

NetAgent

UPS SNMP Agent

User's Manual

User Guide for NetAgent

Version 7.0

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Staco Energy Products, uses the DA806 or DX806 Internal Card for the SNMP option. Highlighted in this manual.

See Pages: 11, 12, 13, & 15

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Chapter 1. Introduction

1.1 Features

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

Features:

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

1.2 Applications

■ NetAgent allows UPS to be monitor on network

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

■ NetAgent Provides Shutdown Utilities

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

■ NetAgent II for Surrounding Monitoring

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

When we need the NetAgent?

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

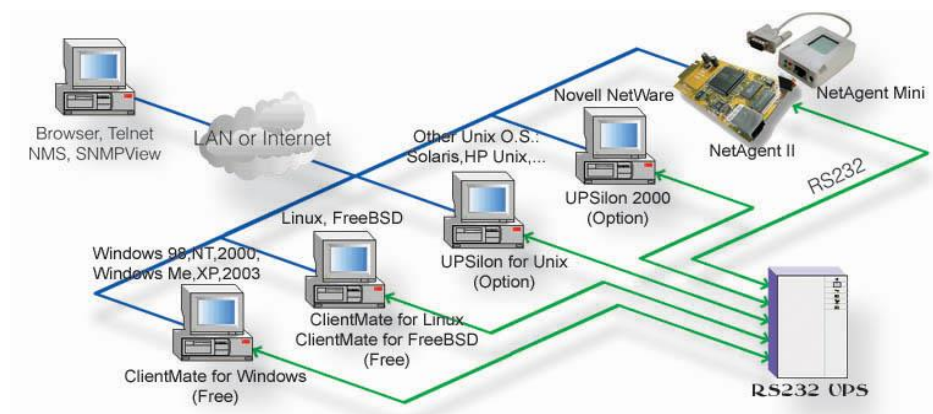


Fig.1 Network connection diagram of NetAgent and shutdown software

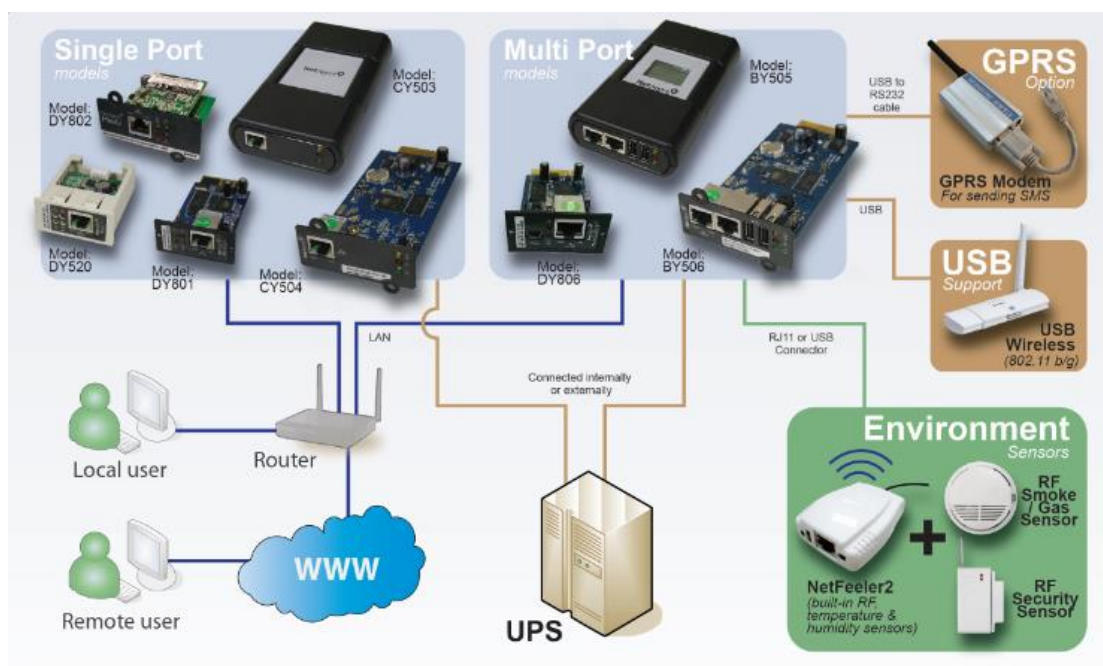


Fig.2 NetAgent 9 connection diagram with NetFeeler

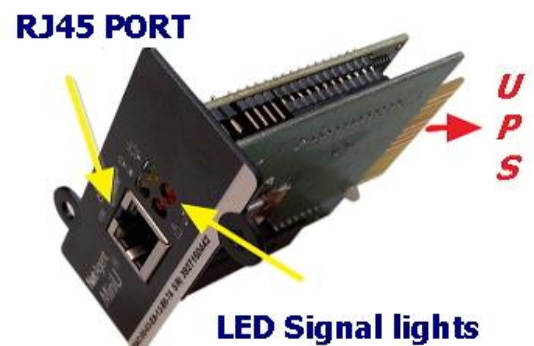
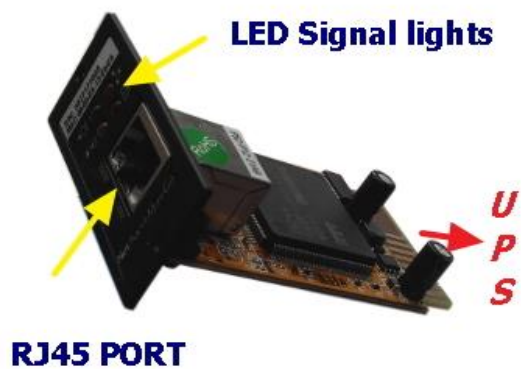
Chapter 2. NetAgent Series

2.1 NetAgent Mini

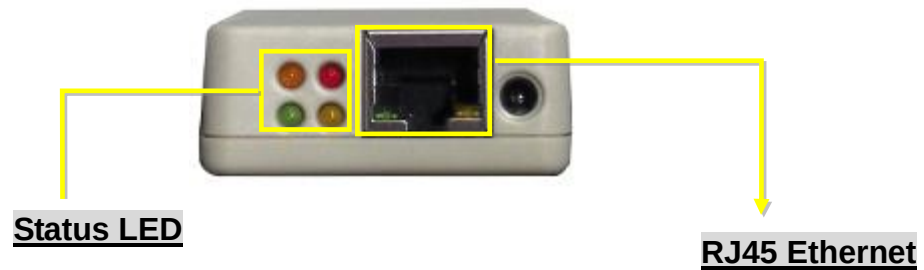
NetAgent Mini Model									
Model Name	Package Contents	Internal	External	RJ45 Port	RS232 Port	ENV Port	USB Port	Single Phase	Three Phase
DP520 DT520	1. NetAgent Mini SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
DP801 DT801	1. NetAgent Mini SNMP Card 2. NetAgent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

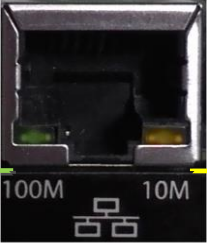
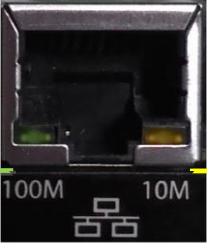
DP/DT520	DP/DT522	DP/DT523	DP/DT532
			
DP/DT801	DP/DT802	DP630	
			



2.1.2 NetAgent Mini LED Indication



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

Green 		Yellow 	
On	Flashing	On	Flashing
100 Mbps	Sending/Receiving Data	10 Mbps	Sending/Receiving Data

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

2.2 NetAgent II Models

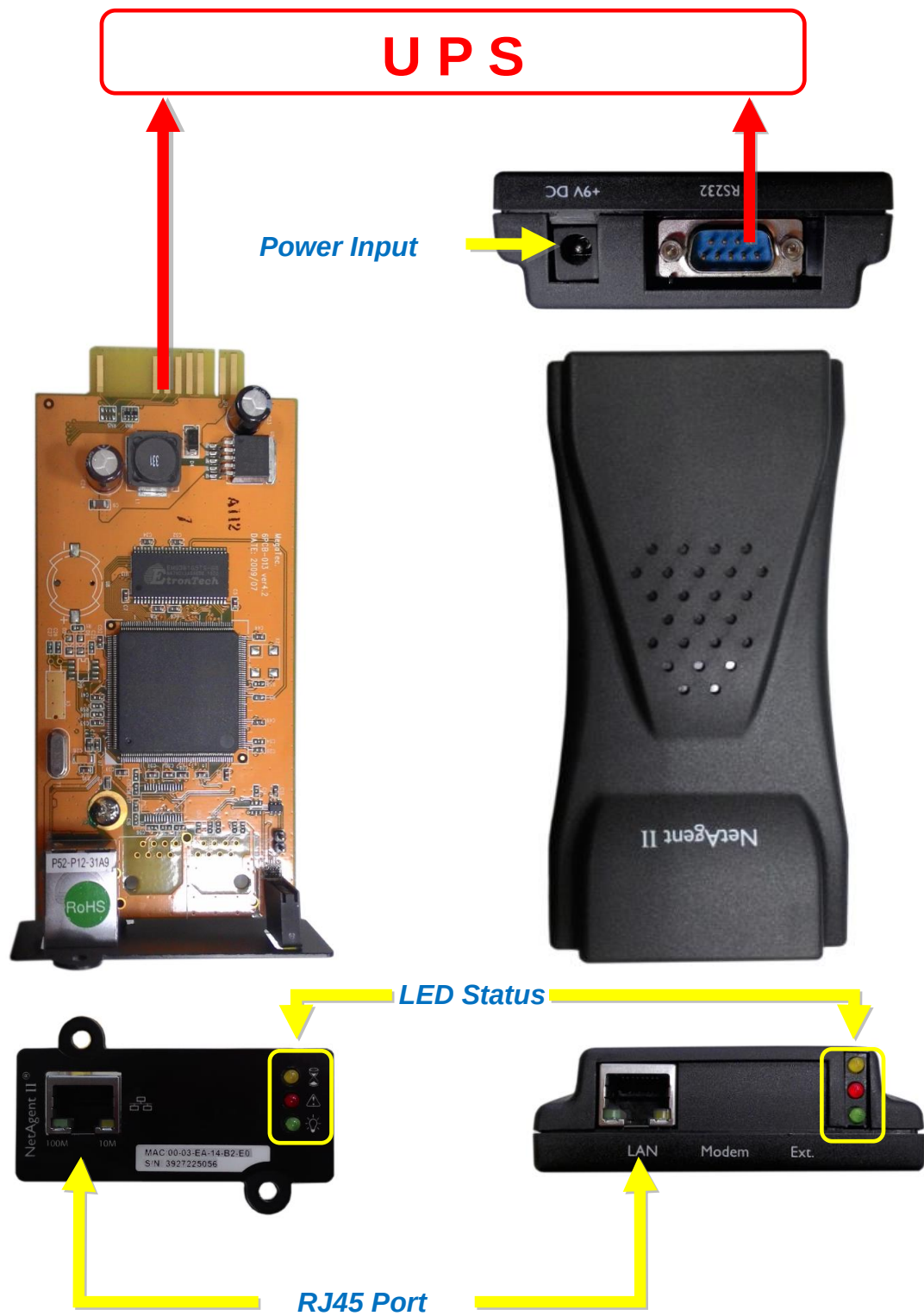
NetAgent II Model									
Model Name	Package Content	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
CP503 CT503	1. NetAgent SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional) 4. M2501 Cable(For Dry Contact UPS) 5. M2502 or M2505 Cable(For RS232 UPS) 6. Adaptor		V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

NOTE : Model CP/CT are discontinued.

2.2.1 NetAgent II Outlook

CP/CT 503	CP/CT 504
	
BT505	BT506
	

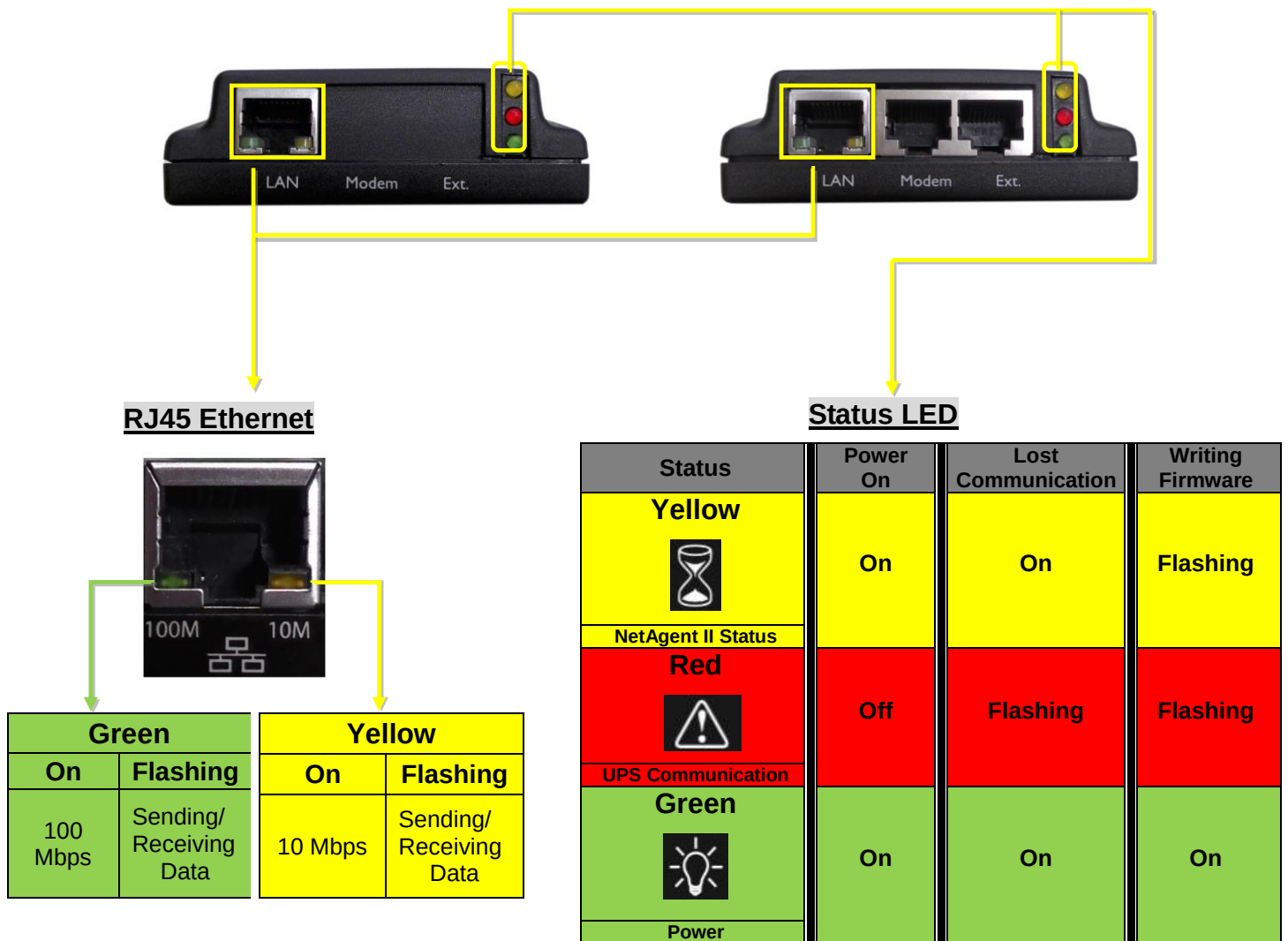
◆ One Port NetAgent II



◆ Three Ports NetAgent II



2.2.2 NetAgent II Led Indication



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



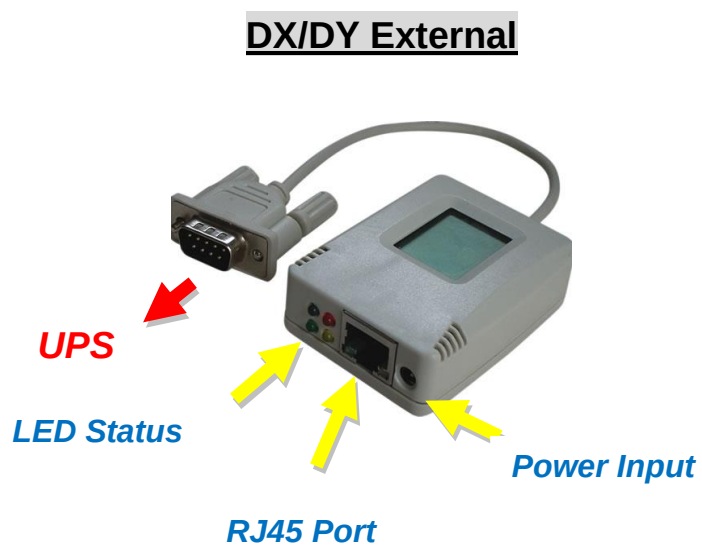
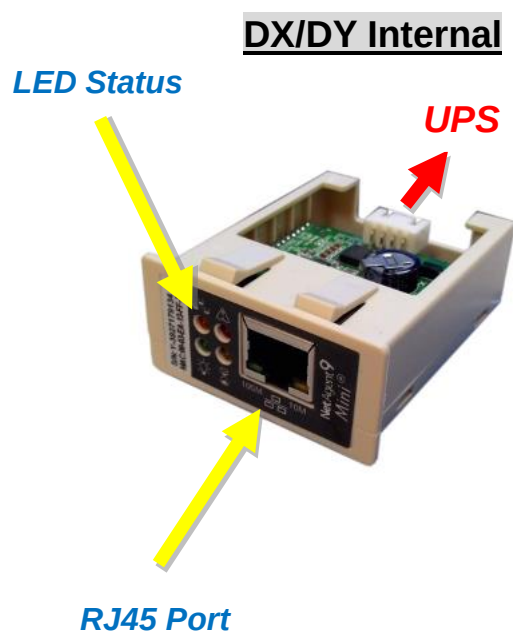
2.3 NetAgent Mini 9/ NetAgent 9

NetAgent Mini 9 Models

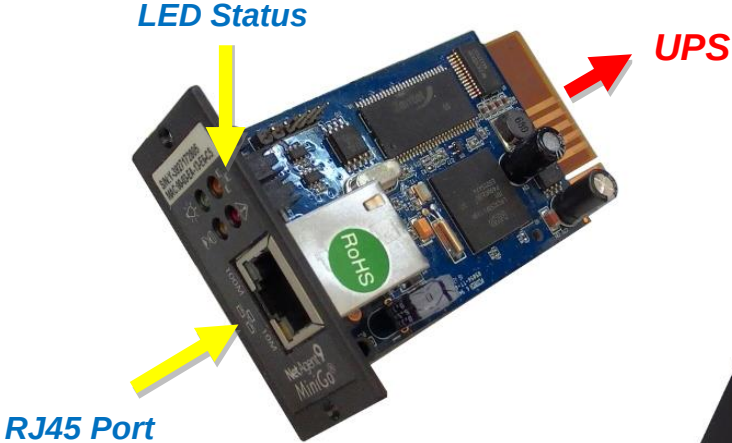
NetAgent Mini 9 Model									
Model Name	Package Contents	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
DX520 DY520	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3. Quick Installation Guide (Optional)	V		V				V	V
DX801 DY801	1. NetAgent Mini 9 SNMP Card 2. NetAgent Utility CD 3.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

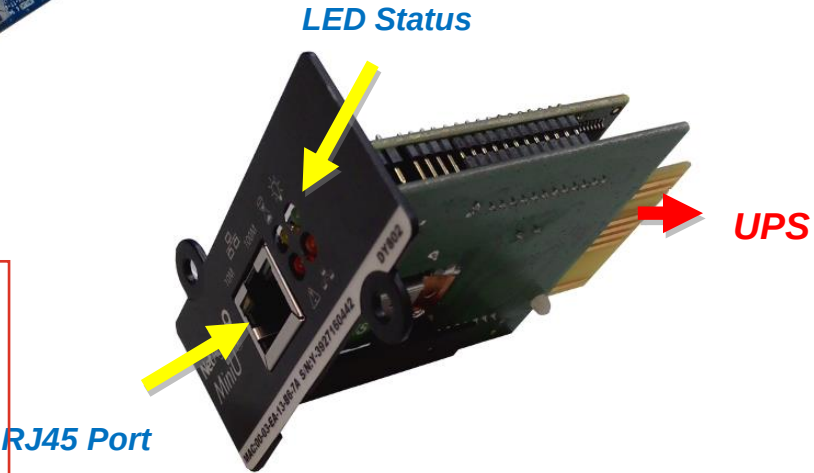
NetAgent Mini 9 Series			
DX/DY 520	DX/DY 522	DX/DY 523	DX/DY 532
			
DX/DY 801	DX/DY 802	DX/DY 806	DY 807
			
DX/DY 630			
			



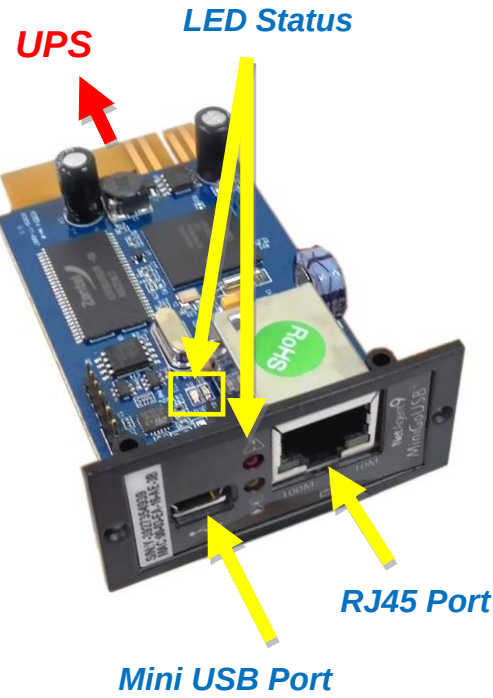
DX/DY 801



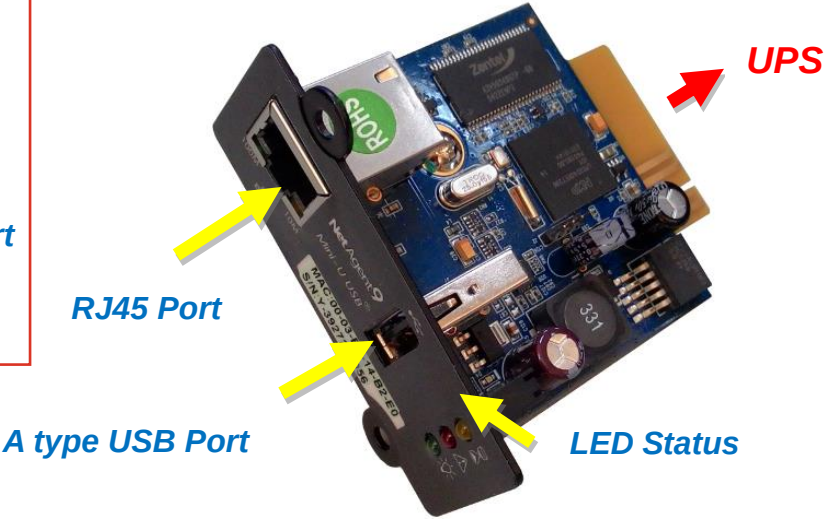
DX/DY 802



DX/DY 806



DY 807



2.3.2 NetAgent Mini 9 LED Indication



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



Green		Yellow	
On	Flashing	On	Flashing
100 Mbps	Sending/Receiving Data	10 Mbps	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

