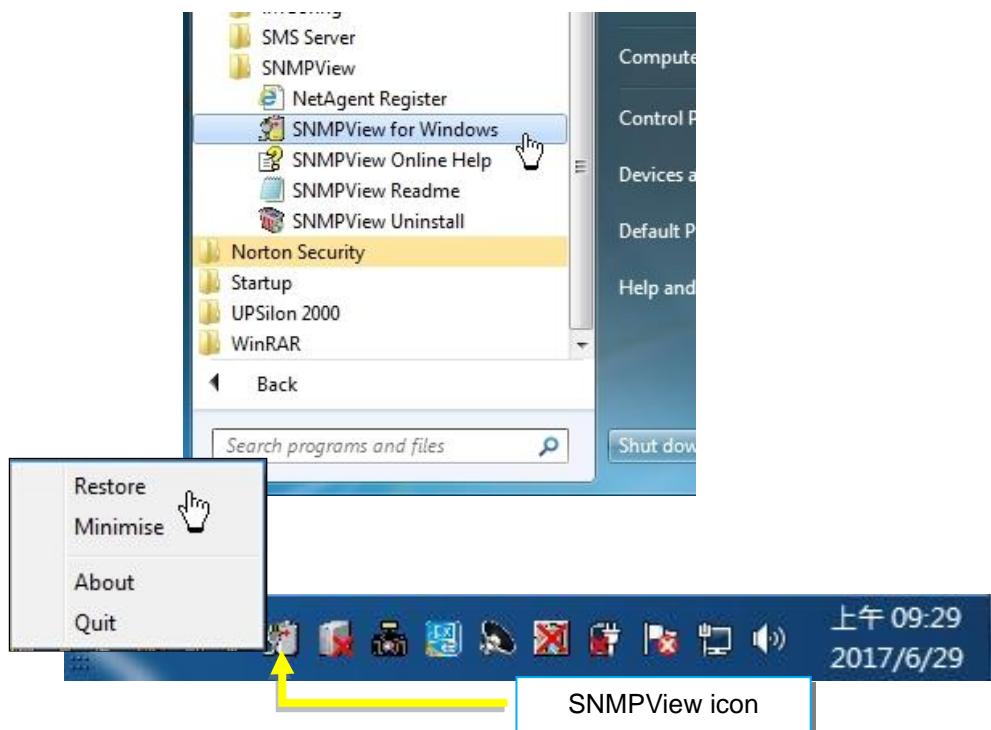
## Chapter 7. SNMP View

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 Station**

**Connection Information**

**NetAgent and UPS Info**

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

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 IDC	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													

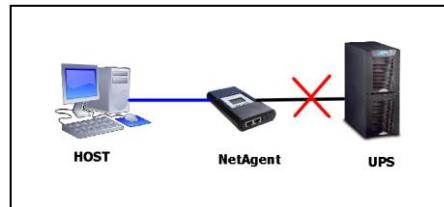
### NetAgent Info

### UPS connection status and information

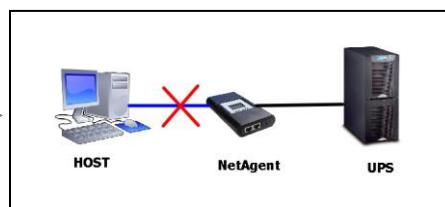
### NetFeeler Status

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

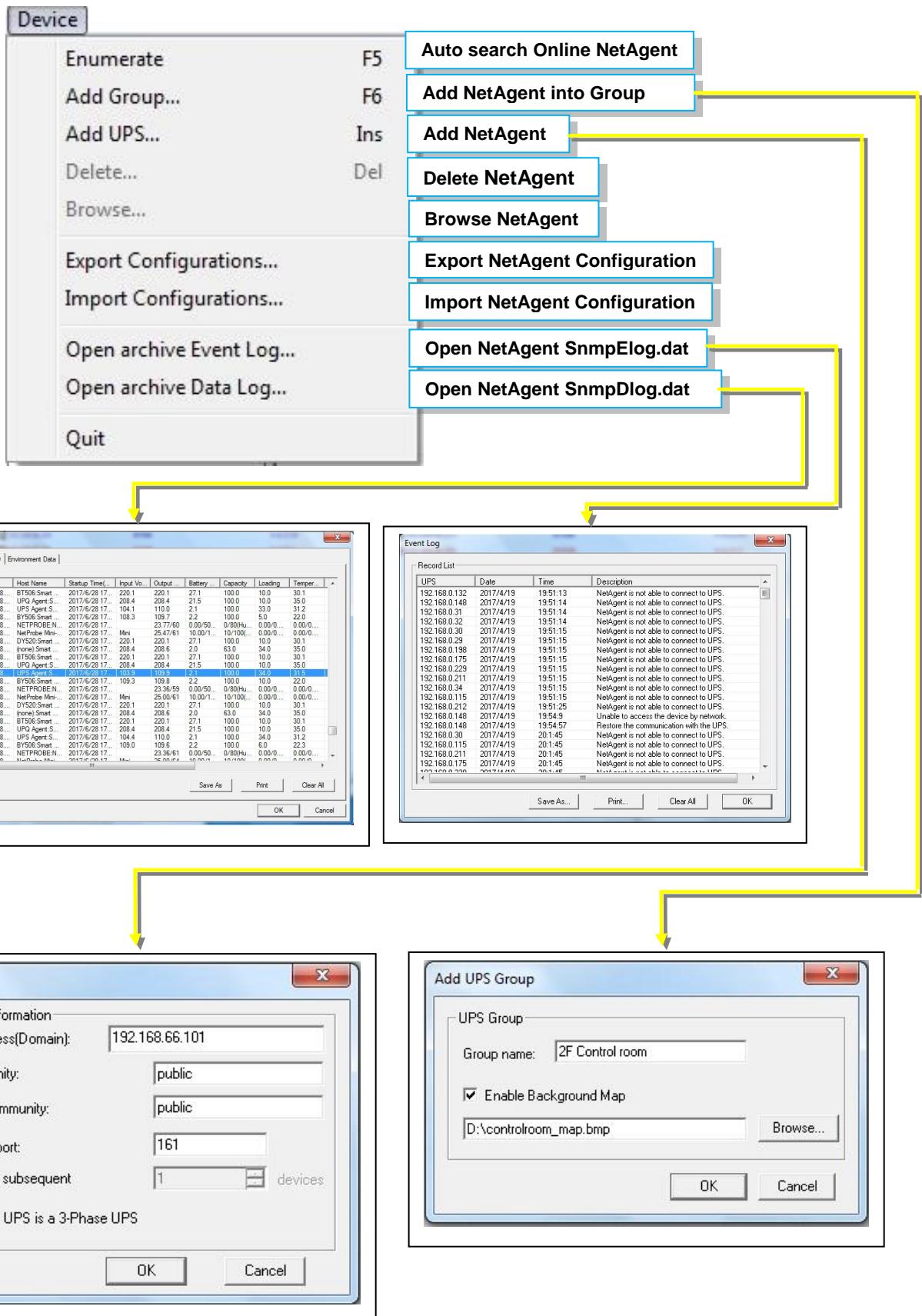
### Disconnection between NetAgent and UPS