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

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



D4
Blue

Communication Status
Flashing
Sending/Receiving Data



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

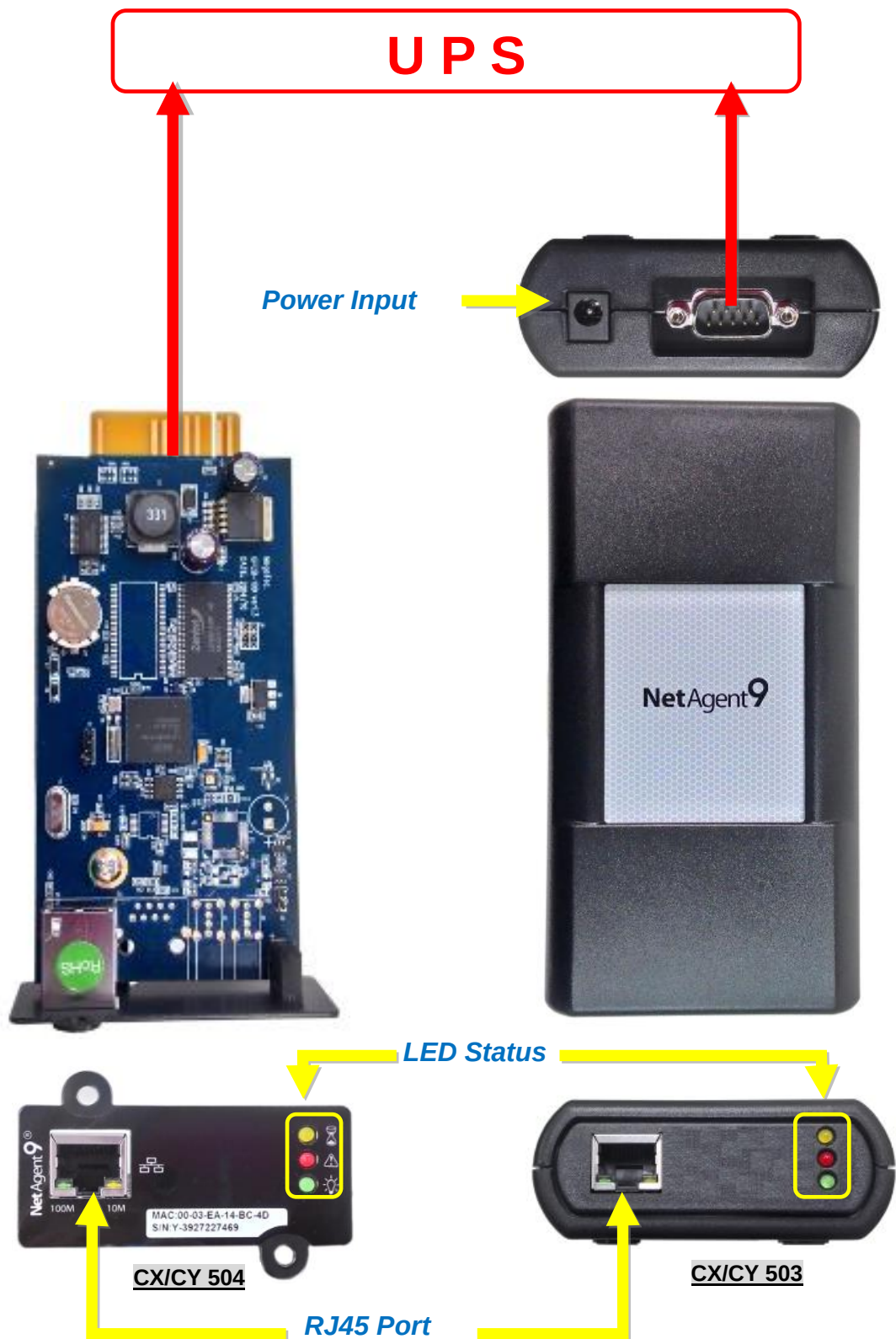
2.4 NetAgent 9 Series

NetAgent 9 Model									
Model Name	Package Contents	Internal	External	RJ45	RS232	ENV	USB	Single Phase	Three Phase
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. M2502or 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

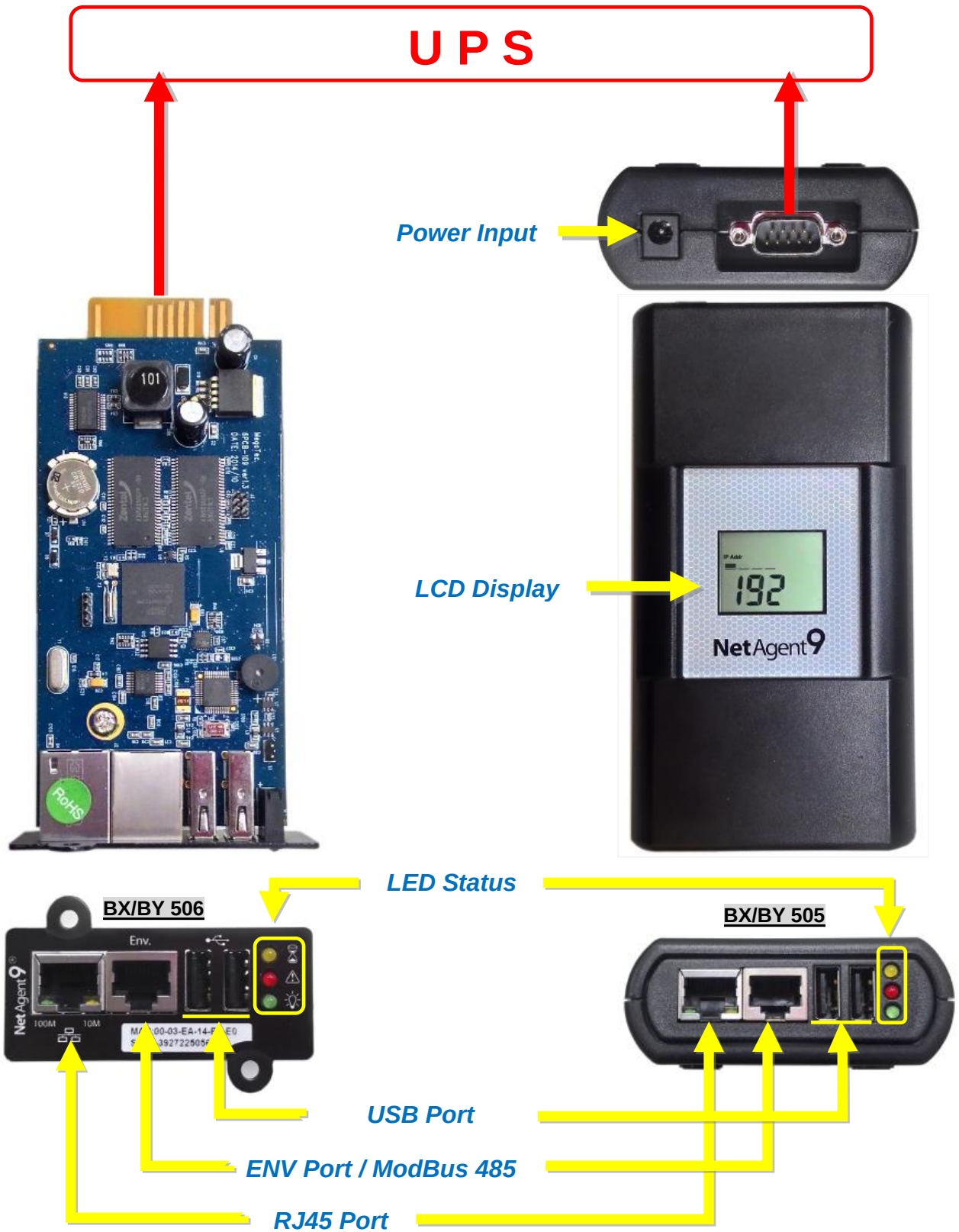
2.4.1 NetAgent 9 Outlook

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

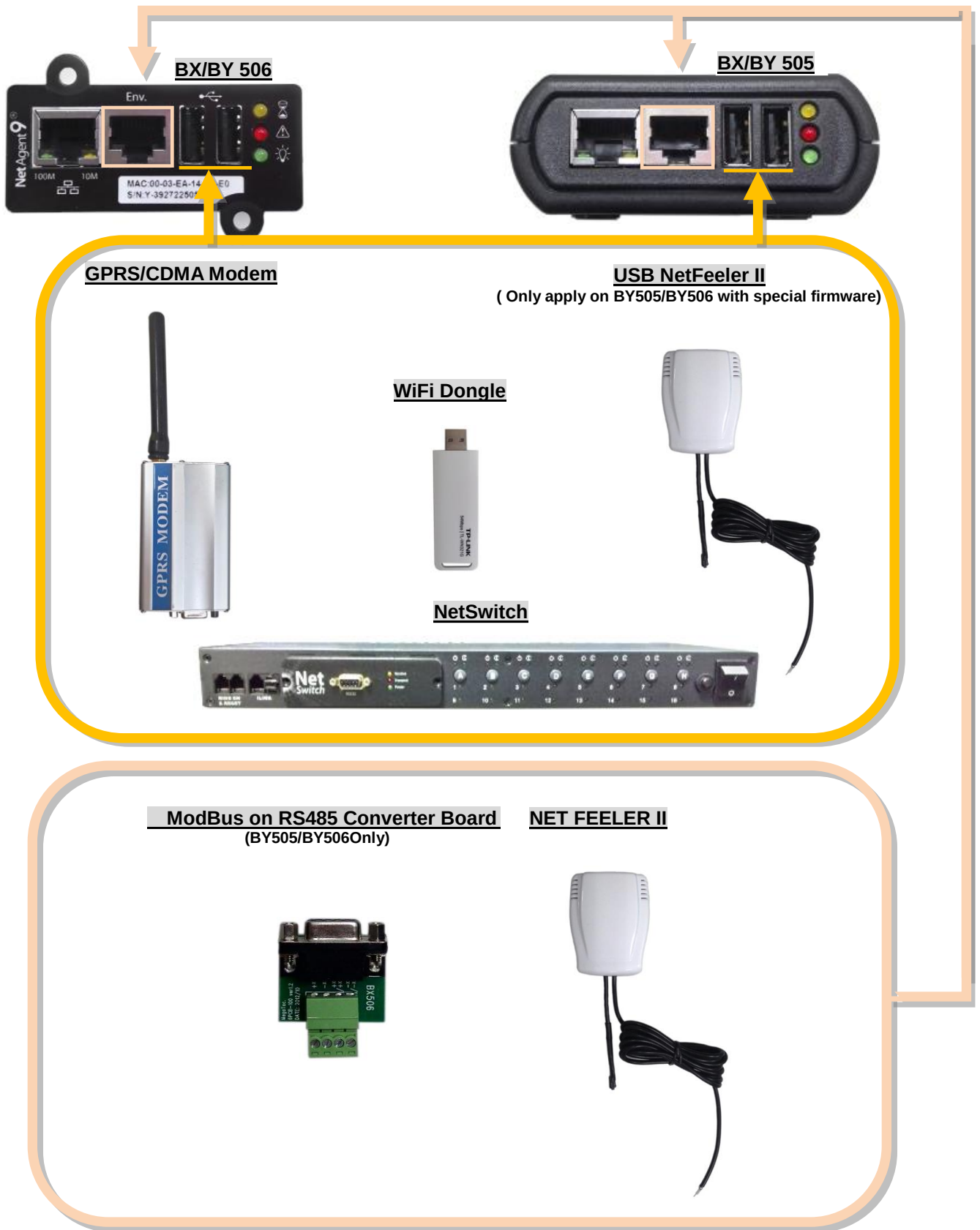
◆ One Port NetAgent 9



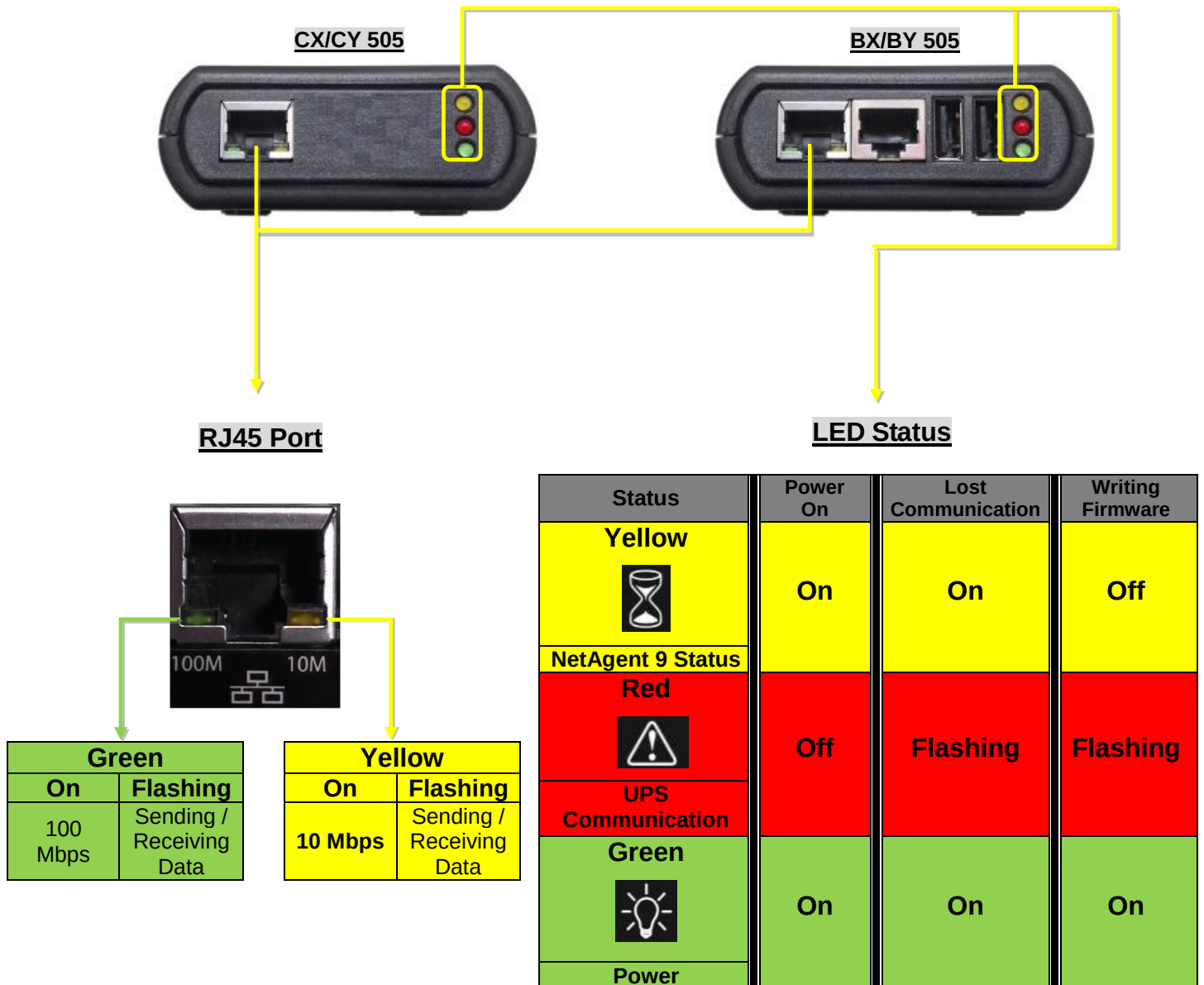
◆ NetAgent 9 W/USB Ports



◆ 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 Contents :



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

(2) Quick Installation Guide (Optional)



(3) Adaptor



5.3V
For NetAgent Mini Series



9V
For NetAgent 9 Series

(4) ModBus On RS485 Coverter Board



(5) Cables

- M2501 – For connection between NetAgent and dry contact UPS



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



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



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

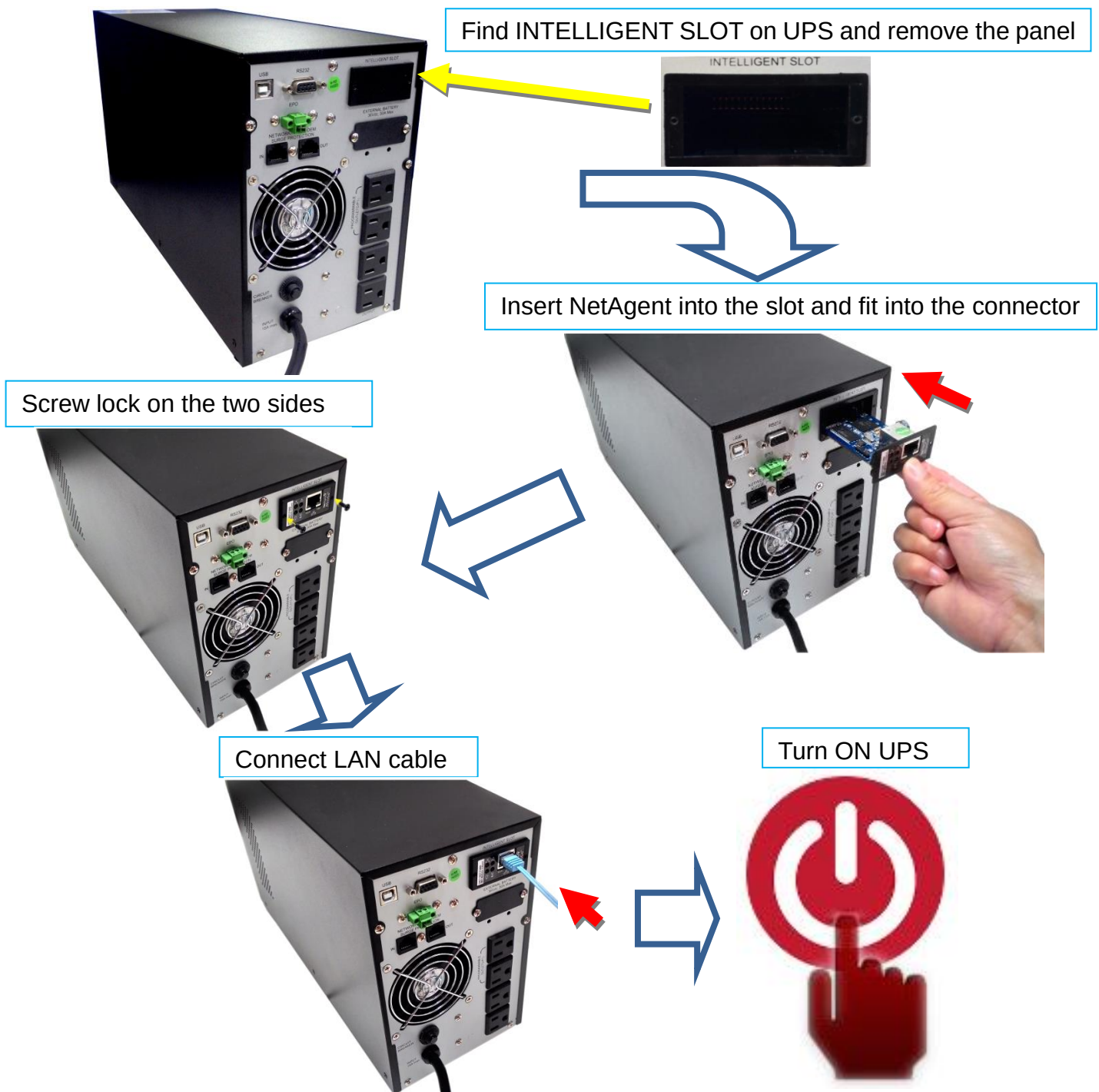


Chapter 3. NetAgent Installation

3.1 Hardware Installation

■ Internal NetAgent

☀ **NOTE : Turn Off UPS Power before installation**



■ External NetAgent Mini

⚡ **Turn Off UPS Power before installation**



Find RS232 port on UPS



Attach and screw NetAgent's RS232 connector on it

Connect LAN cable



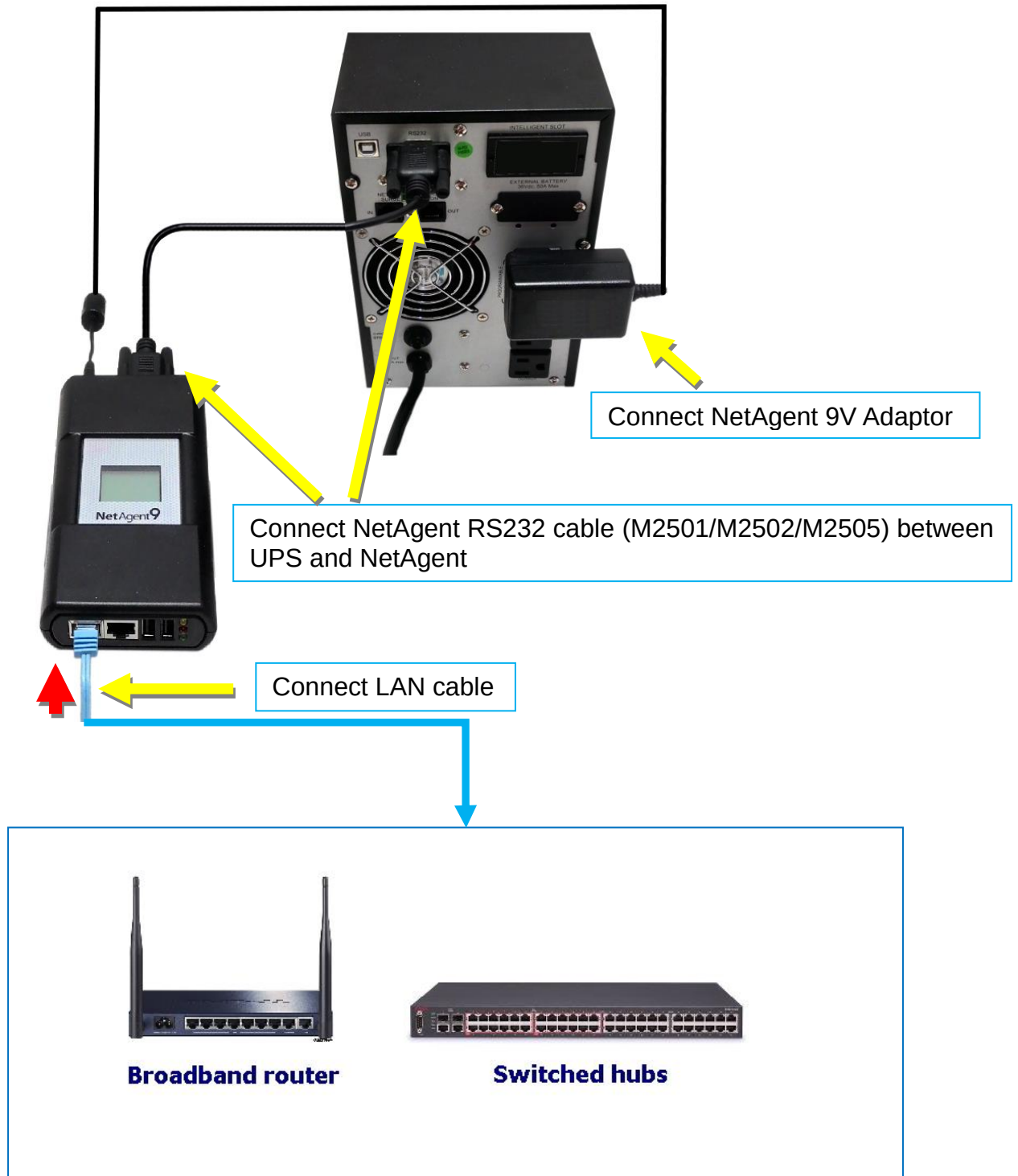
Connect NetAgent Mini 5.3V adaptor



Turn ON UPS



■ External NetAgent II / 9



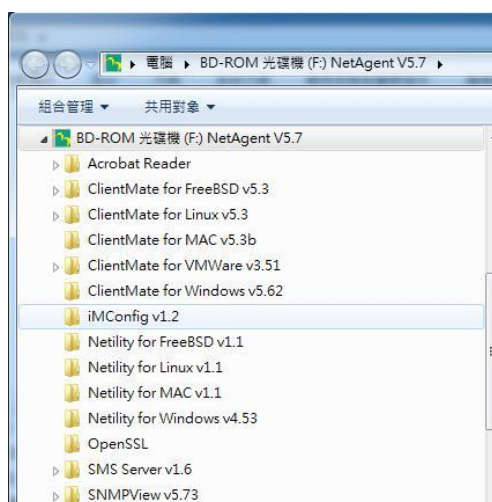
3.2 Software Installation

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

The screenshot shows the 'NetAgent Utility Installation Wizard' window. On the left is a 'Main Menu' with options: Introduction, Operating System Supported, System Requirements, **Program Installation** (highlighted), View Manuals, Contact Information, and Exit. The main area is titled 'Program Installation' and lists several software options with arrows pointing to descriptive callout boxes:

- Netility**: Configure and Search NetAgent. Refer to 4.3. (Options: Windows v4.53, Linux v1.1, MAC v1.1, FreeBSD v1.1)
- ClientMate**: Shutdown OS Software. Refer to Chapter 6. (Options: Windows v5.62, Linux v5.3, MAC v5.3b, FreeBSD v5.3, VMWare v3.51)
- SNMPView v5.73**: Multi monitoring Software. Refer to Chapter 7.
- iMConfig v1.2**: Muti-configuration Software. Refer to Chapter 8.
- SMS Server v1.6**: SMS notification Softwar. Refer to Chapter 9.
- Time Server**: Time server software.

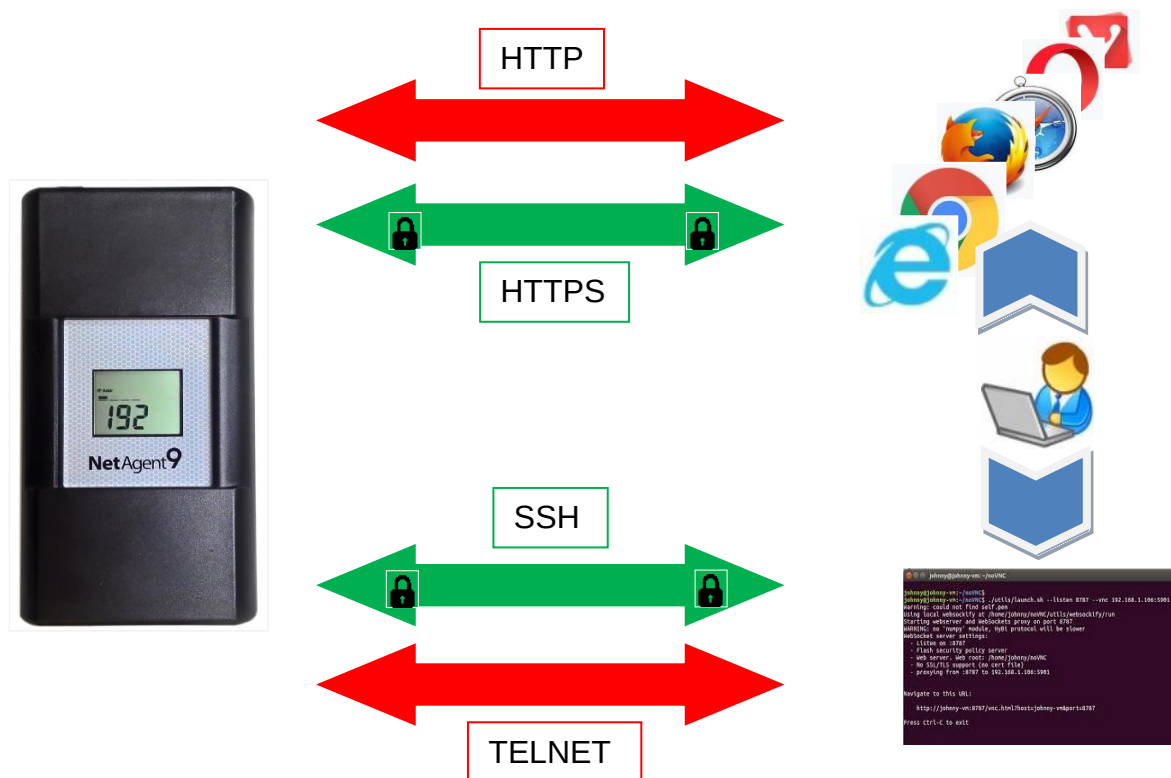
If the PC does not executes CD program automatically, please select from File Managment



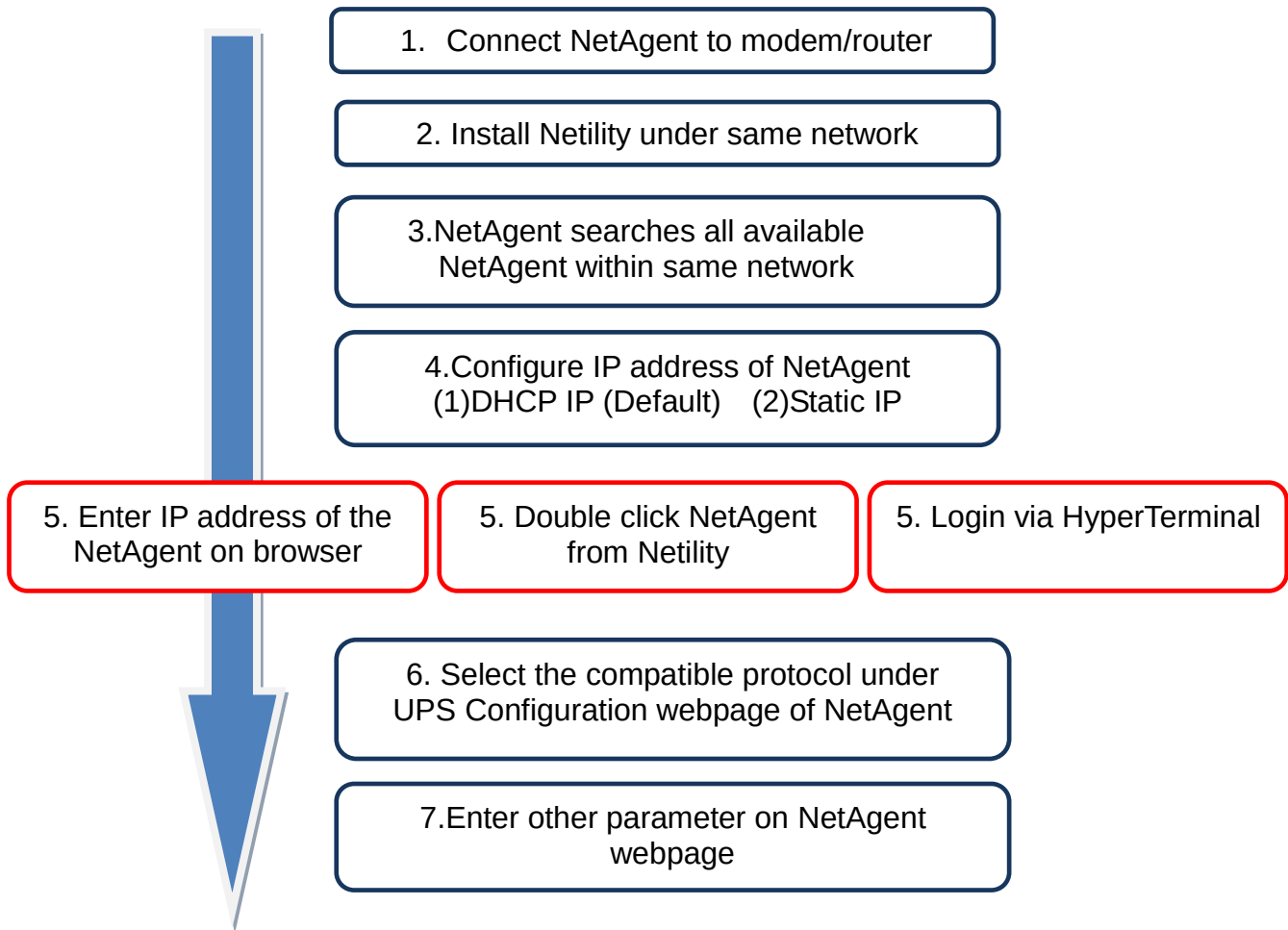
Chapter 4. NetAgent Setting

4.1 Introduction

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



4.2 NetAgent Login Procedure



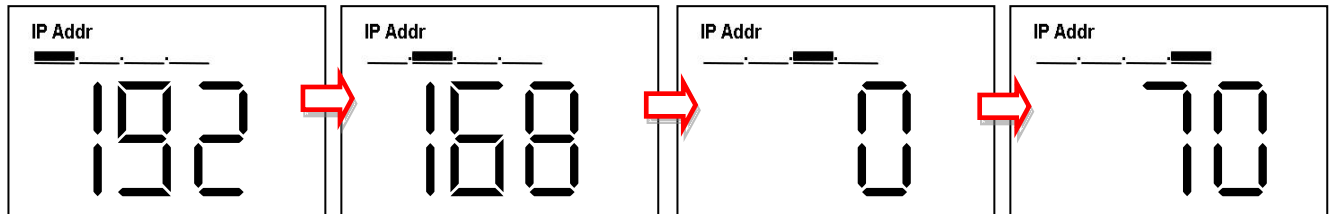
NOTE 1 : Each NetAgent has its unique serial number / MAC address and Password. This is available on the label of each unit. This helps to identify the card information on Netility



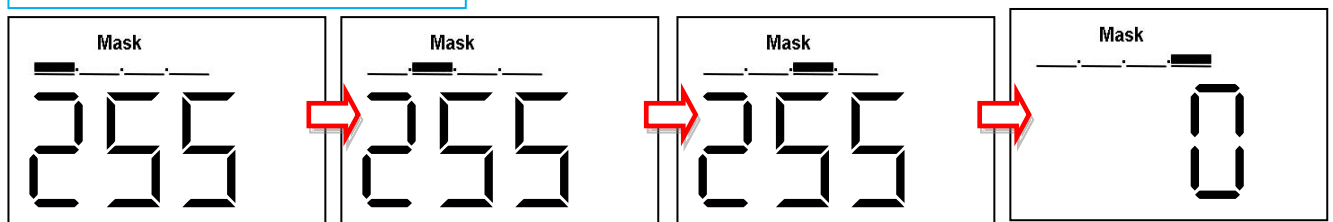
NOTE 2 : NetAgent with LCD display may obtain the IP info from it.

Example of LCD display format as below

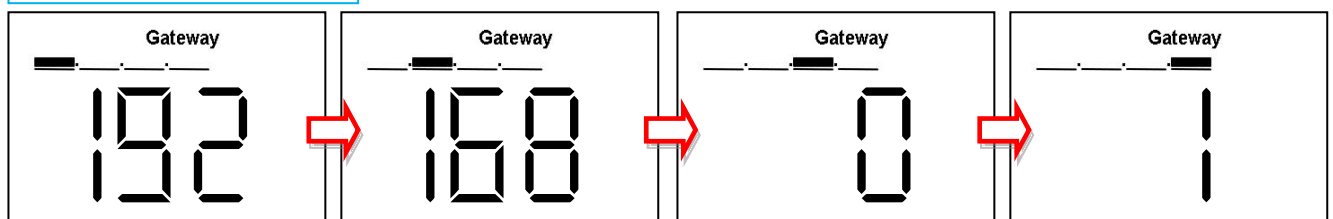
IP address 192.168.0.70



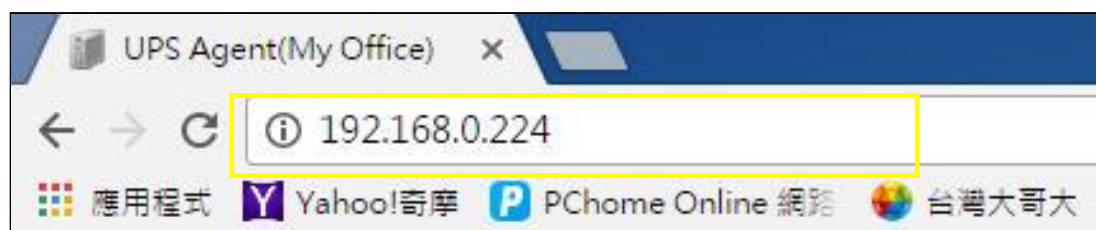
Subnet Mask: 255.255.255.0



Gateway:192.168.0.1



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



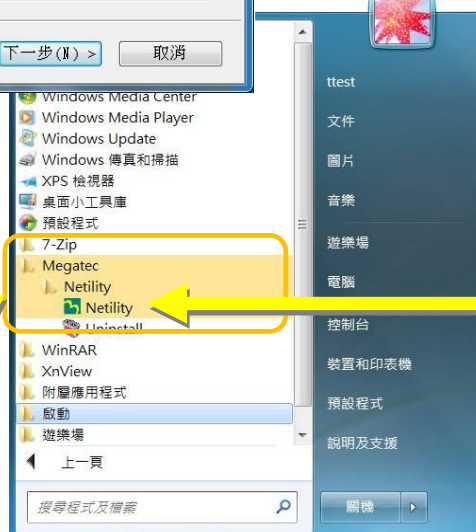
4.3 Netility Installation and Setting

■ Netility Installation

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



Netility installation directory



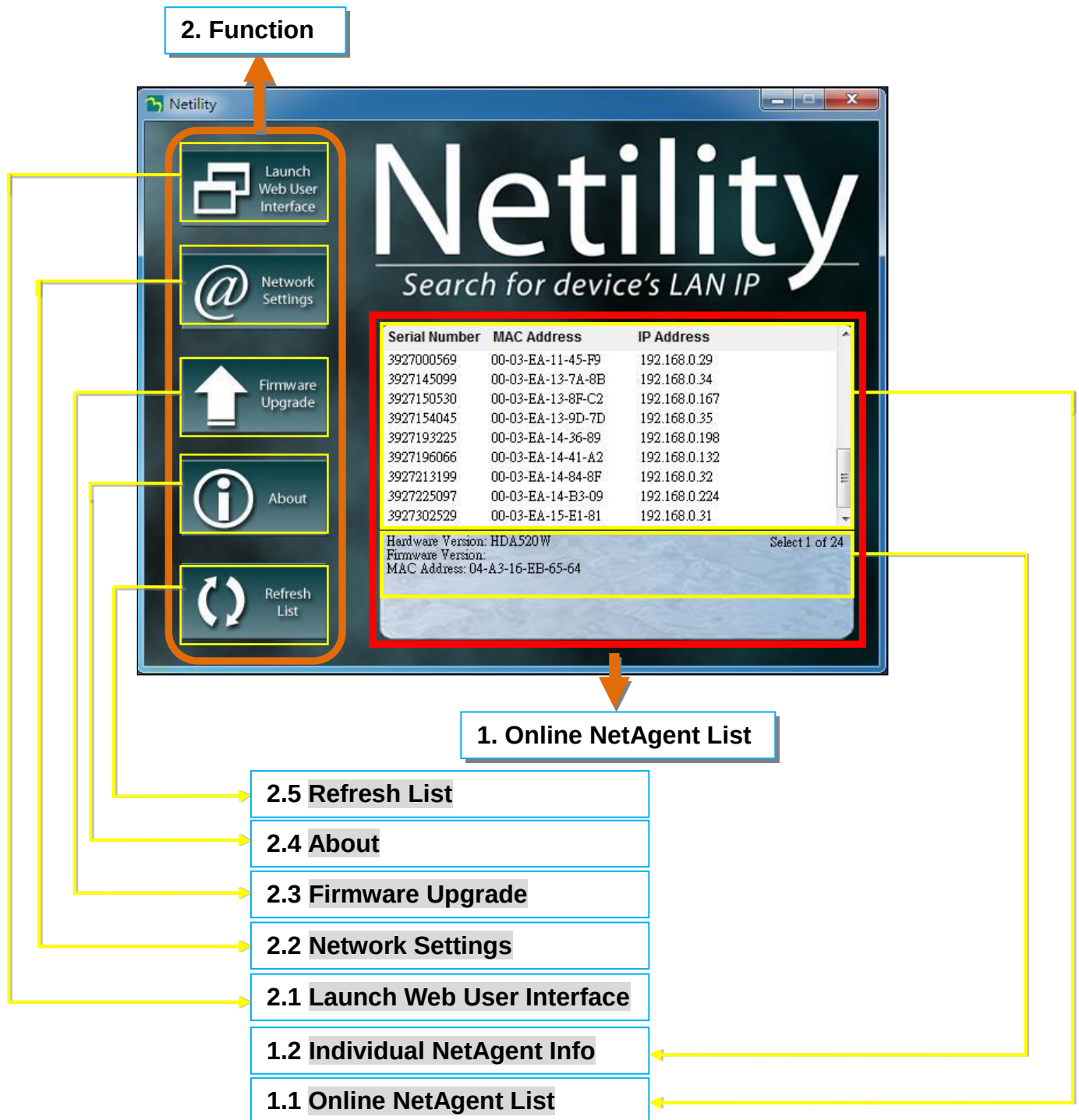
Netility Software

Under All Programs/ Megatec File Directory

■ Netility Operation and Setting

Netility main pages divided into 2 sections:

1. Online NetAgent List
2. Function Selection



1.1 Online NetAgent List

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

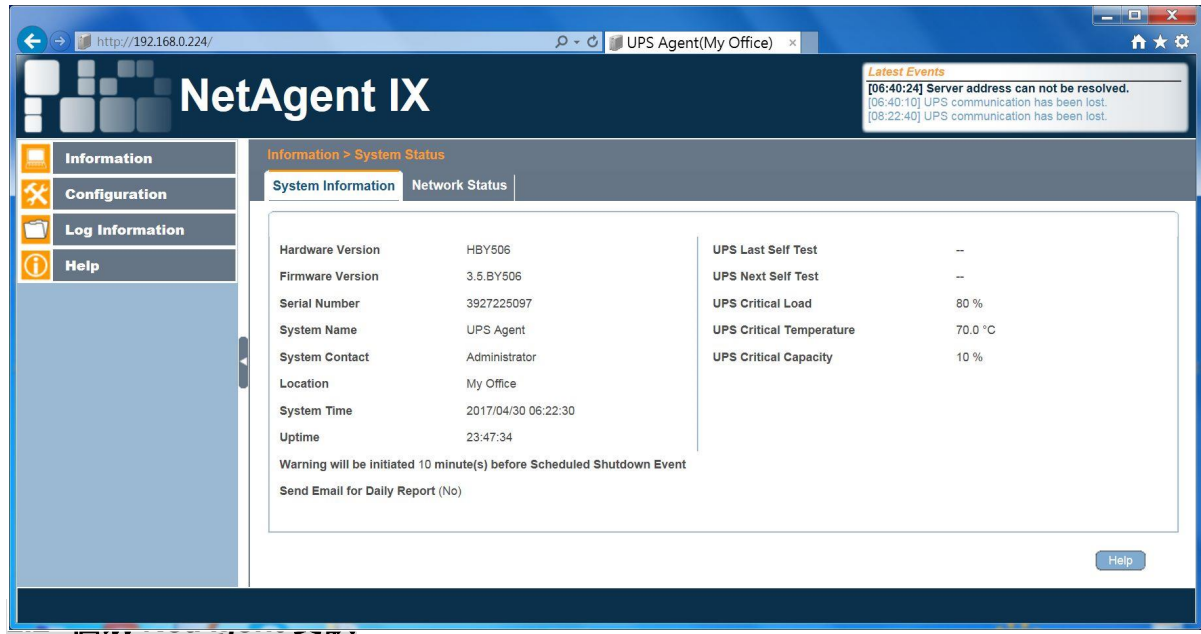
The Netility application interface displays a list of NetAgents. The top screenshot shows a list of 10 NetAgents with their Serial Number, MAC Address, and IP Address. The bottom screenshot shows the same list with a yellow arrow pointing to the IP address 192.168.0.224, and a text box saying "Double click to login to the webpage".

Serial Number	MAC Address	IP Address
3927000569	00-03-EA-11-45-F9	192.168.0.29
3927145099	00-03-EA-13-7A-8B	192.168.0.34
3927150530	00-03-EA-13-8F-C2	192.168.0.167
3927154045	00-03-EA-13-9D-7D	192.168.0.35
3927193225	00-03-EA-14-36-89	192.168.0.198
3927196066	00-03-EA-14-41-A2	192.168.0.132
3927213199	00-03-EA-14-84-8F	192.168.0.32
3927225097	00-03-EA-14-B3-09	192.168.0.224
3927302529	00-03-EA-15-E1-81	192.168.0.31

Hardware Version: HDA520W
Select 1 of 24

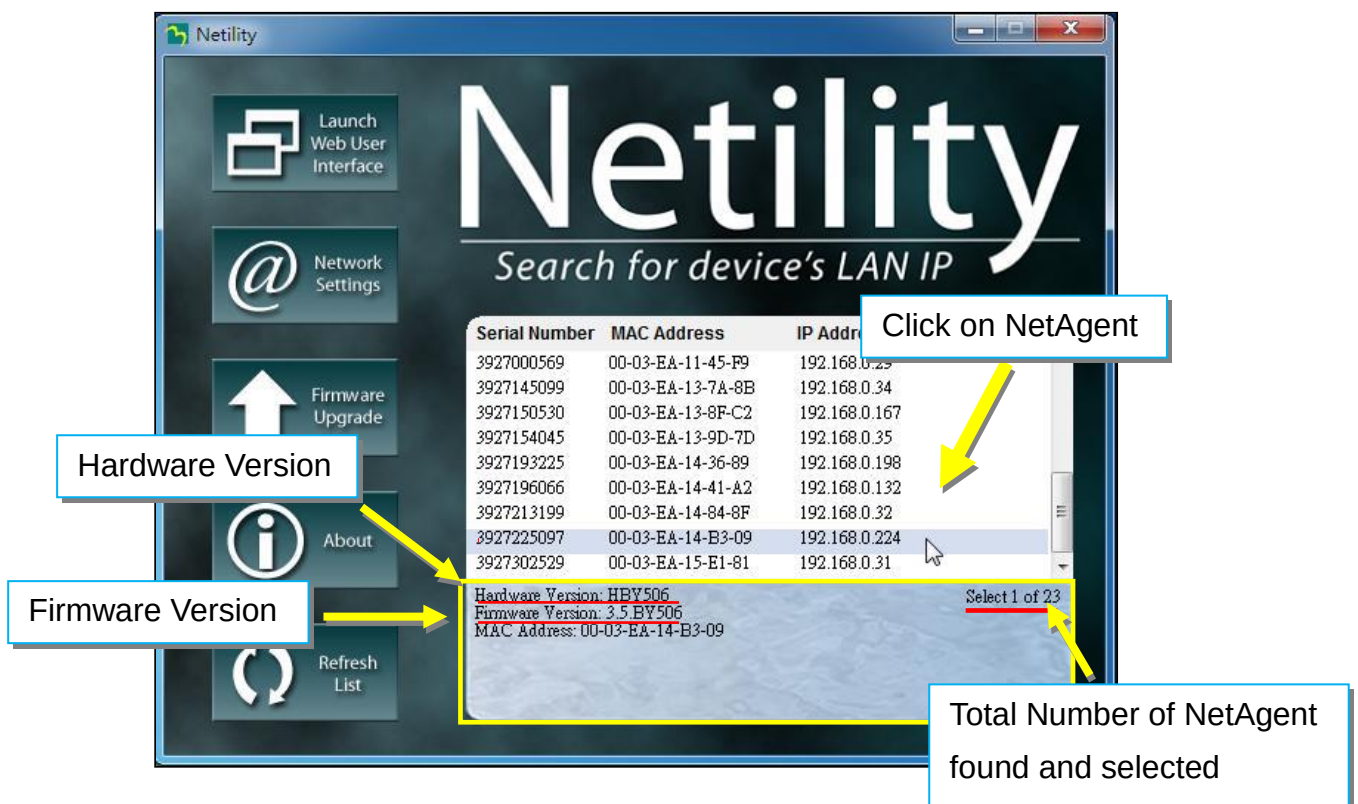
Double click to login to the webpage

Hardware Version: HBY506
Firmware Version: 3.5.BY506
MAC Address: 00-03-EA-14-B3-09
Select 1 of 23



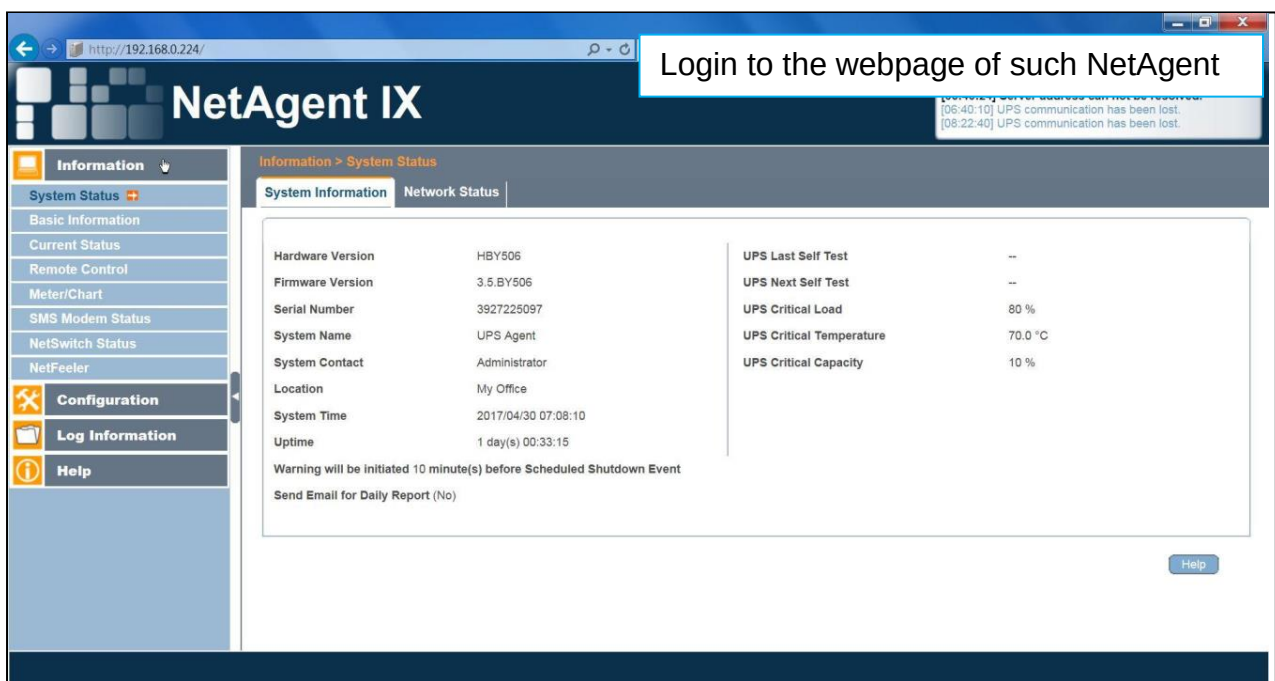
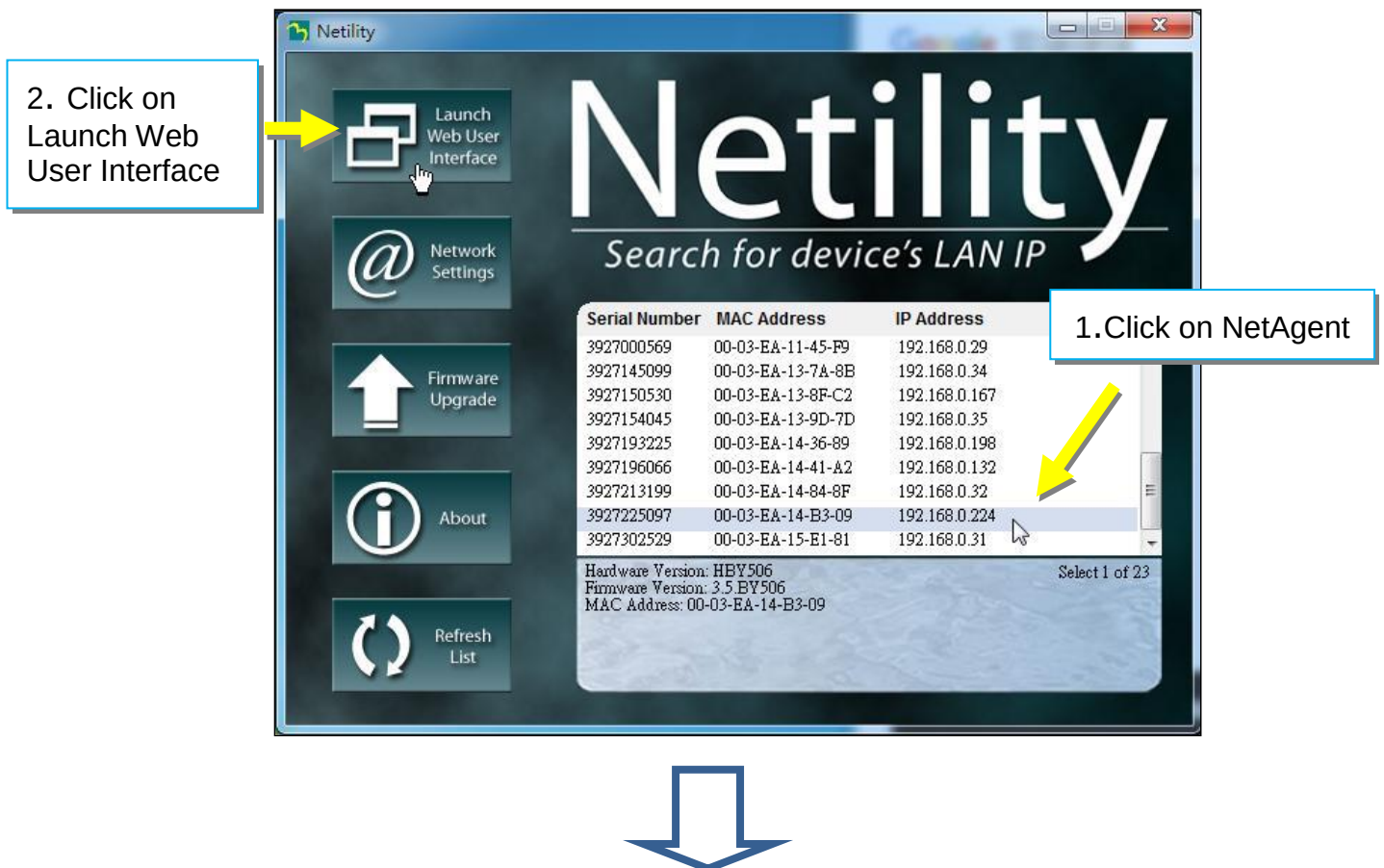
1.2 Individual NetAgent Info

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



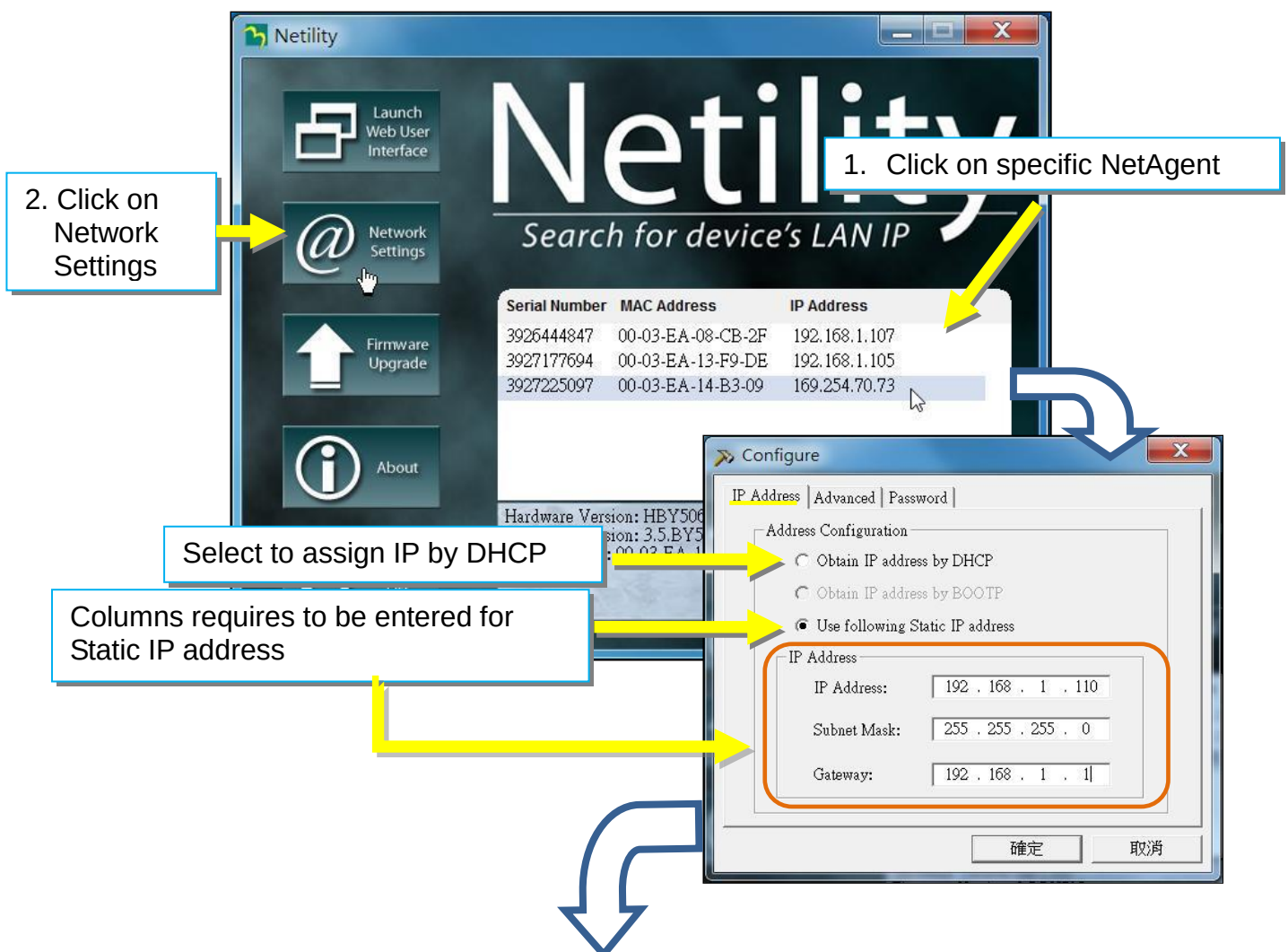
2.1 Launch Web User Interface

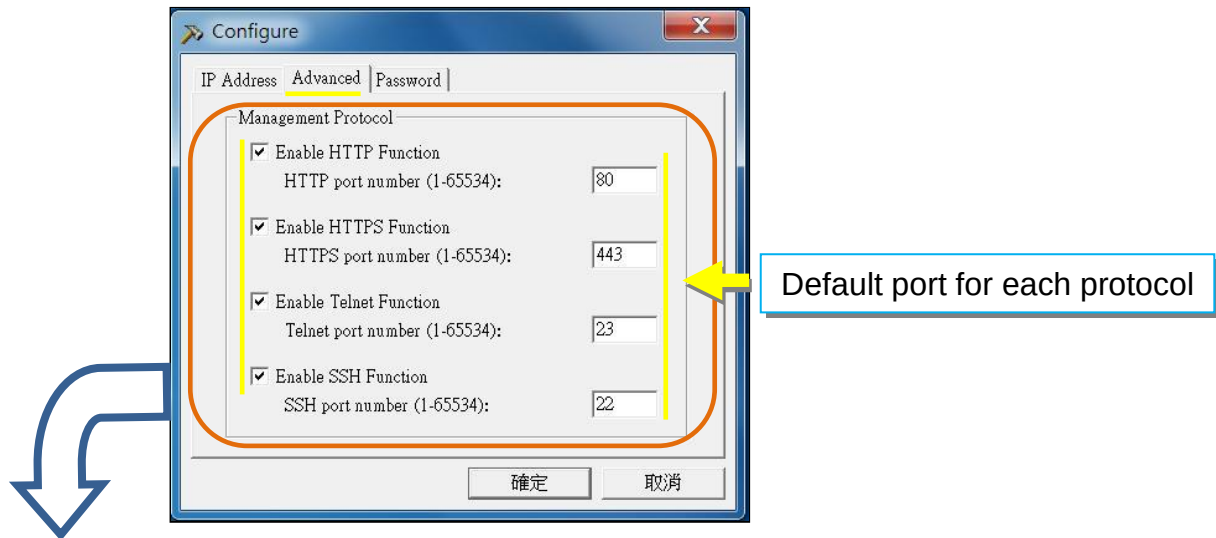
Select specific NetAgent from the list and click on Launch Web User Interface to login to the NetAgent's webpage



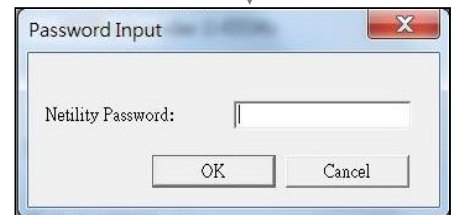
2.2 Network Settings

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





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



2.3 Firmware Upgrade

- This is to upgrade or re-load the firmware to the NetAgent unit. Firmware version is available on the official website. Ensure to check the NetAgent model, hardware version for the correct firmware version (.bin)
- Ways to select NetAgent for firmware upgrading
 - (1) Click on specific NetAgent from the Netility list
 - (2) Press and hold on CTRL key then select multi NetAgent unit from the list=>This is to upgrade multi units at once
 - (3) Click on the first NetAgent from the list, then press and hold on SHIFT key as well as click on the last unit of the NetAgent =>This is if all NetAgent from the list are same model

⚠ **WARNING** : Please makes sure the multi NetAgent selected are same model

- If any failure during firmware upgrading, please upgrade again until it is successfully done
- While upgrading, red and yellow LED would alternating flashing, or red led flashing. DO NOT remove any power or cable to the NetAgent. Once firmware is successfully upgraded, NetAgent would reboot automatically.

Netility

Search for device's LAN IP

Serial Number	MAC Address	IP Address
3927000569	00-03-EA-11-45-F9	192.168.0.29
3927145099	00-03-EA-13-7A-8B	192.168.0.34
3927150530	00-03-EA-13-9F-C2	192.168.0.167
3927154045	00-03-EA-13-9D-7D	192.168.0.35
3927193225	00-03-EA-14-36-89	192.168.0.198
3927196066	00-03-EA-14-41-A2	192.168.0.132
3927213199	00-03-EA-14-84-8F	192.168.0.32
3927225097	00-03-EA-14-B3-09	192.168.1.110
3927302529	00-03-EA-15-E1-81	192.168.0.31

Hardware Version: HB506
Firmware Version: 3.5 BY506
MAC Address: 00-03-EA-14-B3-09

Upgrade Single NetAgent

Selection of Multi-NetAgent

Upgrade consecutive NetAgent

Firmware Download

File name: D:\FIRMWARE\3.5.BY506\3.5.BY506.bin

Device: 3927225097

Download

Cancel

1. Select .bin file

2. Click on Download

Firmware Download

File name: D:\FIRMWARE\3.5.BY506\3.5.BY506.bin

Device: 3927225097

Download Status

Download Successfully

3. Upgrade message

4. Cancel to exit

2.4 About

Here shows the current Netility version



2.5 Refresh List

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



4.4 NetAgent Setting

4.4.1 Web Interface

NetAgent 9 Mini & NetAgent 9

The screenshot displays the NetAgent IX web interface in a browser window. The address bar shows <http://192.168.0.224/>. The page title is "NetAgent IX". On the left, there is a navigation menu with "Information", "Configuration", "Log Information", and "Help". The main content area is titled "Information > System Status" and has two tabs: "System Information" and "Network Status". The "System Information" tab is active, showing a table of system details.

System Information		UPS Status	
Hardware Version	HBV506	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		

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

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

Help

NetAgent Mini & NetAgent II

The screenshot displays the NetAgent web interface in a browser window. The address bar shows <http://192.168.0.106/>. The page title is "NetAgent". On the left, there is a navigation menu with "Information", "Configuration", "Log Information", and "Help". The main content area is titled "System Information" and "Network Status". The "System Information" tab is active, showing a table of system details.

System Information		UPS Status	
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		

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

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

Help

■ Web Interface Display

The diagram illustrates the web interface display for NetAgent IX and NetAgent, showing the navigation structure and data presented.

NetAgent IX Interface (Top):

- Latest Events:** A box highlighting the "Latest Events" section in the top right corner, showing a list of events.
- Current Directory:** A box highlighting the "Current Directory" section in the top right corner, showing the current directory path.
- Information > System Status:** A box highlighting the "Information > System Status" section in the top left corner.
- Main Option:** A box highlighting the "Main Option" section in the left sidebar.
- Sub-Option:** A box highlighting the "Sub-Option" section in the left sidebar.

NetAgent Interface (Bottom):

- Current Directory:** A box highlighting the "Current Directory" section in the top right corner.
- System Status:** A box highlighting the "System Status" section in the top right corner.
- Information:** A box highlighting the "Information" section in the left sidebar.
- Sub-Option:** A box highlighting the "Sub-Option" section in the left sidebar.