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



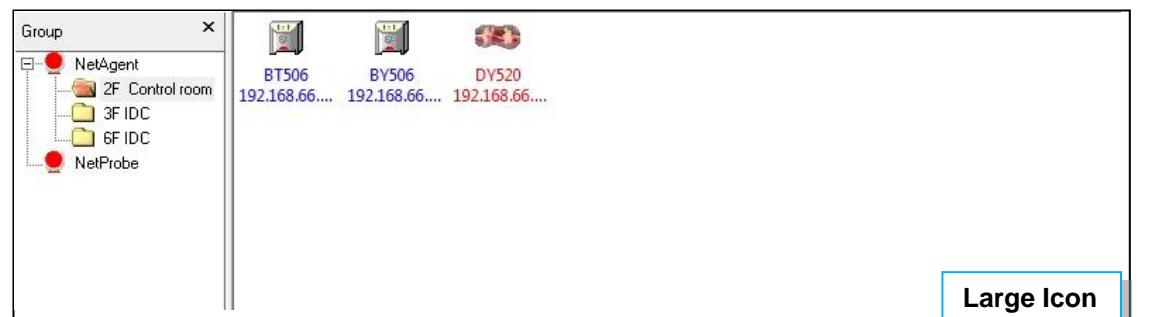
## Setting Tab/Device



## View

- Large Icons
- Small Icons
- Details
- Map Background

To view NetAgent with different mode



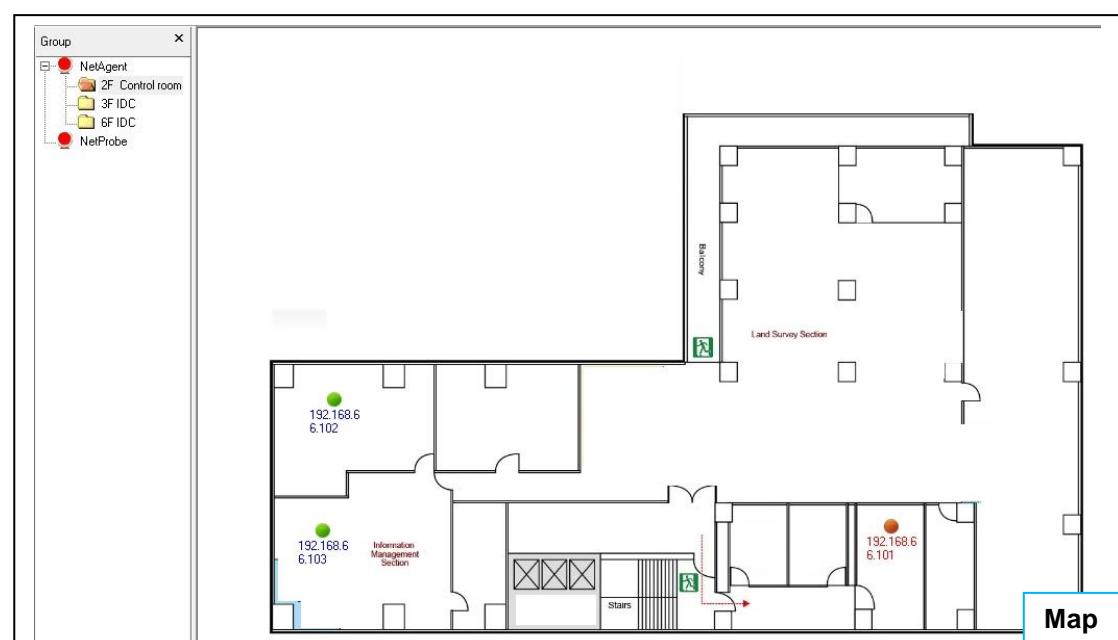
**Large Icon**

Group	UPS	Host Name	Startup Time(D-H:M:S)	Manager	Location
NetAgent	192.168.66.102	BT506	0-5:42:46	Administrator	2F
2F Control room	192.168.66.103	BY506	0-5:3:39	Administrator	2F
3F IDC	192.168.66.101				
6F IDC					
NetProbe					

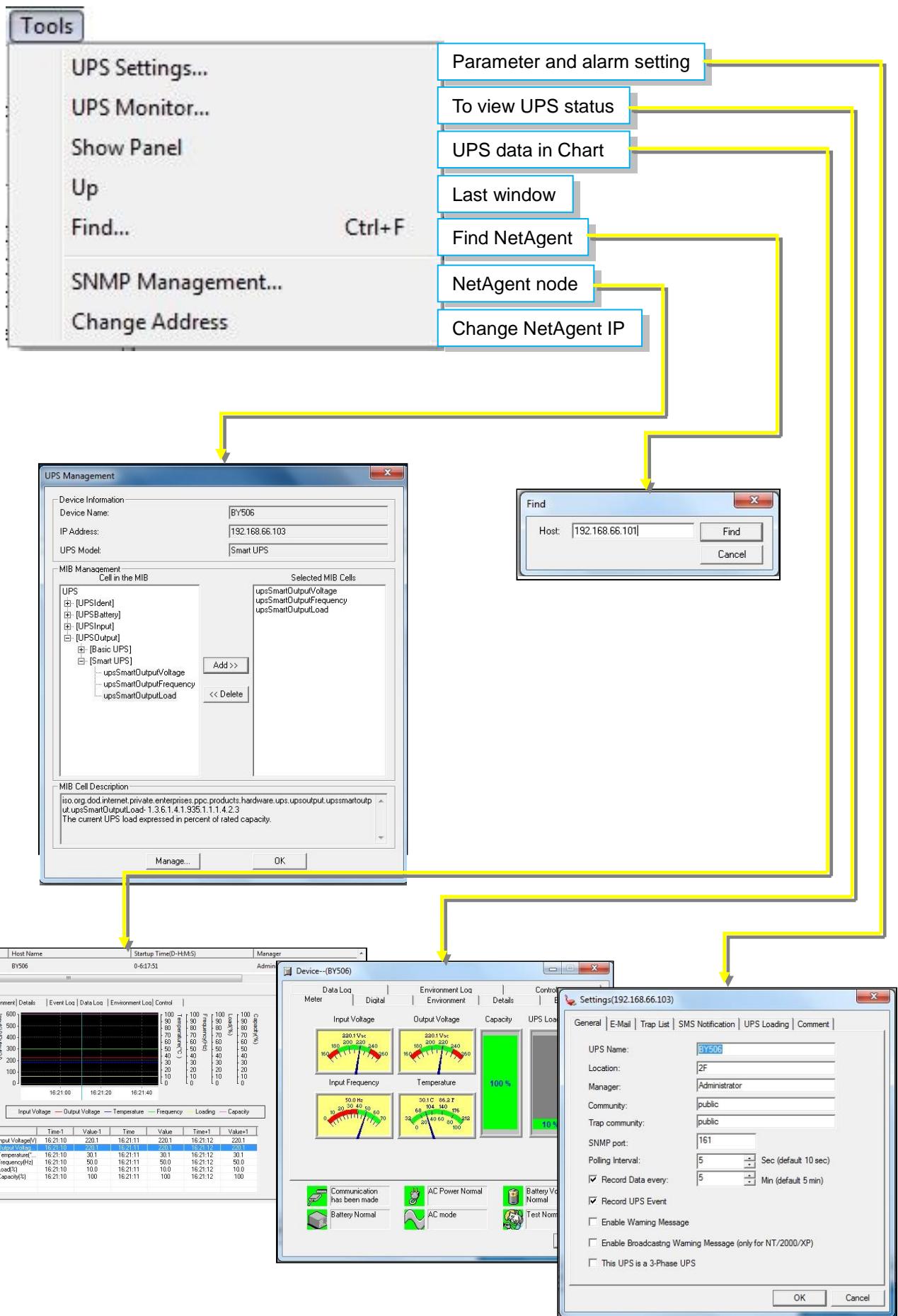
**Small Icon**

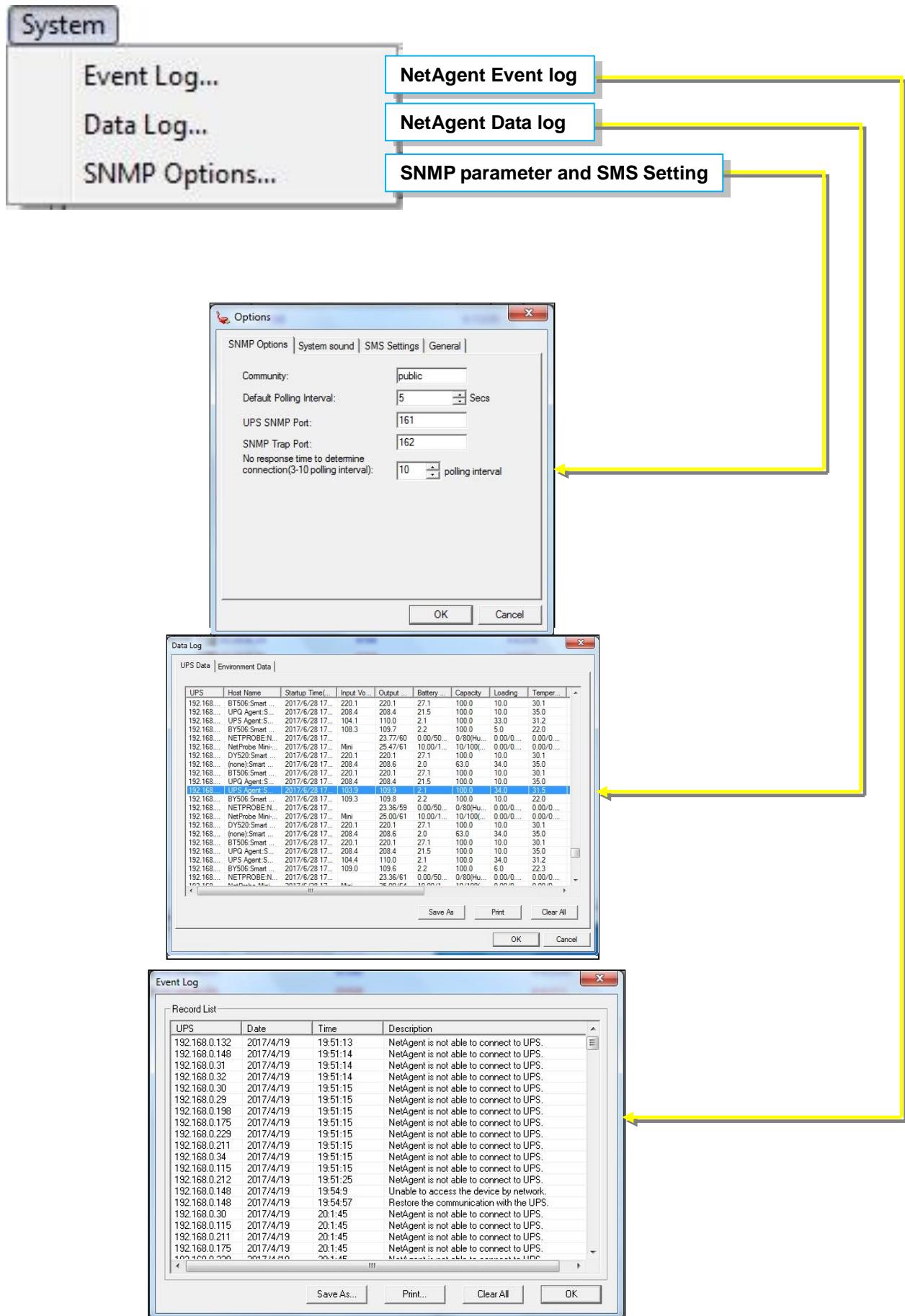
Group	UPS	Host Name	Location	Output Status	Connection Status	Temperature	Loading	Output Volta...	Capacity	AC Status	Battery Status	NetFeeler II	Manager
NetAgent	192.168.66.102	BT506	2F	AC mode	Connection Normal	30.1	10.0	220.1	100%	AC Normal	Battery Normal	Have	Administrator
2F Control room	192.168.66.103	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													