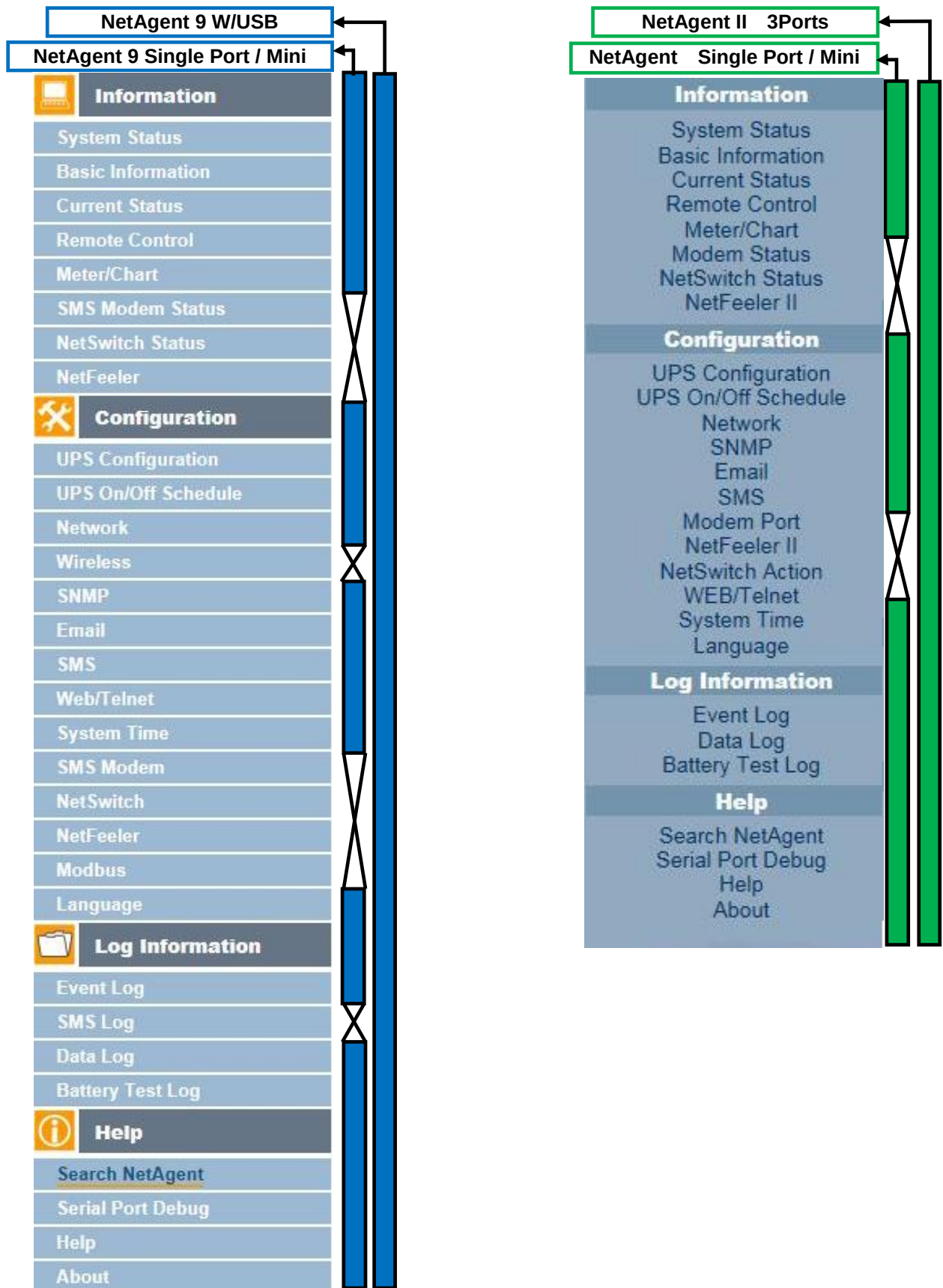
System Information Table (NetAgent IX):

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

System Information Table (NetAgent):

System Information	Network Status
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 07:30:44	
Uptime: 01:36:44	
Warning will be initiated 10 minute(s) before Scheduled Shutdown Event	
Send Email for Daily Report (No)	
Network Status	
MAC Address: 00:03:EA:02:9F:E3	Primary DNS Server: 192.168.0.1
Connection Type: 100Mbps Full-Duplex	Secondary DNS Server: --
IP Address: 192.168.0.106	Time Server: time.nist.gov
Subnet Mask: 255.255.255.0	PPPoE IP: --
Gateway: 192.168.0.1	
Email Server: --	

4.4.2 NetAgent Option Directory Structure



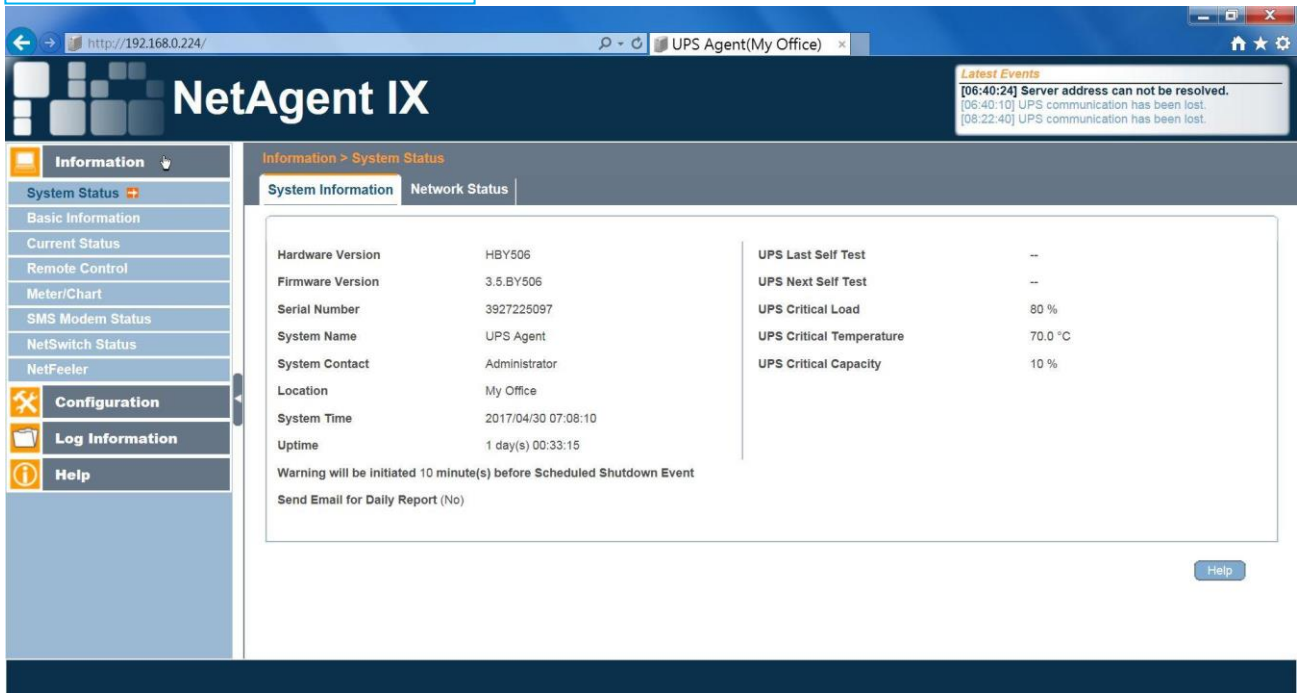
4.4.3 NetAgent Setting Options

■ Information > System Status

● Sysyem Information

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

NetAgent 9 Mini & NetAgent 9



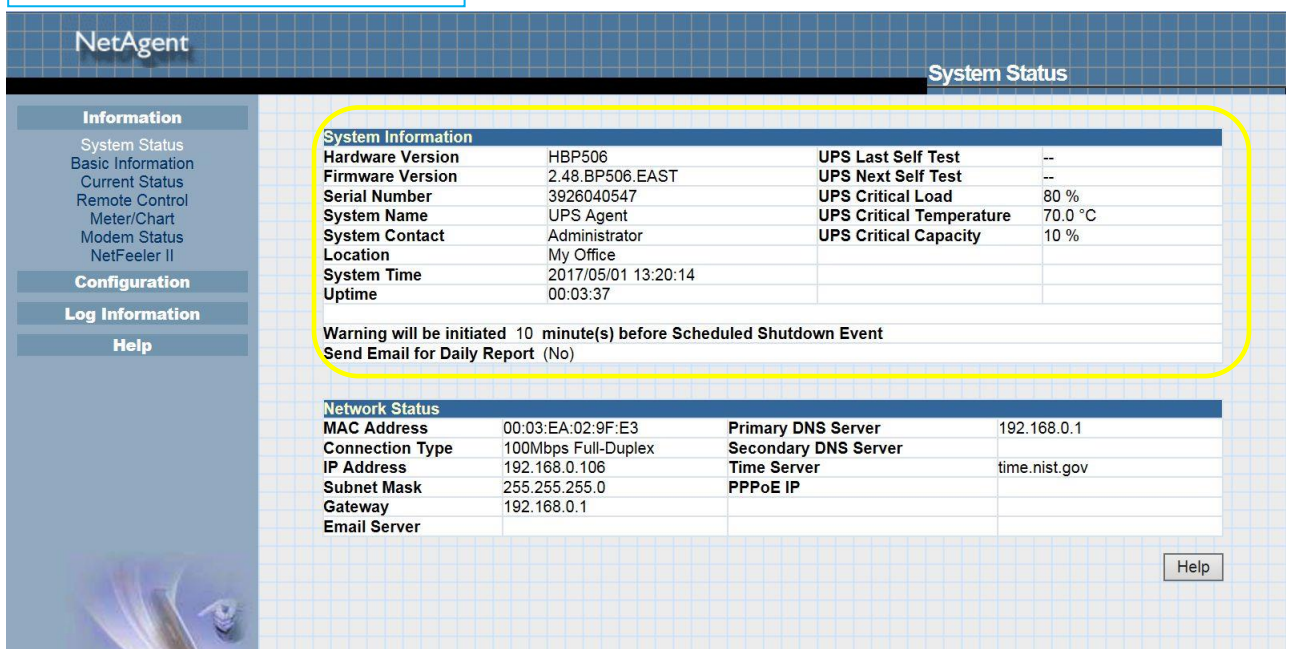
The screenshot shows the NetAgent IX web interface. The browser address bar displays 'http://192.168.0.224/'. The page title is 'NetAgent IX'. The left sidebar contains a menu with 'Information' selected, showing sub-items: System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, and NetFeeler. Below these are 'Configuration', 'Log Information', and 'Help'. The main content area is titled 'Information > System Status' and has two tabs: 'System Information' (active) and 'Network Status'. The 'System Information' tab displays a table of system details and a 'Latest Events' box.

System Information		UPS Status	
Hardware Version	HB506	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		

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

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

NetAgent Mini & NetAgent II



The screenshot shows the NetAgent web interface. The browser address bar displays 'http://192.168.0.224/'. The page title is 'NetAgent'. The left sidebar contains a menu with 'Information' selected, showing sub-items: System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, and NetFeeler II. Below these are 'Configuration', 'Log Information', and 'Help'. The main content area is titled 'System Status' and has two tabs: 'System Information' (active) and 'Network Status'. The 'System Information' tab displays a table of system details and a 'Warning' message.

System Information		UPS Status	
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		

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

Network Status		DNS Settings	
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	time.nist.gov
Subnet Mask	255.255.255.0	PPPoE IP	
Gateway	192.168.0.1		
Email Server			

- **Network Status**

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

NetAgent 9 Mini & NetAgent 9

The screenshot displays the NetAgent 9 Mini & NetAgent 9 web interface. On the left is a navigation menu with sections: Information (System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, NetFeeler), Configuration, Log Information, and Help. The main content area is titled 'Information > System Status' and has two tabs: 'System Information' and 'Network Status'. The 'Network Status' tab is active, showing four panels: Ethernet (MAC Address: 00:03:EA:14:B3:09, Connection Type: 100Mbps Full-Duplex), General (Email Server, Time Server: time.nist.gov, PPPoE IP, PPPoE IPv6), IPv4 (IP Address: 192.168.0.224, Subnet Mask: 255.255.255.0, Gateway: 192.168.0.2, Primary DNS Server: 192.168.0.2, Secondary DNS Server), and IPv6 (IP Address, LinkLocal Address: fe80::203:eaff:fe14:b309/64, 6to4 Address, Gateway, Primary DNS Server, Secondary DNS Server). A 'Help' button is located at the bottom right.

NetAgent Mini & NetAgent II

The screenshot displays the NetAgent Mini & NetAgent II web interface. The top header shows 'NetAgent' and 'System Status'. The left navigation menu includes Information (System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II), Configuration, Log Information, and Help. The main content area is titled 'System Information' and contains a table with system details. Below this table is a warning message: 'Warning will be initiated 10 minute(s) before Scheduled Shutdown Event' and 'Send Email for Daily Report (No)'. A yellow box highlights the 'Network Status' section, which includes a table with network details. A 'Help' button is located at the bottom right.

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		

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

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

■ Information > Basic Information

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

NetAgent 9 Mini & NetAgent 9

The screenshot displays the web interface for NetAgent 9 Mini & NetAgent 9. On the left is a navigation menu with icons and labels for 'Information', 'Configuration', 'Log Information', and 'Help'. The 'Information' section is expanded, showing sub-items: 'System Status', 'Basic Information' (selected), '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'. Each section contains a table of data. A 'Help' button is located at the bottom right of the main content area.

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 displays the web interface for NetAgent Mini & NetAgent II. The top header shows 'NetAgent' on the left and 'Basic Information' on the right. On the left is a navigation menu with icons and labels for 'Information', 'Configuration', 'Log Information', and 'Help'. The 'Information' section is expanded, showing sub-items: 'System Status', 'Basic Information' (selected), 'Current Status', 'Remote Control', 'Meter/Chart', 'Modem Status', and 'NetFeeler II'. The main content area contains three sections: 'UPS Information', 'Battery Information', and 'Rating Information'. Each section contains a table of data. A 'Help' button is located at the bottom right of the main content area.

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

Information > Current Status

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

AC Status Normal

Input Line Voltage	220.1 V
Input Max. Line Voltage	220.1 V
Input Min. Line Voltage	220.1 V
Input Frequency	50.0 Hz

UPS Status UPS Normal

Refresh status every 10 seconds ▼

2 seconds
5 seconds
10 seconds
30 seconds
1 minute

Help

NetAgent Mini & NetAgent II

NetAgent **Current Status**

Refresh status every 10 seconds ▼

UPS Status UPS Normal

Input Status

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

Output Status

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

Battery Status

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

Help

■ Information > Remote Control

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

NetAgent 9 Mini & NetAgent 9

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

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

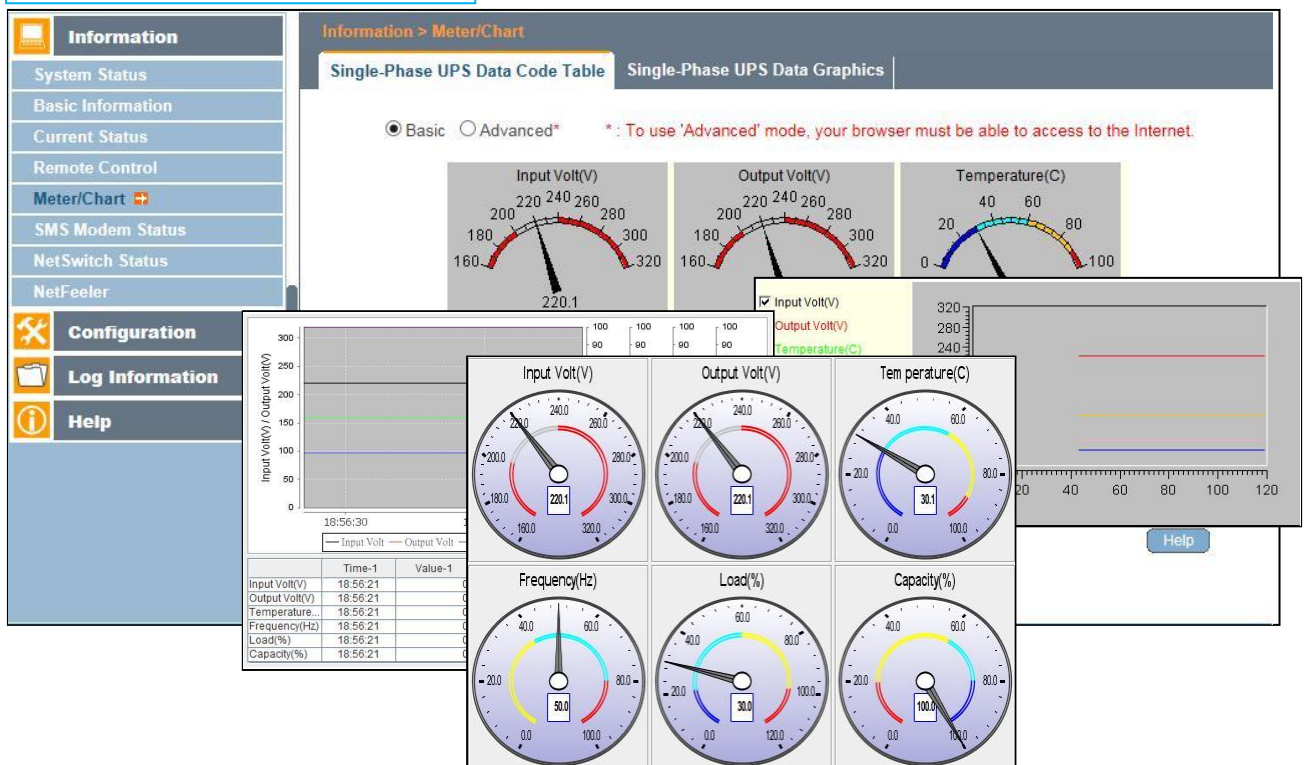
Select and Apply → **Apply** **Reset** **Help**

■ Information > Meter/Chart

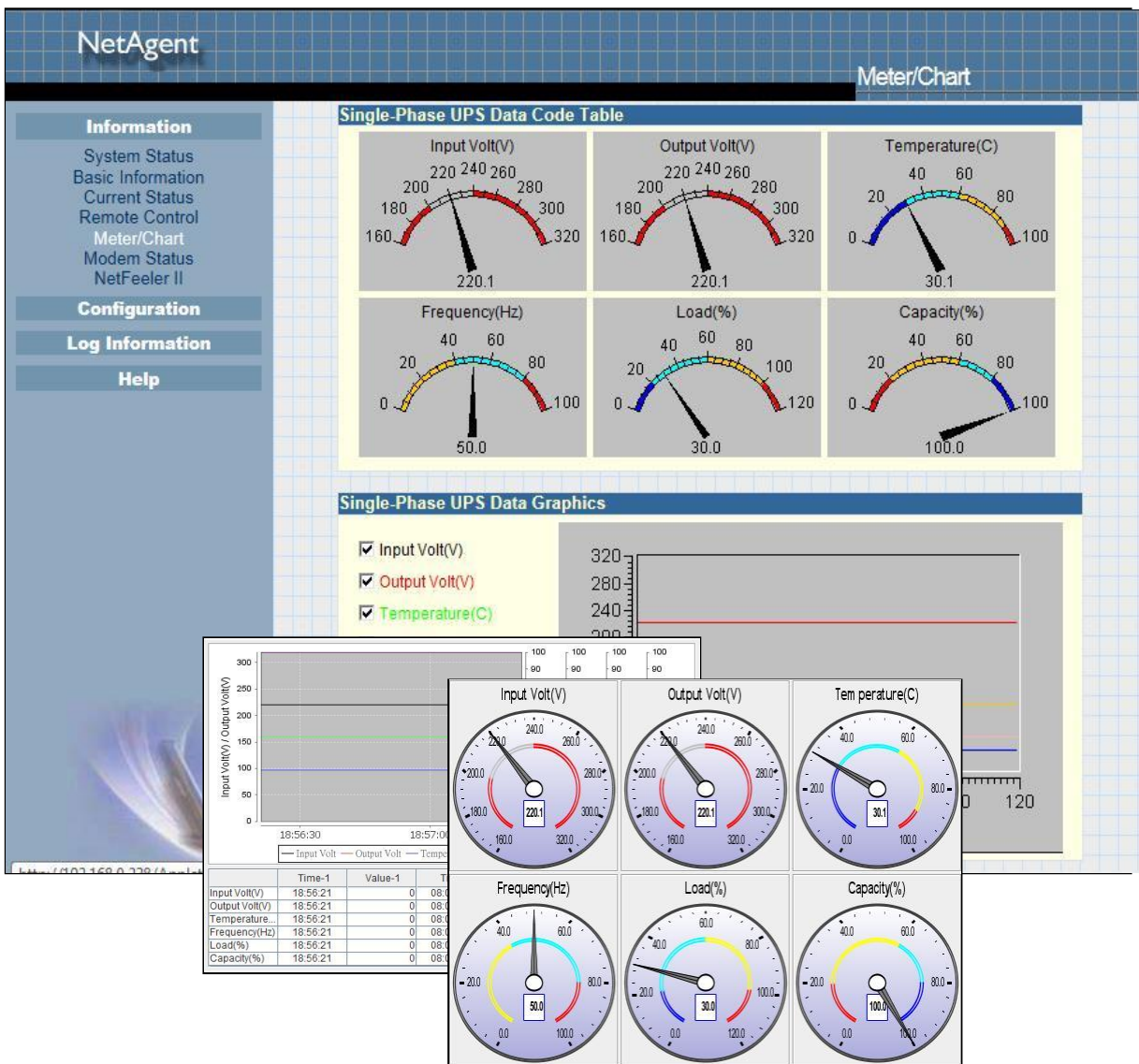
This is to show UPS Input, Output, Temperature, Frequency..etc in graphic or chart. Java is required.