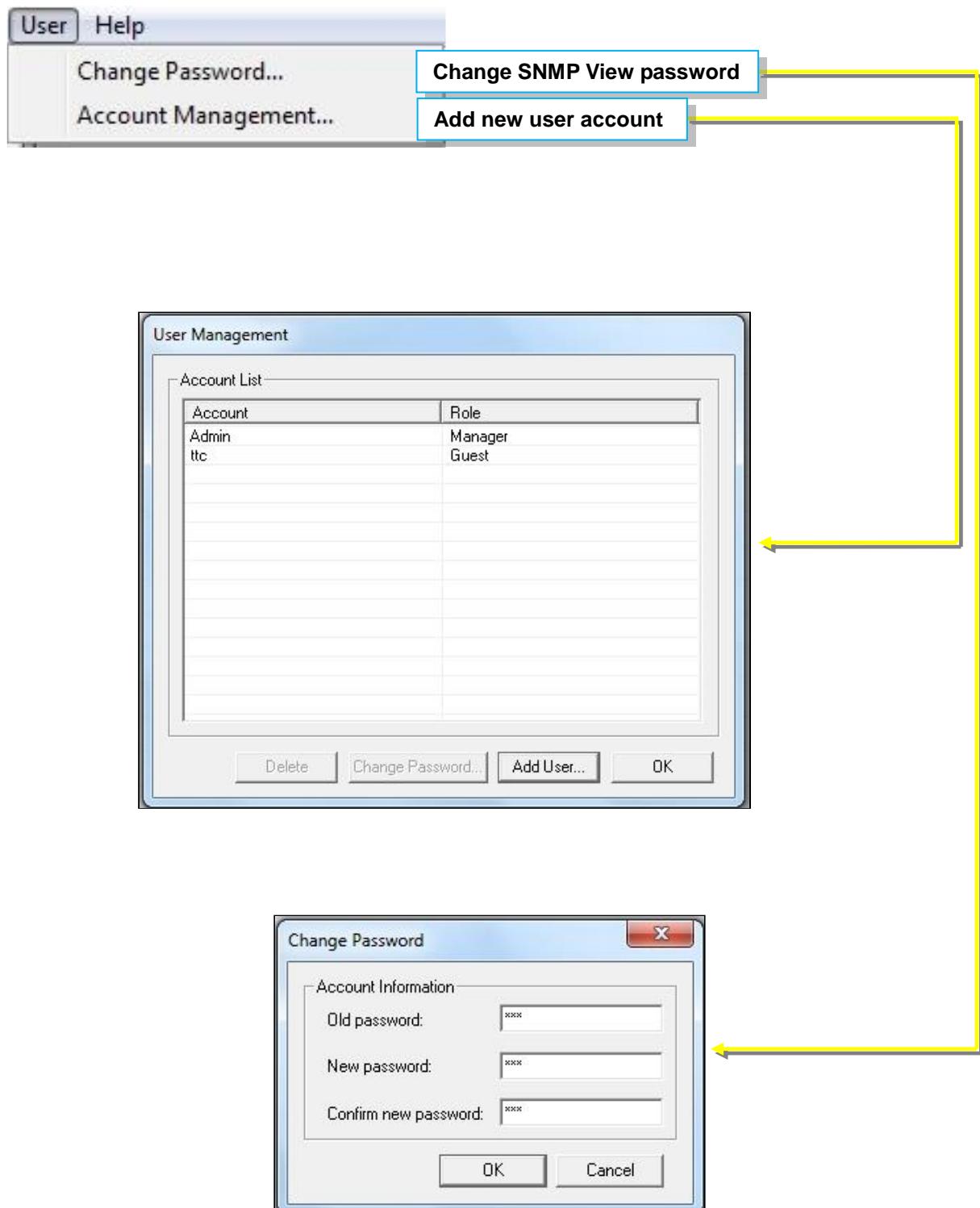
**Detail**

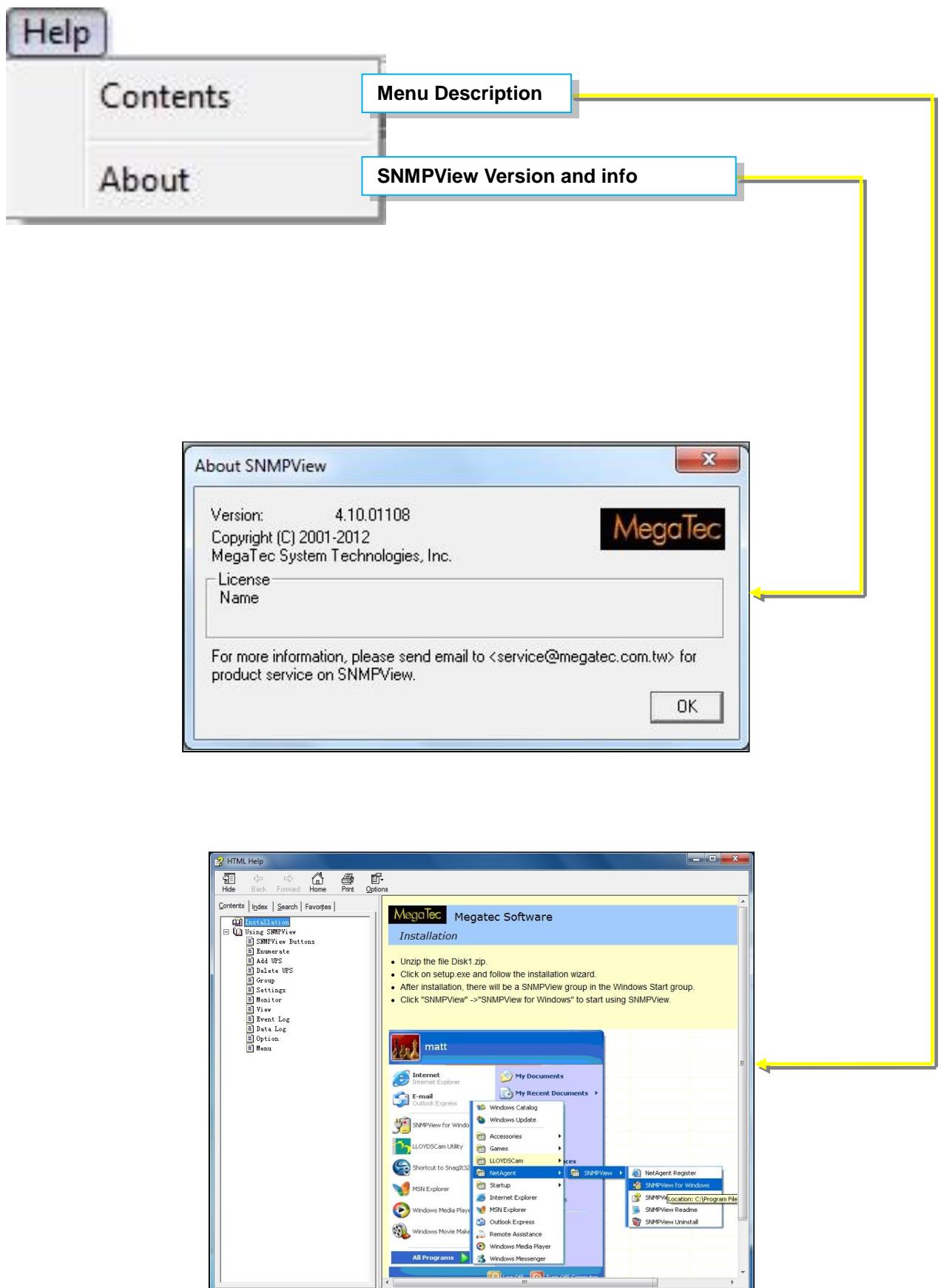


**Map**









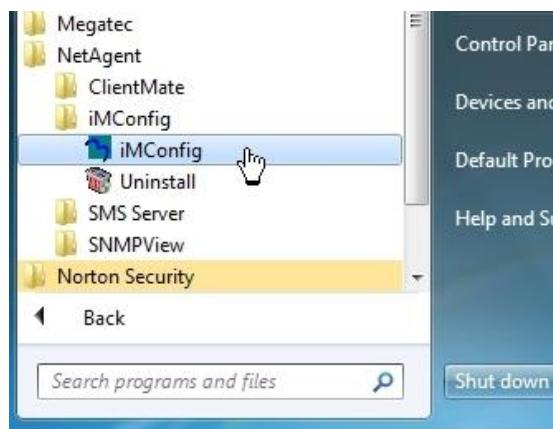
## Chapter 8. iMConfig

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

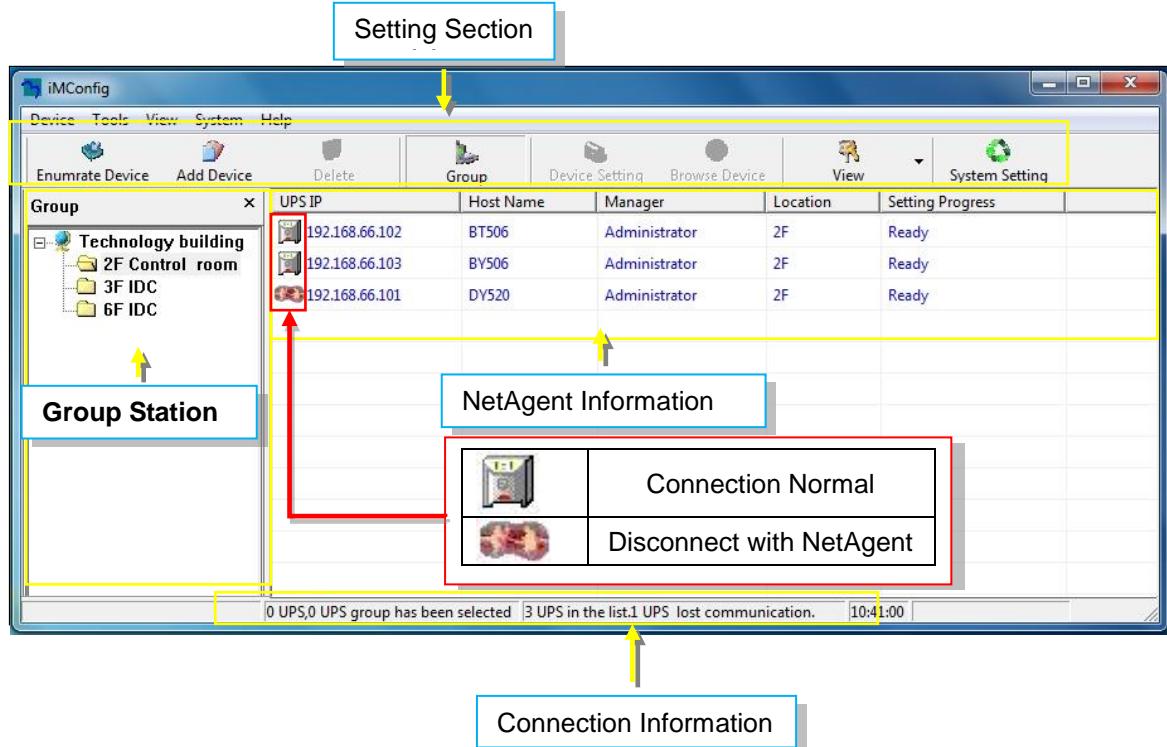
### Installation and setup

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

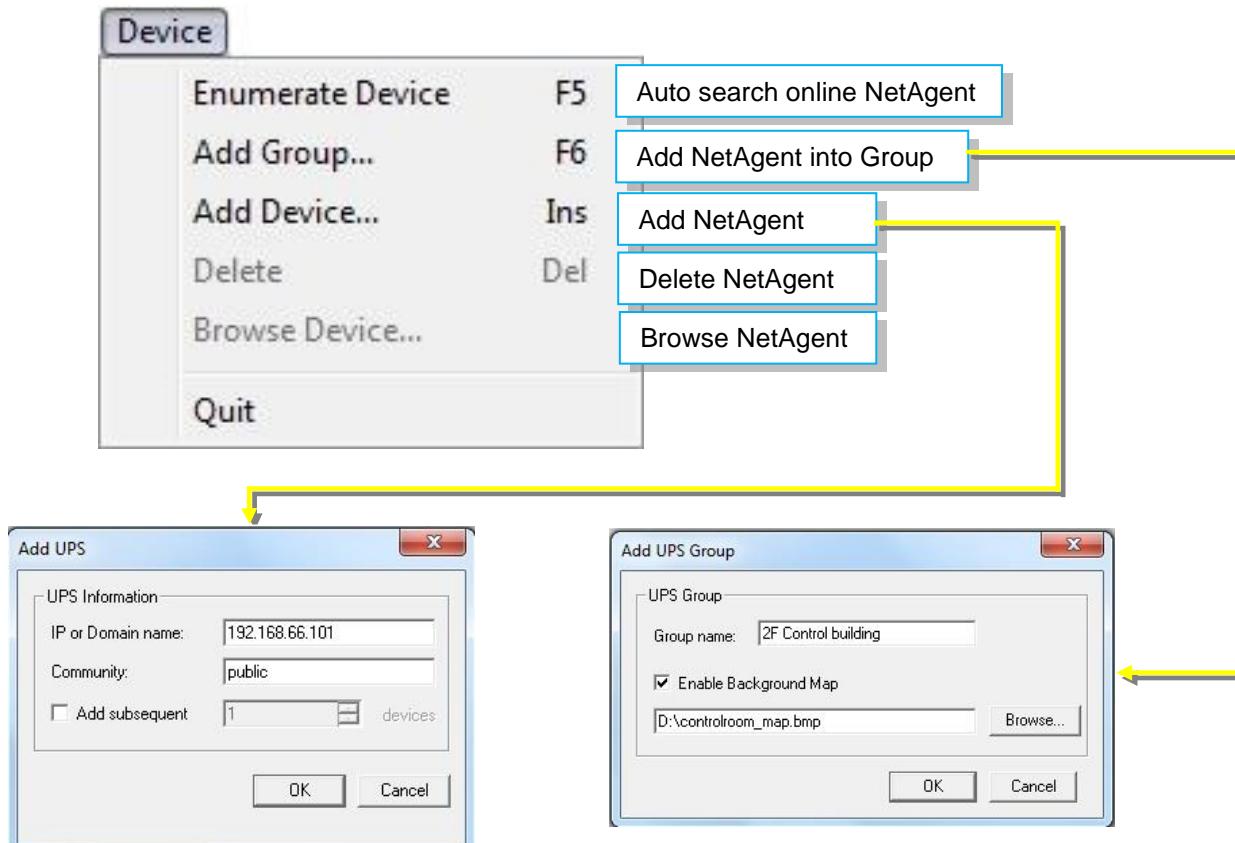
All Programs > NetAgent> iMConfig



### Operation Interface



## Setting Tab



## Tools



The screenshot shows the 'NetAgent Parameter Setting' dialog box with the following sections:

- UPS Properties**:
  - B.  UPS Communication Type: Contact Closure
  - C.  Number of Batteries
  - D.  Battery Full Charge Voltage (V)
  - E.  Battery Exhausted Charge Voltage (V)
  - F.  Date of last battery replacement (yyyy/mm/dd)
- UPS Recorded**:
  - G.  UPS Data Log: [ ] minute(s)
- Test UPS**:
  - H.  Test UPS every: [None] minute(s)
  - I.  Test UPS on Weekday: [Sunday]
  - J.  Start Time of UPS Test (hh:mm)
  - K.  UPS Test Type: [10-Second Test] minute(s)
- Warning Threshold Value**:
  - L.  Time out after loss of connection: [30 seconds]
  - M.  Critical Load (%): [ ]
  - N.  Critical Temperature (Celsius): [ ]
  - O.  Critical Capacity (%): [ ]

At the bottom are OK and Cancel buttons.

## View

- Large Icons
- Small Icons
- Map Background

View with different mode

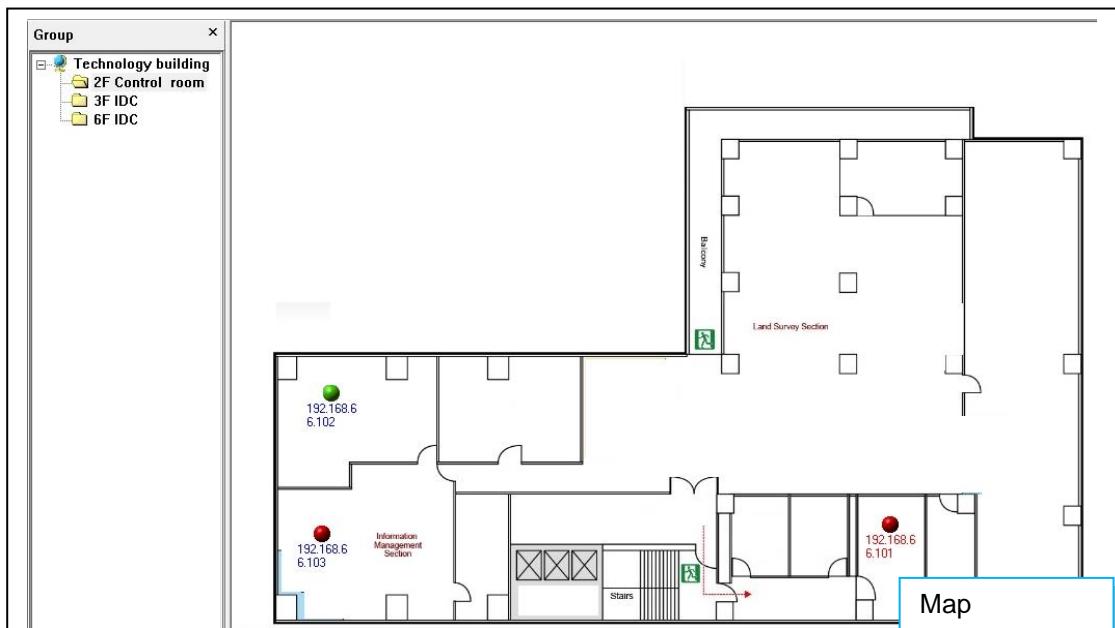


Large icon

This screenshot shows a table view of equipment details. On the left, a tree view shows the 'Technology building' with '2F Control room', '3F IDC', and '6F IDC'. The main area displays a table with columns for UPS IP, Host Name, Manager, Location, and Setting Progress. The same three devices from the previous screenshot are listed here, all marked as 'Ready'.

UPS IP	Host Name	Manager	Location	Setting Progress
192.168.66.102	BT506	Administrator	2F	Ready
192.168.66.103	BY506	Administrator	2F	Ready
192.168.66.101	DY520	Administrator	2F	Ready

Small icon

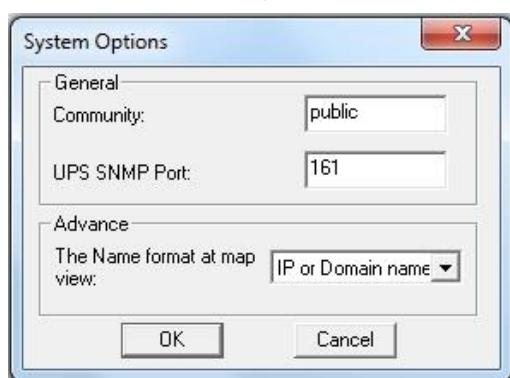


Map

System

System Options...