NetAgent 9 Mini & NetAgent 9



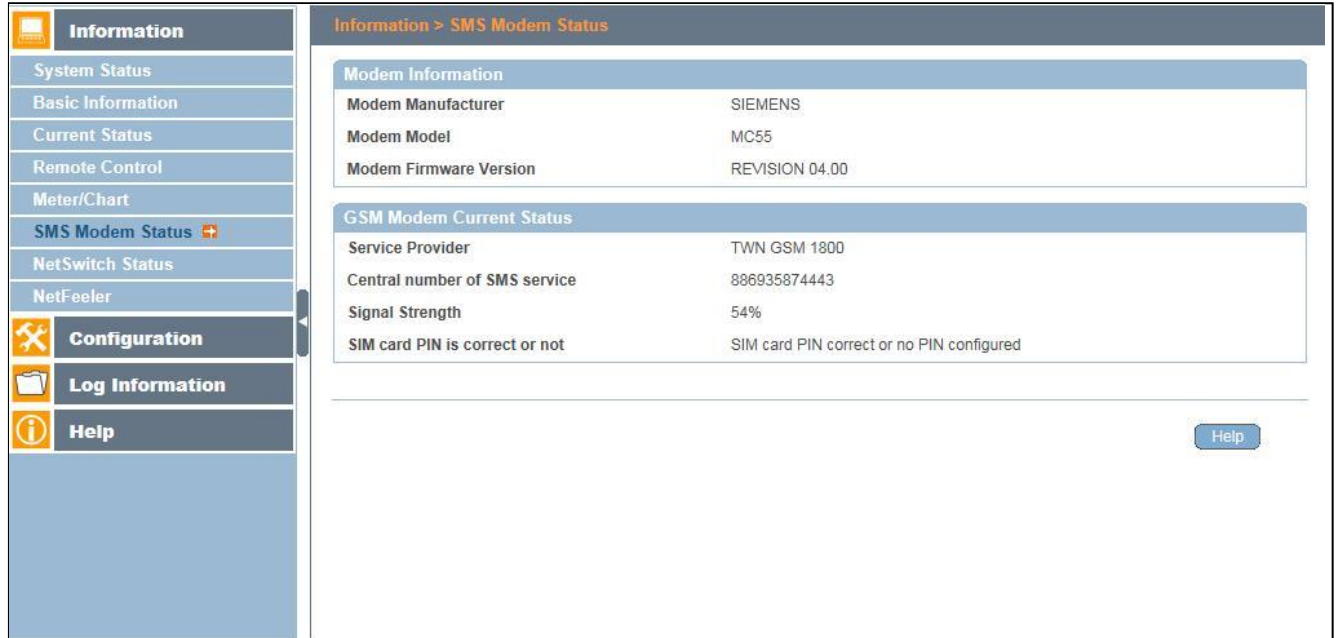
NetAgent Mini & NetAgent II



■ 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

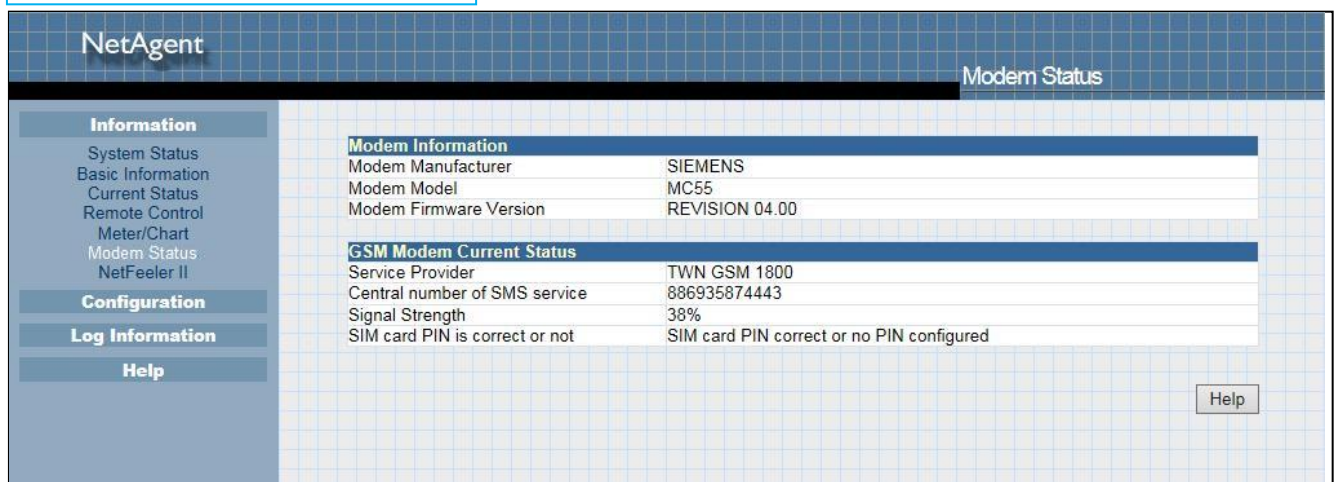


The screenshot shows the NetAgent 9 web interface. On the left is a navigation menu with icons and labels for Information, Configuration, Log Information, and Help. The 'Information' section is expanded, showing sub-items like System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status (highlighted), NetSwitch Status, and NetFeeler. The main content area is titled 'Information > SMS Modem Status'. It contains two tables: 'Modem Information' and 'GSM Modem Current Status'. A 'Help' button is located at the bottom right of the main content area.

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

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

NetAgent II 3 Ports



The screenshot shows the NetAgent II 3 Ports web interface. The top header bar has 'NetAgent' on the left and 'Modem Status' on the right. The left navigation menu is similar to the first screenshot, with 'Modem Status' highlighted under the 'Information' section. The main content area displays the same two tables as the first screenshot: 'Modem Information' and 'GSM Modem Current Status'. A 'Help' button is located at the bottom right of the main content area.

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

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

■ 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

Control Outlet

NetAgent II 3 Ports

■ Information > NetFeeler (NetFeeler II)

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

NetAgent 9 3PORTS

The screenshot displays the NetAgent 9 3PORTS web interface. On the left is a navigation menu with the following items: Information (selected), System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, NetSwitch Status, NetFeeler (with a plus icon), Configuration (with a wrench icon), Log Information (with a folder icon), and Help (with an information icon). The main content area is titled "Information > NetFeeler". It features a "NetFeeler Status" section with a table of environmental and security data. Below the table are "Reset Alarm" and "Help" buttons. At the bottom, there is a "Refresh status every" dropdown menu set to "5 seconds".

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

NetAgent II 3 Ports

The screenshot displays the NetAgent II 3 Ports web interface. The top header shows "NetAgent" on the left and "NetFeeler II" on the right. The left navigation menu includes: Information (selected), System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II, Configuration, Log Information, and Help. The main content area is titled "NetFeeler II". It features a "NetFeeler II Status" section with a table of environmental and security data. Above the table is a "Refresh status every" dropdown menu set to "10 seconds". Below the table are "Reset Alarm" and "Help" buttons.

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

■ Configuration > UPS Configuration

- UPS Properties (Please refer to your UPS specification)

UPS Communication Type:

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

Number of Batteries :

Enter the number of battery that the UPS has.

Battery Full Charge Voltage (V) :

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

Battery Exhausted Charge Voltage(V) :

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

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

Enter the date of last battery replacement for record

NetAgent 9 Mini & NetAgent 9

NetAgent Mini & NetAgent II

- Test Log

Test UPS Every :

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

Start Time of UPS Test (hh:mm) :

To enter the time to begin the test

UPS Test Type :

Test option can be select from the drop down list

UPS Data Log :

To enter the time interval to refreshing data

NetAgent 9 Mini & NetAgent 9

NetAgent Mini & NetAgent II

- Warning Threshold Values

Time out after loss of connection :

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

Critical Load(%) :

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

UPS Temperature (°C) :

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

Critical Capacity (%) :

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

NetAgent 9 Mini & NetAgent 9

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

NetAgent Mini & NetAgent II

The screenshot shows the 'UPS Configuration' page for NetAgent Mini & NetAgent II. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help' sections. The 'Configuration' section is expanded, showing options like 'UPS Configuration', 'UPS On/Off Schedule', 'Network', 'SNMP', 'Email', 'SMS', 'Modem Port', 'NetFeeler II', 'WEB/Telnet', 'System Time', and 'Language'. The main content area has a 'UPS Configuration' header and several sections: 'UPS Properties' (with fields for 'UPS Communication Type' (MegaTec), 'Number of Batteries' (2), 'Battery Full Charge Voltage (V)' (2.267), 'Battery Exhausted Charge Voltage (V)' (1.667), and 'Date of last battery replacement (mm/dd/yyyy)'), 'UPS Recorded' (with 'UPS Data Log' set to 1 minute), 'Test UPS' (with 'Test UPS every' set to None and 'UPS Test Type' set to 10-Second Test), and 'Warning Threshold Value' (highlighted with a yellow box, containing fields for 'Time out after loss of connection' (30 seconds), 'Critical Load (%)' (80), 'Critical Temperature (°C)' (70.0), and 'Critical Capacity (%)' (10)). At the bottom right, there are 'Apply', 'Reset', and 'Help' buttons.

■ Configuration > UPS On/Off Schedule

● UPS Action

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

NetAgent 9 Mini & NetAgent 9

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

Configuration > UPS On/Off Schedule

UPS Action Weekly Schedule Date Schedule Wake On Lan

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

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

Event schedule list

Apply Reset Help

NetAgent Mini & NetAgent II

NetAgent

UPS On/Off Schedule

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

UPS Action

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

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

Weekly Schedule

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

Date Schedule

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

Event schedule list

Apply Reset Help

- Weekly Schedule

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

NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > UPS On/Off Schedule

UPS Action

Weekly Schedule

Date Schedule

Wake On Lan

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

Warning will be initiated 10 minutes before Scheduled Shutdown Event

Apply

Reset

Help

NetAgent Mini & NetAgent II

NetAgent

UPS On/Off Schedule

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

Weekly Schedule

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

Date Schedule

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

Warning will be initiated 10 minutes before Scheduled Shutdown Event

Apply

Reset

Help

- Date Schedule

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

Warning will be initiated before Schedule shutdown event

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

NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Configuration > UPS On/Off Schedule' interface for NetAgent 9 Mini & NetAgent 9. The 'Date Schedule' tab is selected. The interface includes a left sidebar with navigation options: Information, Configuration (selected), Log Information, and Help. Under Configuration, there are links for UPS Configuration, UPS On/Off Schedule (selected), Network, SNMP, Email, SMS, Web/Telnet, System Time, SMS Modem, NetSwitch, NetFeeler, Modbus, and Language. The main content area has tabs for UPS Action, Weekly Schedule, Date Schedule (selected), and Wake On Lan. Below the tabs is a table with three columns: Date (yyyy/mm/dd), Turn On (hh:mm), and Turn Off (hh:mm). The table contains seven rows of data. Below the table, there is a label 'Warning will be initiated' followed by a dropdown menu set to '10 minutes' and the text 'before Scheduled Shutdown Event'. At the bottom right, there are three buttons: Apply, Reset, and Help.

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 'Configuration > UPS On/Off Schedule' interface for NetAgent Mini & NetAgent II. The 'Date Schedule' tab is selected. The interface includes a left sidebar with navigation options: Information, Configuration (selected), Log Information, and Help. Under Configuration, there are links for UPS Configuration, UPS On/Off Schedule (selected), Network, SNMP, Email, SMS, Modem Port, NetFeeler II, WEB/Telnet, System Time, and Language. The main content area has tabs for Date Schedule (selected), Wake On Lan, and a third tab. Below the tabs is a table with three columns: Date (yyyy/mm/dd), Turn On (hh:mm), and Turn Off (hh:mm). The table contains seven rows of data. Below the table, there is a label 'Warning will be initiated' followed by a dropdown menu set to '10 minutes' and the text 'before Scheduled Shutdown Event'. At the bottom right, there are three buttons: Apply, Reset, and Help.

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

- 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

3. MAC address will be automatically searched

4. 【Test】

Configuration > UPS On/Off Schedule > Wake On Lan

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

Miscellaneous

☒ Wake up remote host after power restore

☒ Wait until battery capacity reaches to 30 %

Condition to wake UPS

2.Click 【Apply.】

Apply Reset Help

NetAgent Mini & NetAgent II

NetAgent

UPS On/Off Schedule

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

Warning will be initiated 10 minutes before Scheduled Shutdown Event

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

Miscellaneous

☒ Wake up remote host after power restore

☒ Wait until battery capacity reaches to 30 %

Apply Reset Help

■ Configuration > Network

This page is to set NetAgent Network settings.

● IPv4

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

NetAgent 9 Mini & NetAgent 9

Configuration > Network

IPv4 | IPv6 | Ethernet | Dynamic DNS | PPPoE

IP Address

IP Address: 192.168.1.100
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
Obtain an IP address: Manually

DNS Server IP

Primary DNS Server IP: 168.95.1.1
Secondary DNS Server IP: 8.8.8.8
Obtain DNS Server IP: Manually

Apply Reset Help

NetAgent Mini & NetAgent II

NetAgent

Network

IP Address

IP Address: 192.168.1.100
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
Obtain an IP address*: Manually

DNS Server IP

Primary DNS Server IP: 192.168.1.100
Secondary DNS Server IP: 8.8.8.8

Ethernet

Connection Type*: Auto Sense
Stop UPS communication when Ethernet disconnected: No

- 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 (highlighted with a yellow box and arrow)

Router Discovery Autorespond: Yes

Maximum Number of IPv6 Prefix: 8

Multicast Address: [FF1E::1] : 5000

DNS Server IP

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

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

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

Apply (highlighted with a yellow box) Reset Help

Information > System Status

System Information Network Status

Ethernet

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

Connection Type: 100Mbps Full-Duplex

General

Email Server

Time Server: time.nist.gov

PPPoE IP

PPPoE IPv6

IPv4

IP Address: 192.168.1.100

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS Server: 168.95.1.1

Secondary DNS Server: 8.8.8.8

IPv6 (highlighted with a yellow box)

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

2001:b011:200b:14f4:49ad:ddeb:7f2e:6b5a/64

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

6to4 Address

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

Primary DNS Server

Secondary DNS Server

Help

Browser Address Bar: http://[2001:b011:200b:14f4:203:eaff:fe14:b309]/

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

Configuration > Network

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

Connection Type *

Stop UPS communication when Ethernet disconnected

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

Auto Sense
 10Mbps Half-Duplex
 10Mbps Full-Duplex
 100Mbps Half-Duplex
 100Mbps Full-Duplex

Apply Reset Help

NetAgent Mini & NetAgent II

NetAgent

Network

Obtain an IP address*

DNS Server IP

Primary DNS Server IP

Secondary DNS Server IP

Ethernet

Connection Type*

Stop UPS communication when Ethernet disconnected

Modbus on TCP Device ID

自動偵測
 10Mbps 半雙工
 10Mbps 全雙工
 100Mbps 半雙工
 100Mbps 全雙工

Dynamic DNS

Services Provider

Domain Name

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

Apply Reset Help

- 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

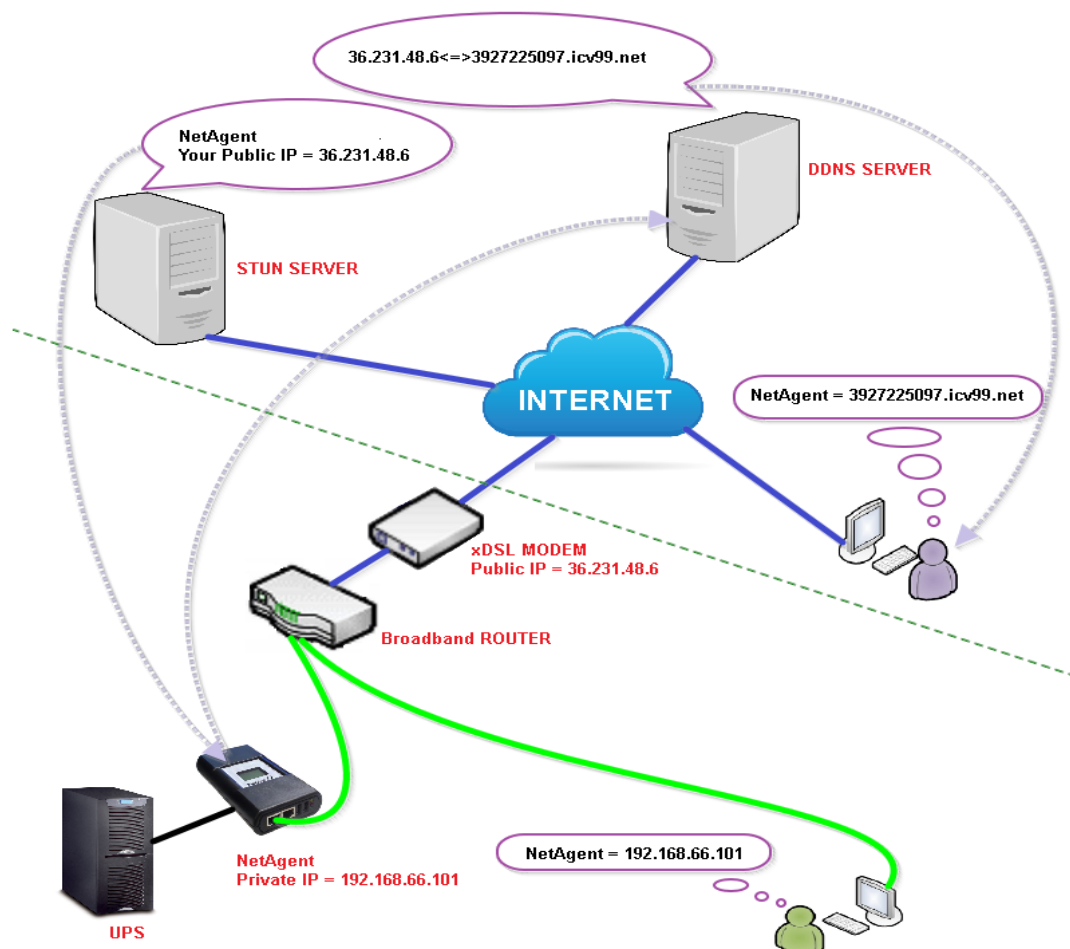
This is the Login / Account name that you have created with the selected DDNS provider.

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



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

4.Registration complete

Latest Events
[07:04:32] Registration with DDNS server completed

Configuration > Network

IPv4 | IPv6 | Ethernet | **Dynamic DNS** | PPPOE

Service Provider: icv99.net

Domain Name: 3927225097.icv99.net

Login Name: 3927225097

Login Password: *****

Use external STUN server to get Public IP to register: No

Primary STUN Server IP: 211.167.53

Secondary STUN Server IP:

None
3322.org
dhs.org
DynDNS(Dynamic)
DynDNS(Custom)
myddns.com
zive.org
freedns.org
icv99.net

3. Click Apply

Apply Reset Help

NetAgent 9
Maga System Technologies, Inc.
FCC Tested to Comply with FCC Standards For Home or Office Use
CE Made in Taiwan
S/N: Y-3927225097 Model: BY506
MAC: 00-03-EA-14-B2-E0
Password: 24931D03

NetAgent

Network

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Modem Port

NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

IP Address

IP Address 192.168.66.103

Subnet Mask 255.255.255.0

Gateway 192.168.66.1

Obtain an IP address* Using DHCP

DNS Server IP

Primary DNS Server IP 192.168.66.1

Secondary DNS Server IP

Ethernet

Connection Type* Auto Sense

Stop UPS communication when Ethernet disconnected No

Modbus on TCP Device ID 1

Dynamic DNS

Services Provider icv99.net

Domain Name 3926404591.icv99.net

Login Name 3926404591

Login Password

Use external STUN server to get Public IP to register Yes

Primary STUN Server IP 211.21.67.53

Secondary STUN Server IP

PPPoE

When Connection should be made Disabled

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

Apply Reset Help

NetAgent II

Mega System Technologies, Inc.

FC Tested to Comply with FCC Standards For Home or Office Use

CE

S/N:T-3926404591 Model:BT506

MAC:00-03-EA-08-2D-EF

Password:2BB1ED12

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

Router Configuration

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

VIRTUAL SERVER
The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.

24 -- VIRTUAL SERVERS LIST

	Name	Application Name	Port	Traffic Type	Schedule
☒	BY506	<< Application Name	Public Port 80	Protocol TCP	Schedule Always
	IP Address 192.168.66.101	<< Computer Name	Private Port 80	6	Inbound Filter Allow All

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

NetAgent 9 Mini & NetAgent 9

The screenshot shows the NetAgent IX web interface. The browser address bar displays <http://3927225097.icv99.net/>. The interface includes a sidebar with navigation links: Information, System Status, Basic Information, Current Status, Remote Control, Meter/Chart, SMS Modem Status, and NetAgent. The main content area shows the 'Current Status' tab, which includes sections for Input Status, Output Status, and Battery Status. The 'Latest Events' section on the right shows a log of events: [11:31:01] UPS Load Normal (10%), [11:30:52] UPS Load Overrun (100%), and [11:30:40] UPS communication has been established.

NetAgent Mini & NetAgent II

The screenshot shows the NetAgent web interface. The browser address bar displays <http://3926404591.icv99.net/>. The interface includes a sidebar with navigation links: Information, System Status, Basic Information, Current Status, Remote Control, Meter/Chart, Modem Status, NetFeeler II, Configuration, Log Information, and Help. The main content area shows the 'Current Status' tab, which includes a 'Refresh status every' dropdown set to 10 seconds. The 'UPS Status' section shows 'UPS Normal'. The 'Input Status' section shows: AC Status (Normal), Input Line Voltage (220.1 V), Input Max. Line Voltage (220.1 V), Input Min. Line Voltage (220.1 V), and Input Frequency (50.0 Hz). The 'Output Status' section shows: Output Voltage (220.1 V), Output Status (Online), and UPS load (10 %). The 'Battery Status' section shows: Temperature (30.1 °C (86.1 °F)), Battery Status (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 (--), and UPS Next Self Test (--).

4. To change domain name or password, please go to www.icv99.net



Dynamic Domain Name Server (DDNS) Logout

Step1 : Registration Step2 : Set Domain Name and Click Done

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

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

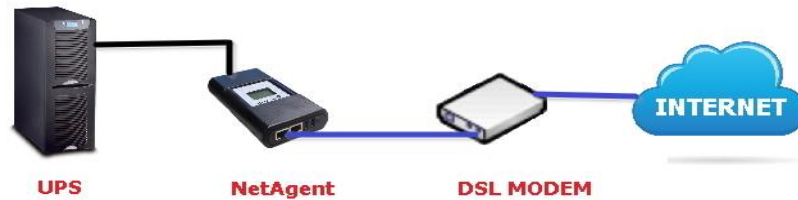
* Blank = Use existing password
Required, if a new domain name is assigned. Must be 4 to 10 characters (0-9, a-z, A-Z only).