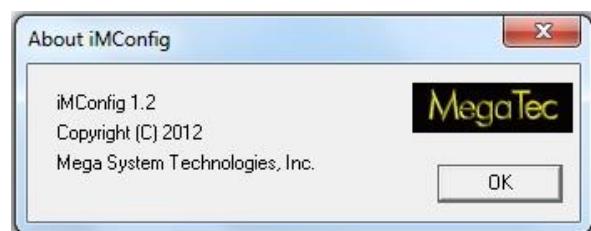
SNMP community & port setting



Help

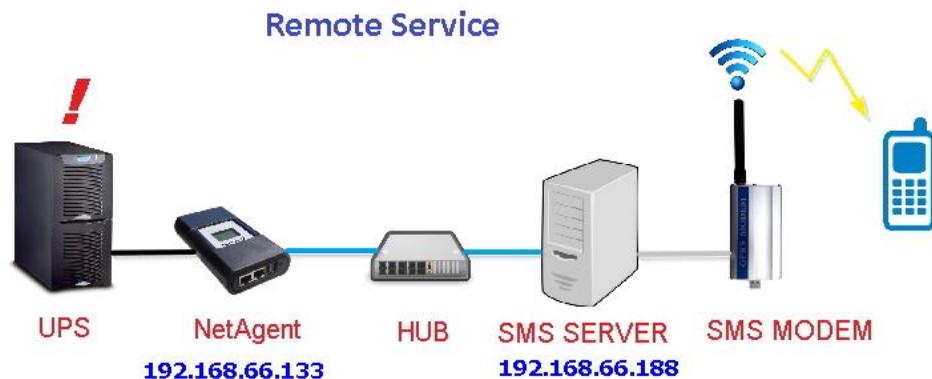
About iMConfig...

iMConfig Version

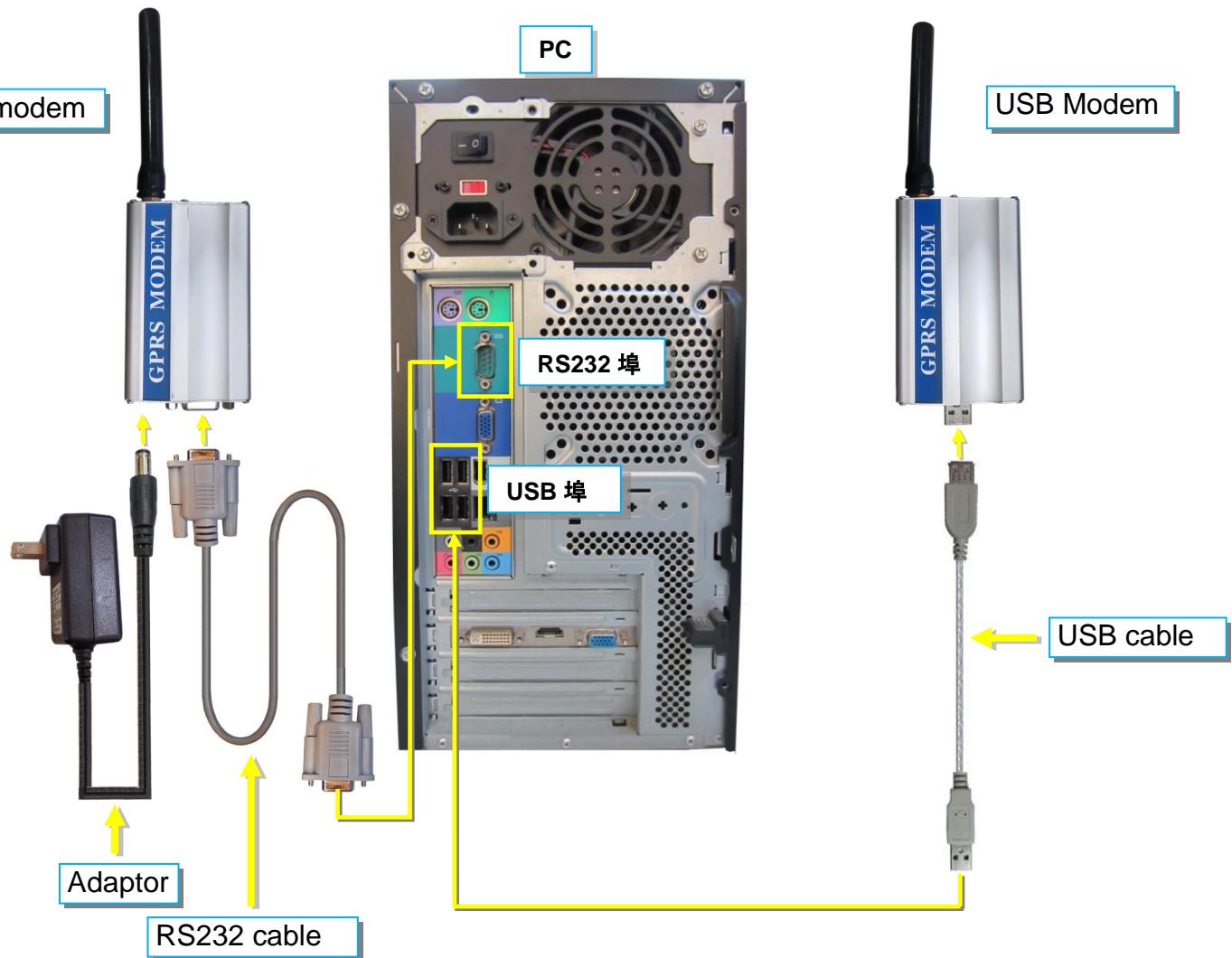


## Chapter 9. SMS Server Software

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



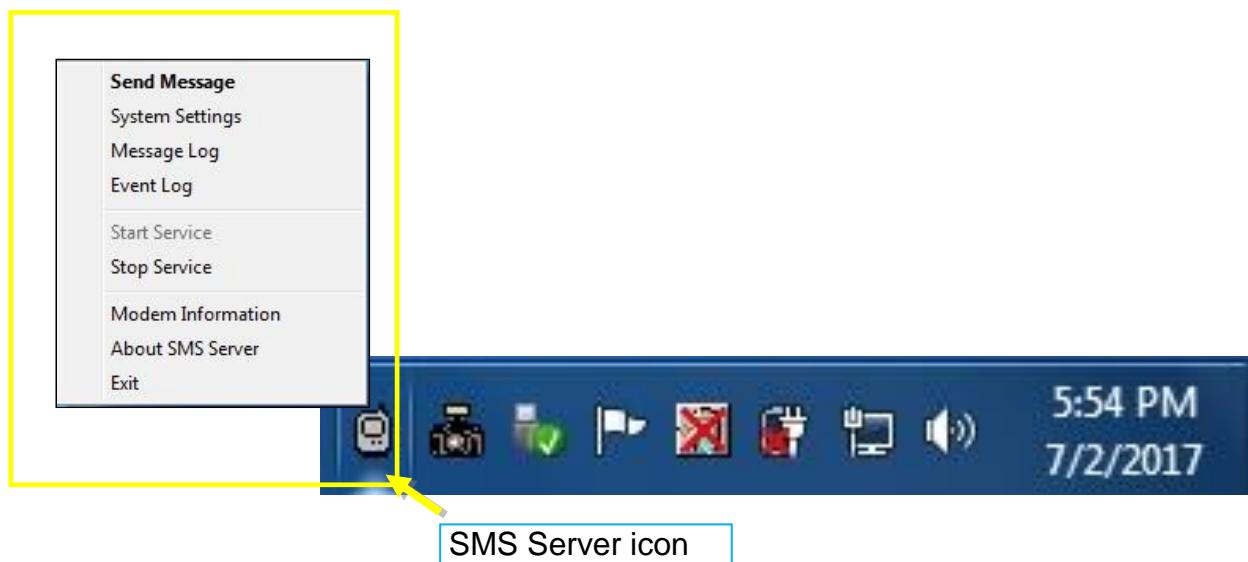
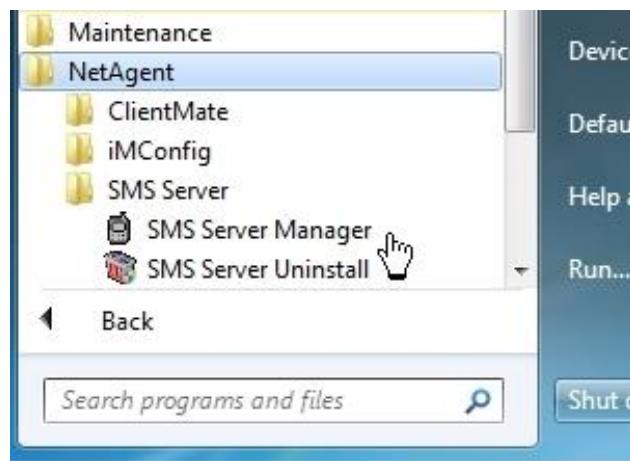
### Modem Installation