Done

Click on Done

- PPPoE

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



NetAgent 9 Mini & NetAgent 9

Configuration > Network

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

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

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

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

Buttons: **Apply** (highlighted), Reset, Help

NetAgent Mini & NetAgent II

NetAgent

Network

Obtain an IP address*: Using DHCP

DNS Server IP

Primary DNS Server IP: 192.168.66.1

Secondary DNS Server IP:

Ethernet

Connection Type*: Auto Sense

Stop UPS communication when Ethernet disconnected: No

Modbus on TCP Device ID: 1

Dynamic DNS

Services Provider: icv99.net

Domain Name: 3926404591.icv99.net

Login Name: 3926404591

Login Password:

Use external STUN server to get Public IP to register

Primary STUN Server IP:

Secondary STUN Server IP:

PPPoE

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

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

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

Buttons: **Apply** (highlighted), Reset, Help

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

Disabled Connect always (highlighted)

■ Configuration > Wireless

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

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



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

NetAgent 9 Mini & NetAgent 9

Information

Configuration

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

Log Information

Help

Configuration > Wireless

AP Setting | IPv4 | IPv6

SSID	MAC Address	Network Security	Auth(Enc)	Signal(%)
☐ 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	WPA2-PSK (TKIP)	

1. Scan → [Scan] [Select]

2. Select AP → T1_WiFi

3. Select Authentication → WPA2-PSK

4. Select WPA → TKIP

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

6. Apply → [Apply] [Reset] [Help]

↓

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

Wireless

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > Wireless

AP Setting IPv4 IPv6

SSID	MAC Address	Network Security	Auth(Enc)	Signal(%)
☐ 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)	

7. Connected

SSID

T1_WiFi

Authentication

WPA2-PSK

WPA Encryption

TKIP

WPA Key (8 to 64 characters)

Scan

Select

Apply

Reset

Help

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

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

NetFeeler

Configuration

Log Information

Help

Information > System Status

System Information Network Status Wireless Status

Ethernet

MAC Address

54:E6:FC:90:17:EC

General

Primary DNS Server

192.168.66.1

Secondary DNS Server

IPv4

IP Address

192.168.66.103

Subnet Mask

255.255.255.0

Gateway

192.168.66.1

IPv6

IP Address

LinkLocal Address

fe80::56e6:fcff:fe90:17ec/64

Gateway

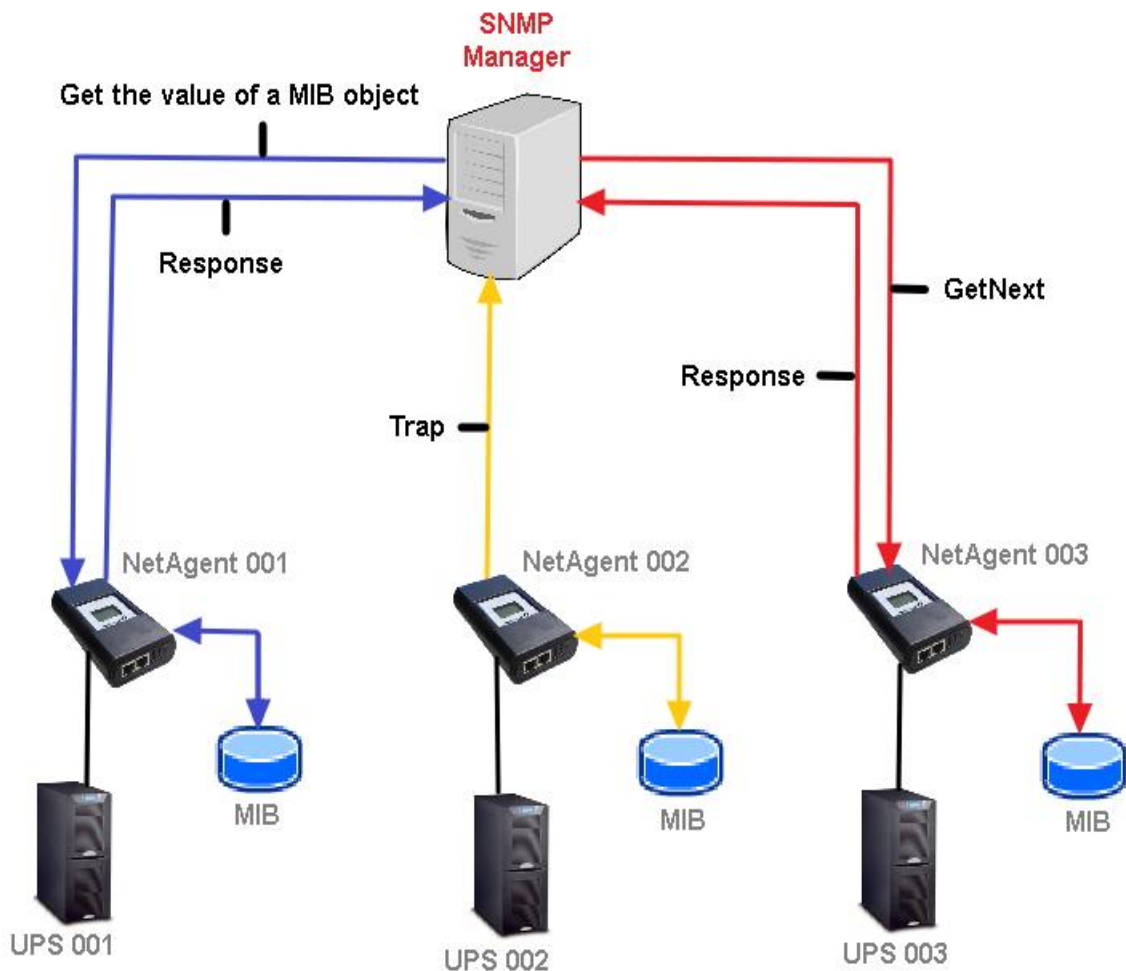
Help

■ Configuration > SNMP

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

SNMP version supported by NetAgent type

	SNMP V1	SNMP V2	SNMP V3
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 NetAgent receive and send SNMP command. (Default is 161)

Trap Receive Port :

The port to receive trap. (Default is 162)

SNMPv3 Engine ID

SNMPv3 Engine ID Format Type :

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

✳Once click on Apply, NetAgent will reboot

SNMPv3 Engine ID Text :

SNMPv3 Engine ID content

NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > SNMP

General | Access Control | Trap Notification | Device Connected

MIB System

System Name

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.

Apply

Reset

Help

NetAgent Mini & NetAgent II

NetAgent SNMP

Information

Configuration

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

Log Information

Help

MIB System

System Name	System Contact	System Location
UPS Agent	Administrator	My Office

Access Control

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

SNMP UDP Port

NetAgent SNMP Port*	Trap Receive Port*
161	162

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

Apply Reset Help

● Access Control

Manager IP Address :

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

Version:

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

Community :

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

Permission :

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

Description :

This is to make note for administrator's reference

NetAgent 9 Mini & NetAgent 9

Configuration > SNMP

General Access Control Trap Notification Device Connected

Manager IP

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

SNMP Version all&v3 Settings

User Name: USER2658

Authentication Protocol: MD5

Authentication Password: *****

Privacy Protocol: DES

Privacy Password: *****

At least 8 characters

Apply Reset Help

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

**** means any IP

NetAgent Mini & NetAgent II

NetAgent SNMP

Information

Configuration

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

Log Information

Help

MIB System

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

Access Control

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

Trap Notification

Apply Reset Help

● Trap Notification

Trap Notification

Destination IP Address :

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

Accept :

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

Community :

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

Trap Type :

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

★MIB file is available in the CD provided with NetAgent

Severity :

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

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

Description :

This is to make note for administrator's reference

Events :

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

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

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

SNMP Inform Request

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

NetAgent 9 Mini & NetAgent 9

Configuration > SNMP

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

Trap Notification

Destination IP	Accept	Community	Trap Type	Severity	Description	Events
192.168.66.12	SNMPv3 Trap	public	PPC	Information	6F IDC	Select Test
192.168.66.28	SNMPv1 Trap	public	RFC1628	Information	6F IDC	Select Test
192.168.66.45	SNMPv2 Trap	public	PPC	Warning	7F IDC	Select Test
192.168.66.67	SNMPv2 Inform	public	PPC	Severe	8F IDC	Select Test
192.168.66.70	SNMPv2 Trap	public	PPC	Warning	9F IDC	Select Test
192.168.66.101	SNMPv2 Inform	public	PPC	Severe	10F IDC	Select Test
192.168.66.211	SNMPv4 Trap	public	PPC	Warning	11F IDC	Select Test
192.168.66.234	SNMPv3 Inform	public	PPC	Information	12F IDC	Select Test

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

SNMP Inform Request

Number of Retries: 3

Timeout (sec): 5

Apply Reset Help

Legend:

- No
- SNMPv1 Trap
- SNMPv2 Trap
- SNMPv2 Inform
- SNMPv3 Trap
- SNMPv3 Inform

Severity Legend:

- Information
- Warning
- Severe

SNMPv3 Trap Settings

User Name: admin1028

Authentication Protocol: MD5

Authentication Password:

Privacy Protocol: DES

Privacy Password:

Apply Reset

Legend:

- None
- MD5
- SHA

Select Event

UPS Events | NetFeeler II

Schedule Shutdown Event	YES	NO
UPS Failure	☒	☐
UPS entering Test mode	☒	☐
UPS entering Sleeping mode	☒	☐
UPS entering Boost mode	☒	☐
UPS Load Overrun	☒	☐
UPS Communication Loss	☒	☐
Turn Off UPS	☒	☐
AC Power Failed	☒	☐
UPS Battery Low	☒	☐
UPS Temperature Overrun	☒	☐
UPS Capacity Underrun	☒	☐
UPS entering Bypass mode	☒	☐

Select All Clear All Apply

NetAgent Mini & NetAgent II

NetAgent

Information

Configuration

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

Log Information

Help

SNMP

192.168.66.211

public
public
Read/Write
Read

Trap Notification

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

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

SNMP Inform Request

Number of Retries: 3
Timeout (sec): 5

Device Connected

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

SNMP UDP Port

NetAgent SNMP Port*
Trap Receive Port*

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

Apply Reset Help

UPS Events	Yes	No
Schedule Shutdown Event	☒	☐
UPS Failure	☒	☐
UPS entering Test mode	☒	☐
UPS entering Sleeping mode	☒	☐
UPS entering Boost mode	☒	☐
UPS Load Overrun	☒	☐
UPS Communication Lost	☒	☐
Turn Off UPS	☒	☐
AC Power Failed	☒	☐
UPS Battery Low	☒	☐
UPS Temperature Overrun	☒	☐
UPS Capacity Underrun	☒	☐
UPS entering Bypass mode	☒	☐
NetFeeler II	Yes	No
Smoke Alarm	☒	☐
Water Alarm	☒	☐
Gas Alarm	☒	☐
Security Alarm	☒	☐
Environmental Temperature Overrun	☒	☐
Environmental Temperature Underrun	☒	☐
Environmental Humidity Overrun	☒	☐
Environmental Humidity Underrun	☒	☐

Select All Clear All Apply

- Device Connected

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

NetAgent 9 Mini & NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Modbus

Language

Log Information

Help

Configuration > SNMP

GeneralAccess ControlTrap NotificationDevice Connected

	Device	Rating (%)	Connected
1	EPSON PRINTER	25	YES
2	ACER LCD	15	YES
3	ASUS I5 PC	20	YES
4	HP I5 PC	20	YES

Apply

Reset

Help

NetAgent Mini & NetAgent II

NetAgent

SNMP

Destination IP Address	Community	Trap Type	Severity	Trap Port	Description	Forms
192.168.66.12	public	PPC ▼	Information ▼	SNMPPv1 Trap ▼	5F IDC	Select Test
192.168.66.28	public	RFC1628 ▼	Warning ▼	SNMPPv2 Trap ▼	6F IDC	Select Test
192.168.66.45	public	PPC ▼	Severe ▼	SNMPPv2 Inform ▼	7F IDC	Select Test
192.168.66.67	public	PPC ▼	Information ▼	SNMPPv1 Trap ▼	8 IDC	Select Test
192.168.66.70	public	PPC ▼	Warning ▼	SNMPPv2 Trap ▼	9 IDC	Select Test
192.168.66.33	public	PPC ▼	Severe ▼	SNMPPv2 Inform ▼	10 IDC	Select Test
192.168.66.90	public	PPC ▼	Information ▼	SNMPPv2 Trap ▼	11 IDC	Select Test
192.168.66.17	public	PPC ▼	Information ▼	SNMPPv2 Inform ▼	12 IDC	Select Test

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

SNMP Inform Request
 Number of Retries: [3]
 Timeout (sec): [5]

Device Connected

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

SNMP UDP Port
 NetAgent SNMP Port*: [161]
 Trap Receive Port*: [162]

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

Apply Reset Help

■ Configuration > Email

To send email notification when event occurs or data log

● Email Setting

Email Server:

Enter the address of email server

Email Port:

Email Port that use for sending email

Enable SSL on Email Transmission:

Select SSL type for email transmission

Type of encryption that NetAgent model supports

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

Sender's Email Address :

To enter the email address that for sending email

Email Server Requires Authentication :

If such email server requires authentication or not

Account name :

If authentication is required, enter its account name

Password :

If authentication is required, enter its password

Sending Test Mail :

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

NetAgent 9 Mini & NetAgent 9

Configuration > Email

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

Email Server: smtp.gmail.com

Email Port: 465

Enable SSL on Email Transmission: SSL/TLS

Sender's Email Address: ttc@gmail.com

Email Server Requires Authentication: YES

Account Name: ttc

Password:

Sending test mail: [Test Mail]

SSL/TLS
STARTTLS
NONE

Apply | Reset | Help

Configuration > Email

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

Email Server: smtp.gmail.com

Email Port: 465

Enable SSL on Email Transmission: SSL/TLS

Sender's Email Address: ttc@gmail.com

Email Server Requires Authentication: YES

Account Name: ttc

Password:

Sending test mail: ttc2@gmail.com [Test Mail]

Apply | Reset | Help

NetAgent IX

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

Mail Sent

Configuration > Email

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

Email Server: smtp.gmail.com

Email Port: 465

Enable SSL on Email Transmission: SSL/TLS

Sender's Email Address: ttc@gmail.com

Email Server Requires Authentication: YES

Account Name: ttc

Password:

Sending test mail: [Test Mail]

Apply | Reset | Help

Test Email Received

UPS Agent(192.168.66.106):This is a test email

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

寄給我

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

NetAgent Mini & NetAgent II

1. Enter Mail Server

NetAgent

Email

Information

Configuration

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

Log Information

Help

Email Setting

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

SSL
None

3. Test Mail

Test Mail

Recipient's Email Address (for Event Log)

Send Email When Event Occurs NO

Apply Reset Help

2. Click on Apply

Test Email Received

UPS Agent(192.168.66.106):This is a test email

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

寄給我

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

- Email for Event Log (To receive email notification)

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

NetAgent 9 Mini & NetAgent 9

Configuration > Email

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

Send Email When Event Occurs: YES

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

Apply Reset Help

Select Event

Event	Yes	No
Schedule Shutdown Event	☒	☐
UPS Failure	☒	☐
UPS entering Test mode	☒	☐
UPS entering Sleeping mode	☒	☐
UPS entering Boost mode	☒	☐
UPS Load Overrun	☒	☐
UPS Communication Lost	☒	☐
Turn Off UPS	☒	☐
AC Power Failed	☒	☐
UPS Battery Low	☒	☐
UPS Temperature Overrun	☒	☐
UPS Capacity Underrun	☒	☐
UPS entering Bypass mode	☒	☐

Select All Clear All Apply

UPS Events

Event	Yes	No
Schedule Shutdown Event	☒	☐
UPS Failure	☒	☐
UPS entering Test mode	☒	☐
UPS entering Sleeping mode	☒	☐
UPS entering Boost mode	☒	☐
UPS Load Overrun	☒	☐
UPS Communication Lost	☒	☐
Turn Off UPS	☒	☐
AC Power Failed	☒	☐
UPS Battery Low	☒	☐
UPS Temperature Overrun	☒	☐
UPS Capacity Underrun	☒	☐
UPS entering Bypass mode	☒	☐

Select All Clear All Apply

NetFeeder II

Event	Yes	No
Schedule Shutdown Event	☒	☐
UPS Failure	☒	☐
UPS entering Test mode	☒	☐
UPS entering Sleeping mode	☒	☐
UPS entering Boost mode	☒	☐
UPS Load Overrun	☒	☐
UPS Communication Lost	☒	☐
Turn Off UPS	☒	☐
AC Power Failed	☒	☐
UPS Battery Low	☒	☐
UPS Temperature Overrun	☒	☐
UPS Capacity Underrun	☒	☐
UPS entering Bypass mode	☒	☐

Select All Clear All Apply

NetAgent Mini & NetAgent II

NetAgent

Information | Configuration | Log Information | Help

Configuration

UPS Configuration | UPS On/Off Schedule | Network | SNMP | **Email** | SMS | Modem Port | NetFeeder II | System Time | Language

Log Information

Help

Email

Sender's Email Address: ttc@msa.hinet.net

Email Server Requires Authentication: YES

Account Name: ttc

Password: *****

Recipient's Email Address: [Empty]

Test Mail

Recipient's Email Address (for Event Log)

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

Send Email When Event Occurs: YES

套用 清除 帮助

- Email for Daily Report (To receive daily report)

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

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

NetAgent 9 Mini & NetAgent 9

Configuration > Email

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

Account1	afra@gmail.com
Account2	dawn@yahoo.com.tw
Account3	novia@supa.com
Account4	elma.lee@msa.hinet.net
Send Email for Daily Report (hh:mm)	YES at 23:59

Apply Reset Help

NetAgent Mini & NetAgent II

NetAgent

Email

Sender's Email Address: ttc@msa.hinet.net

Email Server Requires Authentication: YES

Account Name: ttc

Password:

Recipient's Email Address: [Field] Test Mail

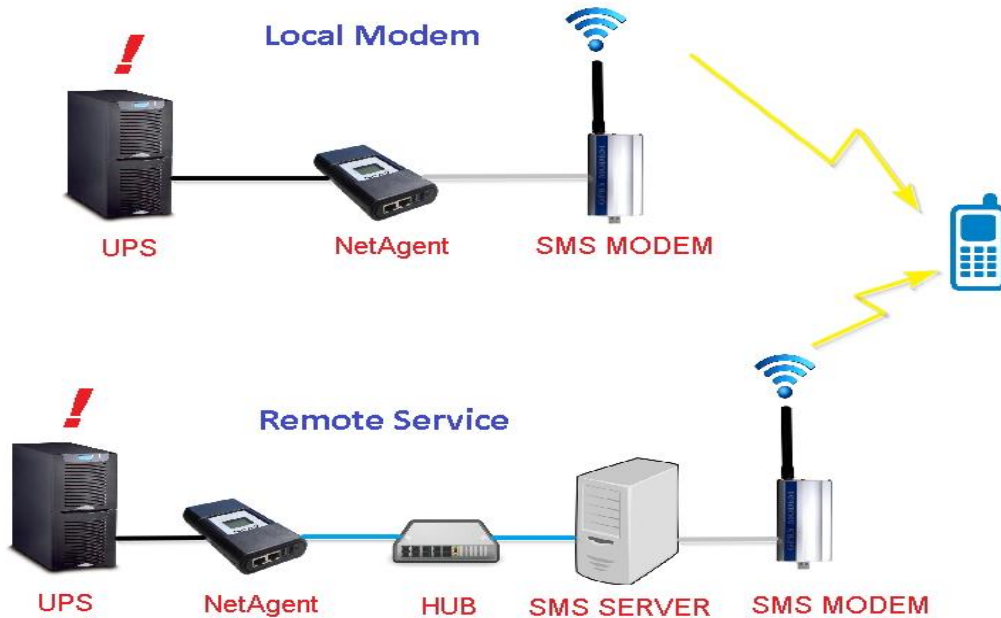
Recipient's Email Address (for Event Log)		Events
Account1	afra@gmail.com.tw	Select
Account2	dawn@yahoo.com.tw	Select
Account3	eli@zoho.com	Select
Account4	hugo@gmail.com	Select
Account5	toby@gmail.com	Select
Account6	novia@supa.com	Select
Account7	ira@gmail.com	Select
Account8	elma.lee@msa.hinet.net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

Recipient's Email Address (for Daily Report)	
Account1	afra@gmail.com.tw
Account2	dawn@yahoo.com.tw
Account3	novia@supa.com
Account4	elma.lee@msa.hinet.net
Send Email for Daily Report (hh:mm)	YES at 23:59
Send Email when Event Log overflows (500 records)	YES
Send Email when Data Log overflows (500 records)	YES

Apply Reset Help

■ Configuration > SMS

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



● SMS Setting :

Send SMS When Event Occurs:

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

SMS Server :

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

SMS Port :

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

Account Name :

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

Password :

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

Sending test SMS :

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

NetAgent 9 Mini & NetAgent 9

Configuration > SMS

SMS Setting | Mobile for Event Log

Local Modem

Send SMS When Event Occurs: Use Local Modem (selected)

SMS Server: []

SMS Port: 80

Account Name: []

Password: []

Sending test SMS: 0955956637

1. Select Local Modem

3. Enter Mobile Number

4. Send Test SMS

2. Click Apply

Buttons: Apply, Reset, Help

Configuration > SMS

SMS Setting | Mobile for Event Log

Remote Service

Send SMS When Event Occurs: Use Remote Service (selected)

SMS Server: 192.168.66.101

SMS Port: 80

Account Name: ttc

Password: []

Sending test SMS: 0955956637

1. Select Remote Service

3. Enter Mobile Number

4. Send Test SMS

2. Click Apply

Buttons: Apply, Reset, Help

NetAgent Mini & NetAgent II

NetAgent

SMS

Local Modem

SMS Settings

Send SMS When Event Occurs: Use Local Modem (selected)

SMS Server: []

SMS Server Port: 80

Account Name: []

Password: []

Sending test SMS: 0955956637

Remote Service

SMS Settings

Send SMS When Event Occurs: Use Remote Service (selected)

SMS Server: 192.168.66.101

SMS Server Port: 80

Account Name: ttc

Password: []

Sending test SMS: 0955956637

Receiver cellular number(for Event Log)

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

- Mobile for Event Log

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

NetAgent 9 Mini and NetAgent 9

The screenshot shows the NetAgent 9 configuration interface. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help'. The 'Configuration' section is expanded, showing 'SMS' as the selected option. The main area is titled 'Configuration > SMS' and has two tabs: 'SMS Setting' and 'Mobile for Event Log'. The 'Mobile for Event Log' tab is active, displaying a table of 8 cellular phone numbers, each with a 'Select' button. Below this table are 'Apply', 'Reset', and 'Help' buttons. A yellow box highlights the 'Select Event' dialog, which has two tabs: 'UPS Events' and 'NetFeeler II'. The 'UPS Events' tab is active, showing a list of events with 'YES' and 'NO' radio buttons. A yellow box also highlights the 'UPS Events' table, which lists various events and their status.

Cellular Phone number	Value	Select
Cellular Phone number1	0987924136	Select
Cellular Phone number2	0922725208	Select
Cellular Phone number3	0916461726	Select
Cellular Phone number4	0933988688	Select
Cellular Phone number5	0912334579	Select
Cellular Phone number6	0987300988	Select
Cellular Phone number7	0955670091	Select
Cellular Phone number8	0917577633	Select

Event	YES	NO
Schedule Shutdown Event	☐	☐
UPS Failure	☐	☐
UPS entering Test mode	☐	☐
UPS entering Sleeping mode	☐	☐
UPS entering Boost mode	☐	☐
UPS Load Overrun	☐	☐
UPS Communication Lost	☐	☐
Turn Off UPS	☐	☐
AC Power Failed	☐	☐
UPS Battery Low	☐	☐
UPS Temperature Overrun	☐	☐
UPS Capacity Underrun	☐	☐
UPS entering Bypass mode	☐	☐

UPS Events	Yes	No
Schedule Shutdown Event	☐	☐
UPS Failure	☐	☐
UPS entering Test mode	☐	☐
UPS entering Sleeping mode	☐	☐
UPS entering Boost mode	☐	☐
UPS Load Overrun	☐	☐
UPS Communication Lost	☐	☐
Turn Off UPS	☐	☐
AC Power Failed	☐	☐
UPS Battery Low	☐	☐
UPS Temperature Overrun	☐	☐
UPS Capacity Underrun	☐	☐
UPS entering Bypass mode	☐	☐

NetFeeler II	Yes	No
Smoke Alarm	☐	☐
Water Alarm	☐	☐
Gas Alarm	☐	☐
Security Alarm	☐	☐
Environmental Temperature Overrun	☐	☐
Environmental Temperature Underrun	☐	☐
Environmental Humidity Overrun	☐	☐
Environmental Humidity Underrun	☐	☐

NetAgent II and NetAgent Mini

The screenshot shows the NetAgent II configuration interface. The left sidebar contains a menu with 'Information', 'Configuration', 'Log Information', and 'Help'. The 'Configuration' section is expanded, showing 'SMS' as the selected option. The main area is titled 'SMS Settings' and contains fields for 'Send SMS When Event Occurs', 'SMS Server', 'SMS Server Port', 'Account Name', 'Password', and 'Sending test SMS'. Below these fields is a 'Test SMS' button. A yellow box highlights the 'Receiver cellular number(for Event Log)' table, which lists 8 cellular phone numbers, each with a 'Select' button. A yellow box also highlights the 'Events' table, which lists various events and their status.