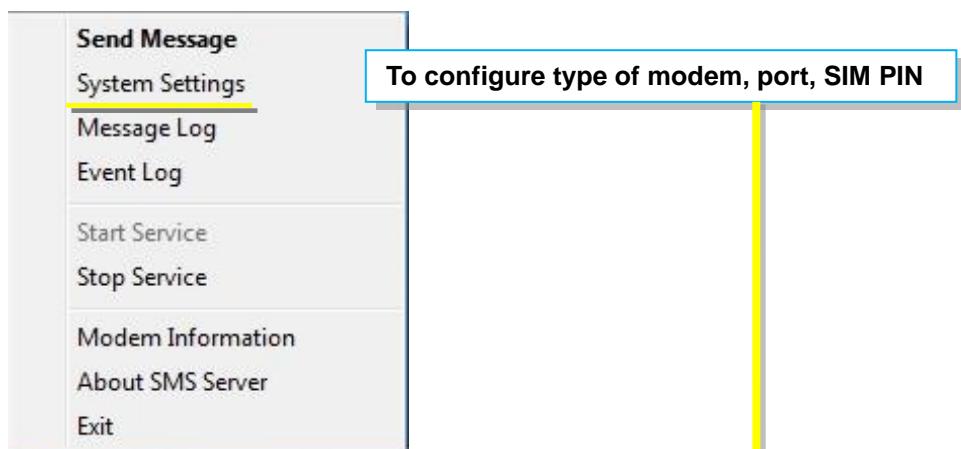
## SMS Server Software Installation

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

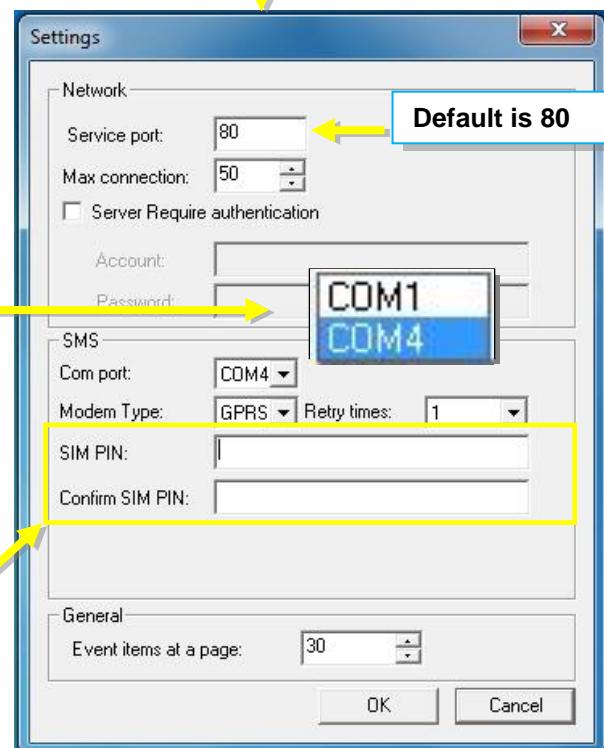


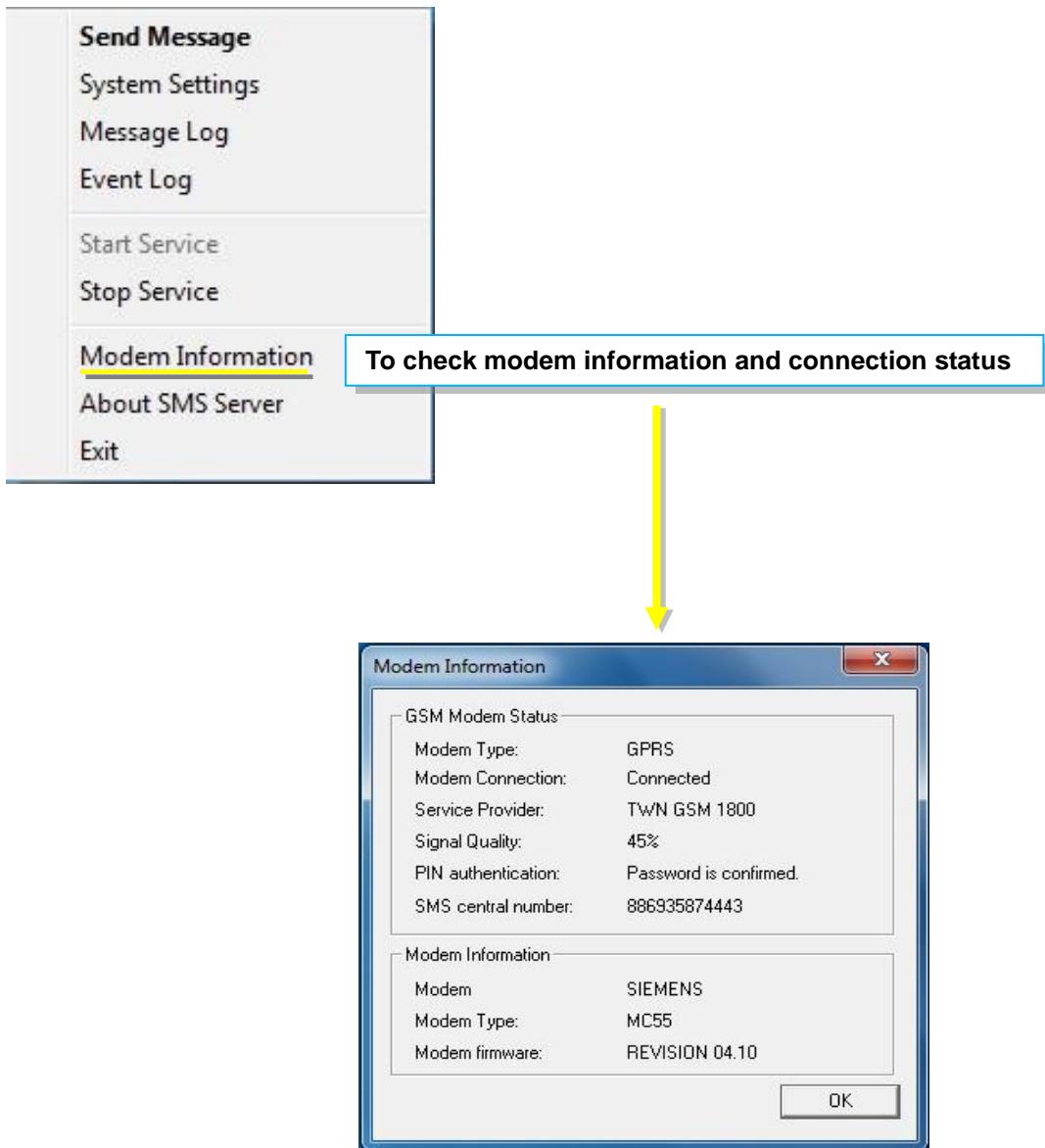
## Settings



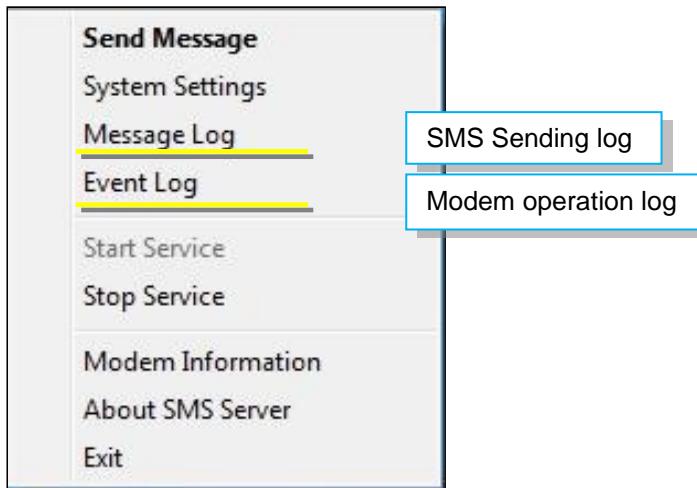
Check the virtual port number when using with USB modem

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



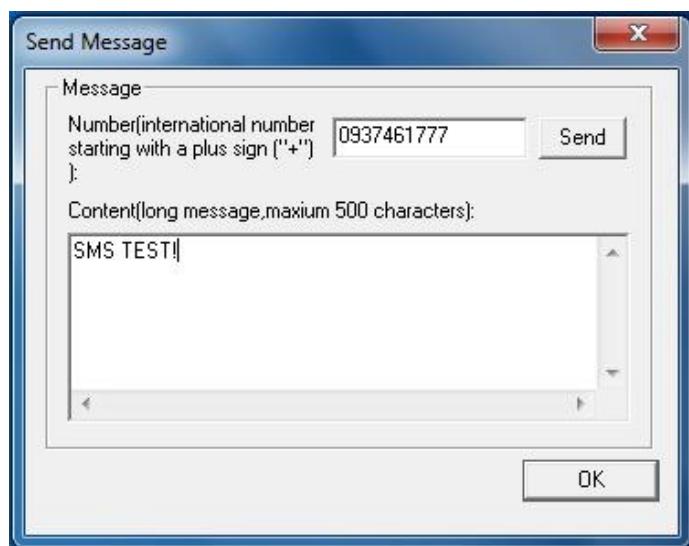
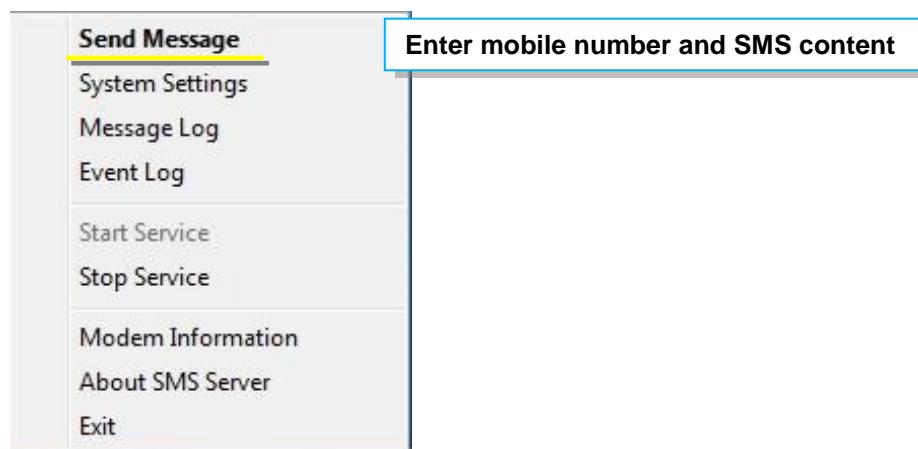
**Event List**

NO.	Type	Number	Address	Result	Time	Content
1	System I...	000000000000	127.0...	FAIL	2017/05/14 11:39:04	Serial commun
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 commun
4	Send	0955655657	192.1...	OK	2017/05/10 19:13:44	UPS Agent(My
5	Send	0917461025	192.1...	OK	2017/05/10 19:14:59	UPS Agent(My
6	Send	0922726209	192.1...	OK	2017/05/10 19:22:33	UPS Agent(My
7	Send	0955955657	192.1...	OK	2017/05/10 19:23:14	UPS Agent(My
8						
9						
10						
11						
12						
13						
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46						

Message List

is page 1, there are 30 items in this page, total 46 pages. Double-Click to fresh

First Page | Last Page | Page Up | Page Down | Page: 1 | Delete... | OK



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

The screenshot shows a web-based configuration interface for NetAgent. On the left, there is a sidebar with various configuration tabs. The 'SMS' tab is selected and highlighted with a yellow box. The main content area is titled 'Configuration > SMS' and contains two tabs: 'SMS Setting' and 'Mobile for Event Log'. The 'SMS Setting' tab is active. It includes fields for 'Send SMS When Event Occurs' (set to 'Use Remote Service'), 'SMS Server' (set to '192.168.66.188'), 'SMS Port' (set to '80'), 'Account Name' (empty), 'Password' (empty), and a 'Sending test SMS' field with a 'Test SMS' button. At the bottom right of the main content area are 'Apply', 'Reset', and 'Help' buttons.

## Chapter 10. Appendix

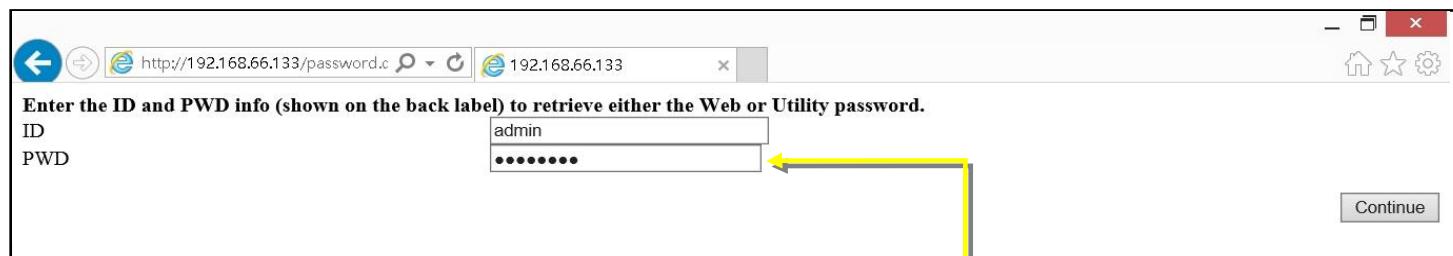
When Netility and NetAgent's username/password are lost, please follow the steps below to clear or check the configuration

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