Receiver cellular number(for Event Log)	Value	Select
Cellular Phone number 1	0987924136	Select
Cellular Phone number 2	0922725208	Select
Cellular Phone number 3	0916461726	Select
Cellular Phone number 4	0933988688	Select
Cellular Phone number 5	0912334579	Select
Cellular Phone number 6	0987300988	Select
Cellular Phone number 7	0955670091	Select
Cellular Phone number 8	0917577633	Select

Events	Yes	No
Schedule Shutdown Event	☐	☐
UPS Failure	☐	☐
UPS entering Test mode	☐	☐
UPS entering Sleeping mode	☐	☐
UPS entering Boost mode	☐	☐
UPS Load Overrun	☐	☐
UPS Communication Lost	☐	☐
Turn Off UPS	☐	☐
AC Power Failed	☐	☐
UPS Battery Low	☐	☐
UPS Temperature Overrun	☐	☐
UPS Capacity Underrun	☐	☐
UPS entering Bypass mode	☐	☐

■ 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

Configuration > Web / Telnet

User Account | SSL Information | RADIUS Server Settings

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

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

Apply Reset Help

Windows Security

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

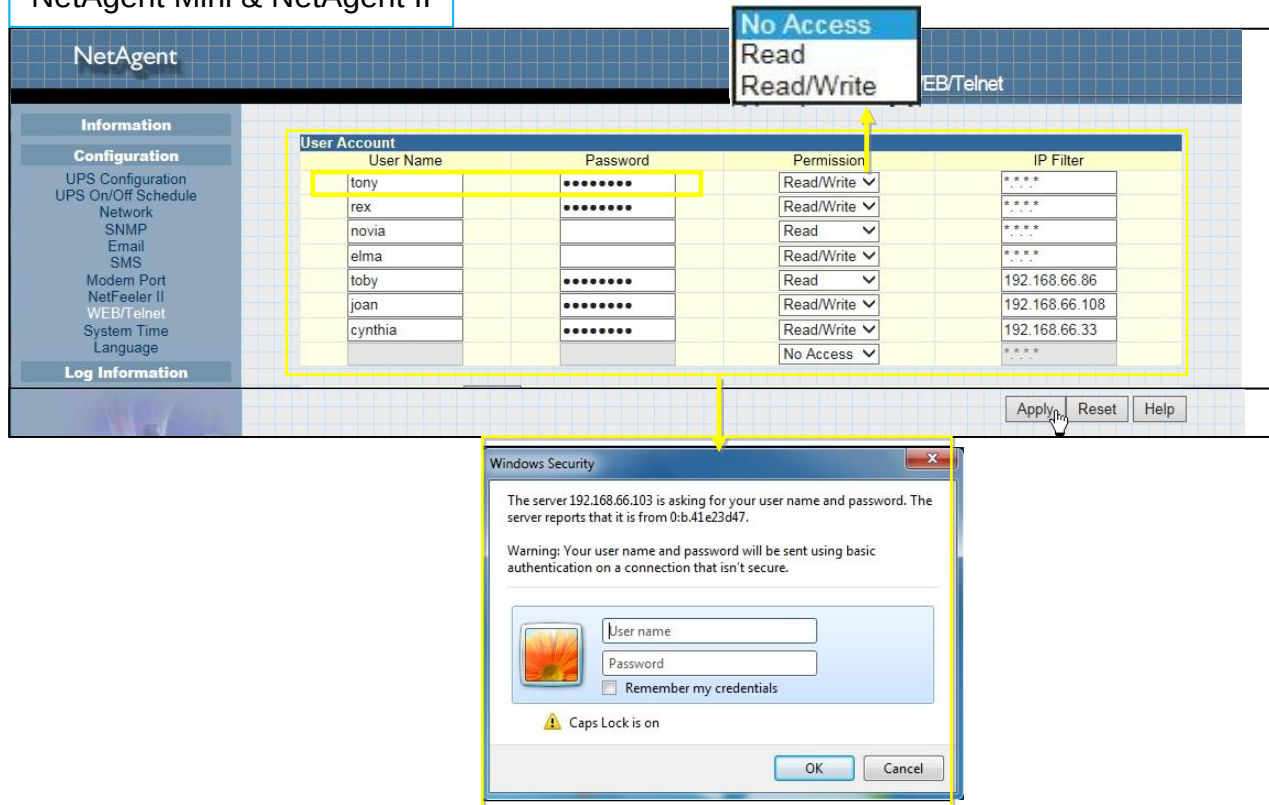
Warning: Your user name and password will be sent using basic authentication on a connection that isn't secure.

User name
Password
☐ Remember my credentials

⚠ Caps Lock is on

OK Cancel

NetAgent Mini & NetAgent II



● SSL Information

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

Table of SSL versions that NetAgent supports

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

Configuration > Web / Telnet

SSL Information

HTTPS Protocol

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

1.Upload Public Key

2. Upload Certification

SSL Information

SSL Public Key	G:\netagent9_key	瀏覽...	Upload and Replace
Public Key Length	1024 bits		
SSL Certificate	G:\netagent9_cert	瀏覽...	Upload and Replace
Issued To	NetAgent		
Issued By	NetAgent		
Valid From	2016-11-09		
Valid Until	2018-11-09		

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

NetAgent Mini & NetAgent II

NetAgent

WEB/Telnet

Information

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

Log Information

Help

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

SSL Public Key Information

SSL Public Key	G:\NetAgentII_key	瀏覽...	Upload and Replace
Public Key Length	1024 bits		

SSL Certificate Information

SSL Certificate	G:\NetAgentII_cert	瀏覽...	Upload and Replace
Issued To	NetAgent		
Issued By	NetAgent		
Valid From	2014-04-24		
Valid Until	2016-04-23		

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

Internet Explorer

https://192.168.66.133/ https://192.168.66.133

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。

按這裡關閉此網頁。

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

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UPS On/Off Schedule

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System Time

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Language

Log Information

Help

Configuration > Web / Telnet

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

Enable RADIUS in Web/Telnet login

YES ☒

RADIUS Server Address

192.168.66.5

Authentication Port

1812

Shared Key

.....

Connection TimeOut

5

second(s)

Connection Retry

3

Apply

Reset

Help

NetAgent Mini & NetAgent II

NetAgent

WEB/Telnet

Information

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UPS Configuration

UPS On/Off Schedule

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NetFeeler II

WEB/Telnet

System Time

Language

Log Information

Help

					No Access			
					No Access			

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

RADIUS Server Settings

Enable RADIUS in Web/Telnet login	YES
RADIUS Server Address	192.168.66.5
Authentication Port	1812
Shared Key	
Connection TimeOut	5 second(s)
Connection Retry	3

Apply

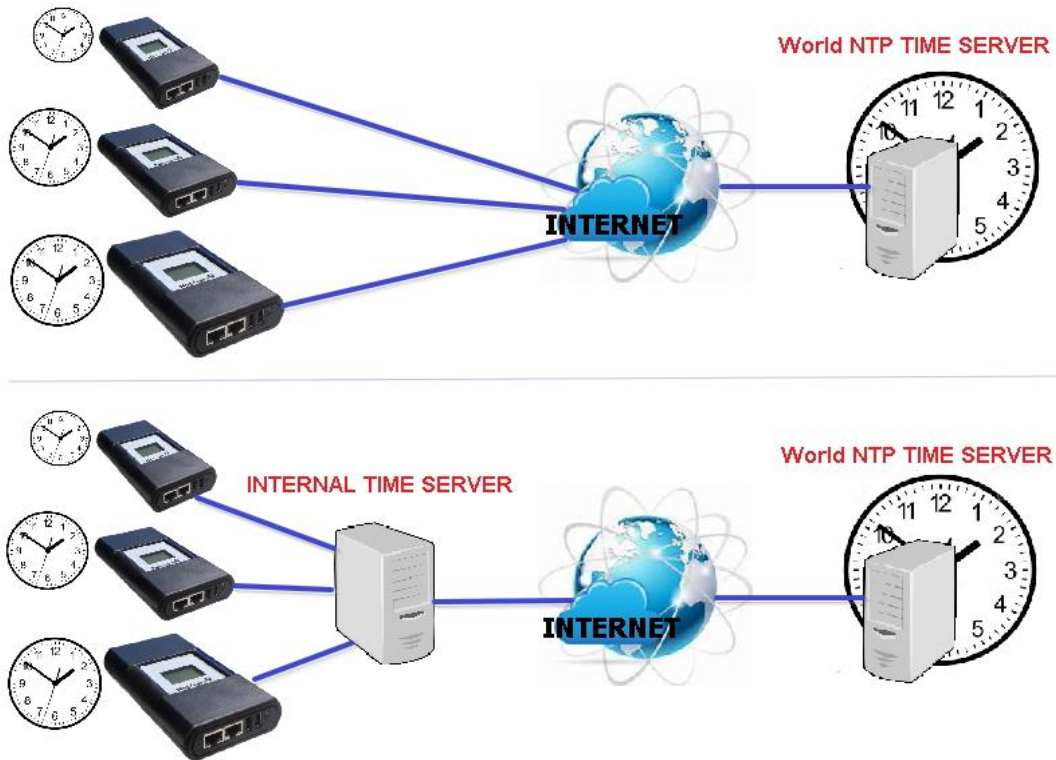
Reset

Help

SSL Public Key Information

■ Configuration > System Time

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



System Time

Time Between Automatic Updates :

To set an interval for time synchronization.

Time Server :

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

Time Zone(Relative to GMT) :

To select its GMT time zone

Using Daylight Saving Time :

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

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

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

Restart

Auto Restart System for Every (0 is disabled):

NetAgent to restart automatically at preset hour or minute

Manual Restart System After 30 seconds :

Once click on Apply, NetAgent would restart after 30 seconds

NetAgent 9 Mini & NetAgent 9

1. Select Time Server

2. Adjust Now

Add Time Server

The screenshot displays the NetAgent 9 configuration interface. The left sidebar shows the 'System Time' menu item. The main panel is titled 'Configuration > System Time'. It contains the following fields:

- Time Between Automatic Updates:** 1 Hour
- Time Server:** time.nist.gov (with an 'Edit' button)
- Time Zone (Relative to GMT):** GMT+8:00
- Using Daylight Saving Time:** NO
- System Time (yyyy/mm/dd hh:mm:ss):** 2017/06/19 11:18:33

Below these fields is a 'Restart' section with two options:

- Auto Restart System for Every (0: Disable):** 0 Minute(s)
- Manual Restart System After 30 Seconds**

Buttons for 'Adjust Now >>', 'Reset', 'Apply', and 'Help' are visible. A yellow box highlights the 'Edit' button and the 'Adjust Now >>' button.

The 'Add Time Server' dialog is shown below, with a text input field containing '192.168.66.5' and an 'Add' button. A list of time servers is displayed, each with a 'Delete' button:

- time.nist.gov
- time.windows.com
- ntp-sop.inria.fr
- ntp1.cs.mu.OZ.AU
- ntp1.pads.ufrj.br
- clock.uregina.ca
- subitaneous.cpsc.ucalgary.ca
- tick.usask.ca
- tock.usask.ca
- ntp.metas.ch
- swisstime.ethz.ch
- ntp.shoa.cl
- ntp.cesnet.cz
- ntp0.fau.de
- ntp1.fau.de

NetAgent 9 Mini & NetAgent 9

1. Select Time Server

2. Adjust Time

Add Time Server

The screenshot displays the NetAgent 9 configuration interface. The left sidebar shows the 'System Time' menu item. The main panel is titled 'Configuration > System Time'. It contains the following fields:

- Time Between Automatic Updates:** 12 Hours
- Time Server:** time.windows.com (with an 'Edit' button)
- Time Zone (Relative to GMT):** GMT+8:00
- Using Daylight Saving Time:** NO
- System Time (yyyy/mm/dd hh:mm:ss):** 2017/06/19 11:43:41

Below these fields is a 'Restart' section with two options:

- Auto Restart System for Every (0: Disable):** 0 Minute(s)
- Manual Restart System After 30 Seconds**

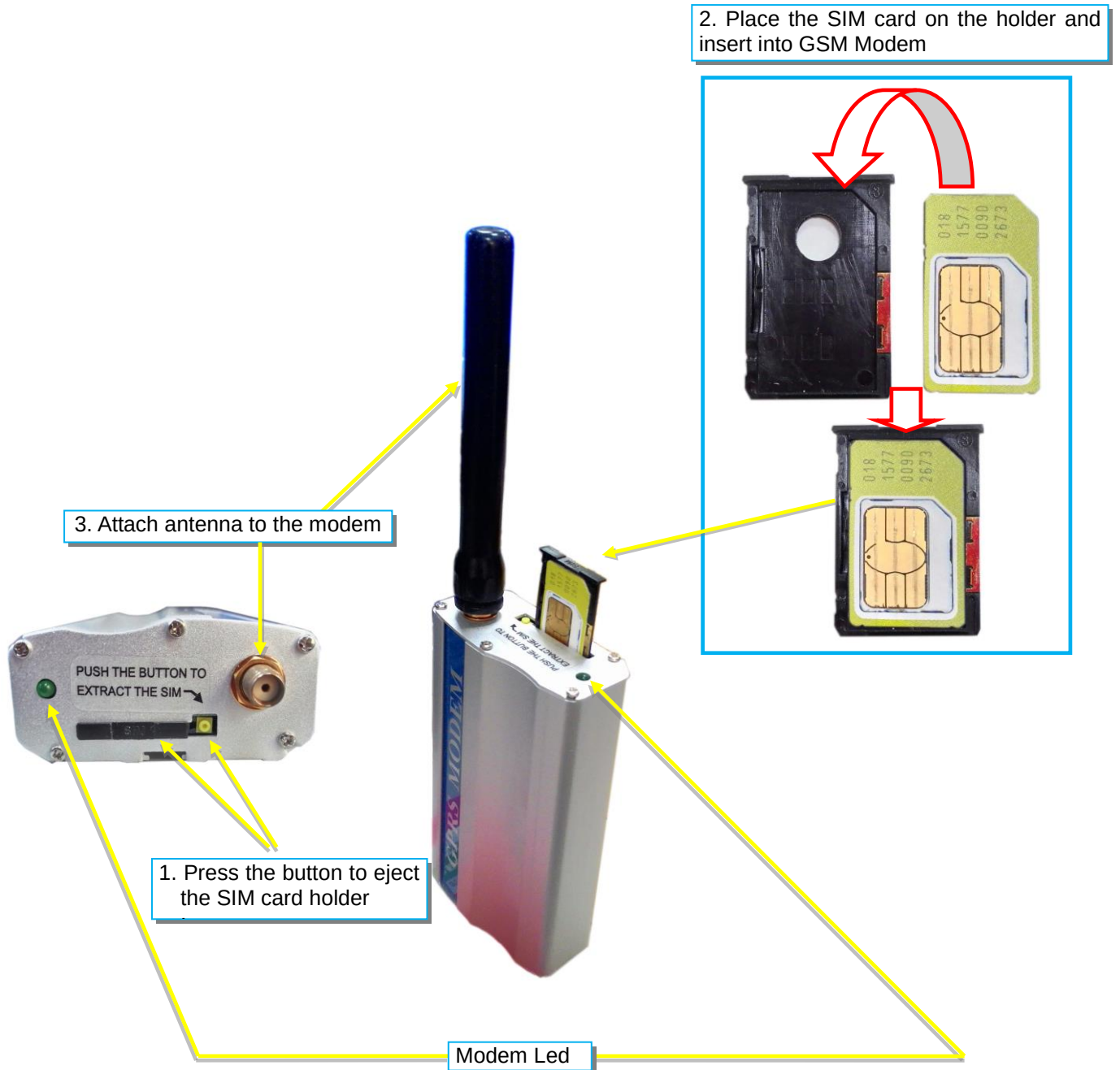
Buttons for 'Adjust Now >>', 'Reset', 'Apply', and 'Help' are visible. A yellow box highlights the 'Edit' button and the 'Adjust Now >>' button.

The 'Add Time Server' dialog is shown below, with a text input field containing '192.168.66.5' and an 'Add' button. A list of time servers is displayed, each with a 'Delete' button:

- time.nist.gov
- time.windows.com
- ntp0.cs.mu.OZ.AU
- ntp1.rnp.br
- ntp1.pads.ufrj.br
- tick.usask.ca
- ntp.metas.ch
- swisstime.ethz.ch

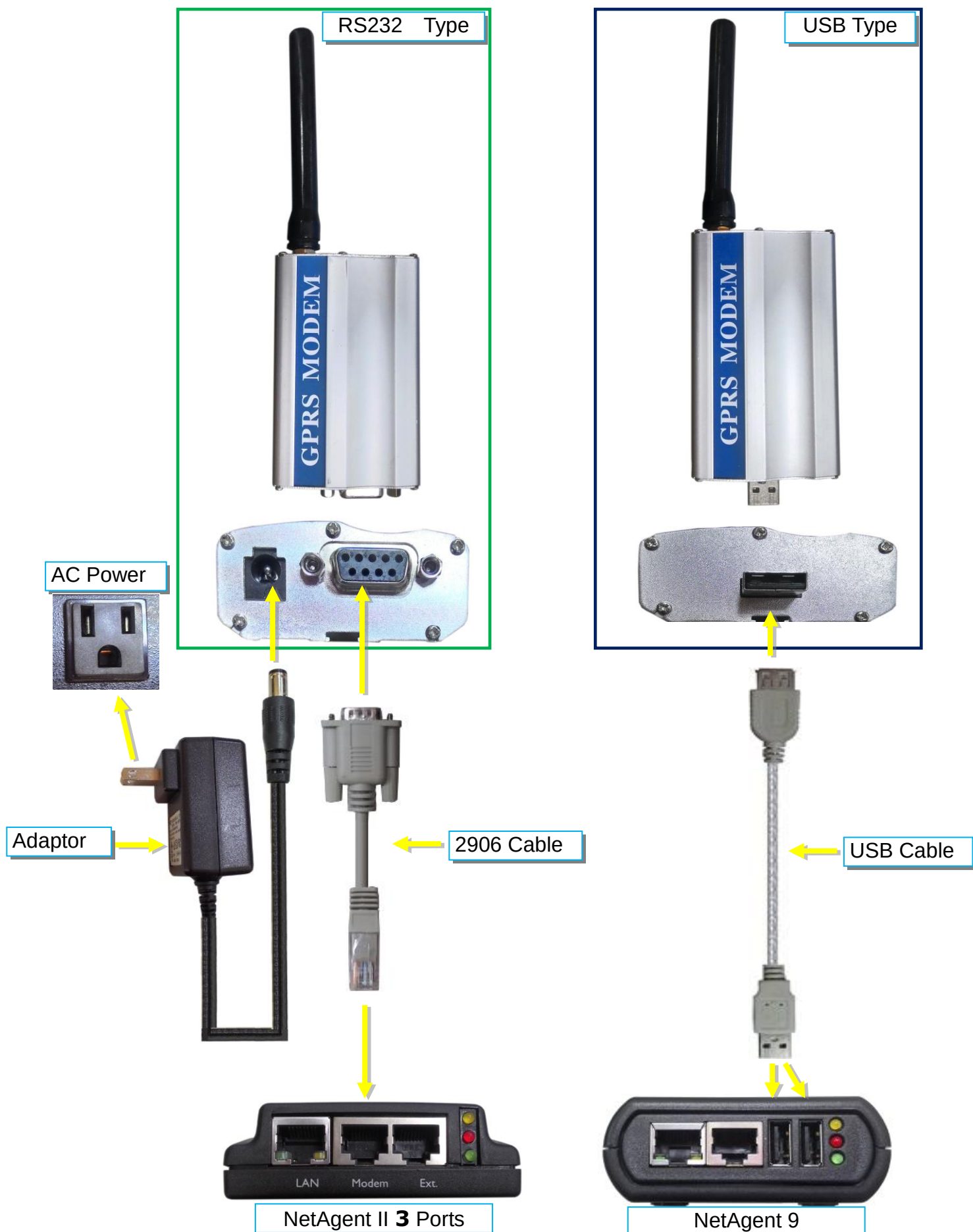
■ Configuration > SMS Modem

□ Modem Setup Procedure



Modem Led Status

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



- SMS Modem Settings

Modem Communication Port :

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

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

SMS Communication :

Select between GPRS or CDMA

SIM Card PIN :

If PIN is required for the SIM card, please enter

Confirm SIM PIN :

Retype SIM card PIN

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

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

NetAgent 9 W/USB

Configuration > SMS Modem

SMS Modem Settings Send Message

Select ttyUSB0

Modem Communication Port: ttyUSB0

SMS Communication: GPRS

Select Modem Type

SIM Card PIN: [Input Field]

Confirm SIM Card PIN: [Input Field]

SIM card PIN number

Apply Reset Help

Information > SMS Modem Status

Modem Information

Modem Manufacturer	SIEMENS
Modem Model	MC55
Modem Firmware Version	REVISION 04.10

GSM Modem Current Status

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

Modem Information and Status

Help

- Send Message

Cellular Phone number :

Enter mobile number

SMS Content(Max.70 Characters) :

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



NetAgent II 3 Ports

NetAgent

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

Select SMS]

SMS
PPP Dial-in
NetSwitch

Modem Port

Select Modem Type

Modem Settings

Modem Communication Type* SMS

SMS Settings

SMS Communication GPRS

SIM Card PIN

Confirm SIM Card PIN

GPRS
CDMA

SIM card PIN number

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

Apply

Reset

Help

Receiver cellular number and message content

Cellular Phone number 09886705898

SMS content TESTSMS ☒ Unicode ☐ Character

Send

Reset

Help

Enter the mobile number and SMS content, then click on Send

NetAgent

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

Modem Information and Status

Modem Status

Modem Information

Modem Manufacturer	SIEMENS
Modem Model	MC55
Modem Firmware Version	REVISION 04.00

GSM Modem Current Status

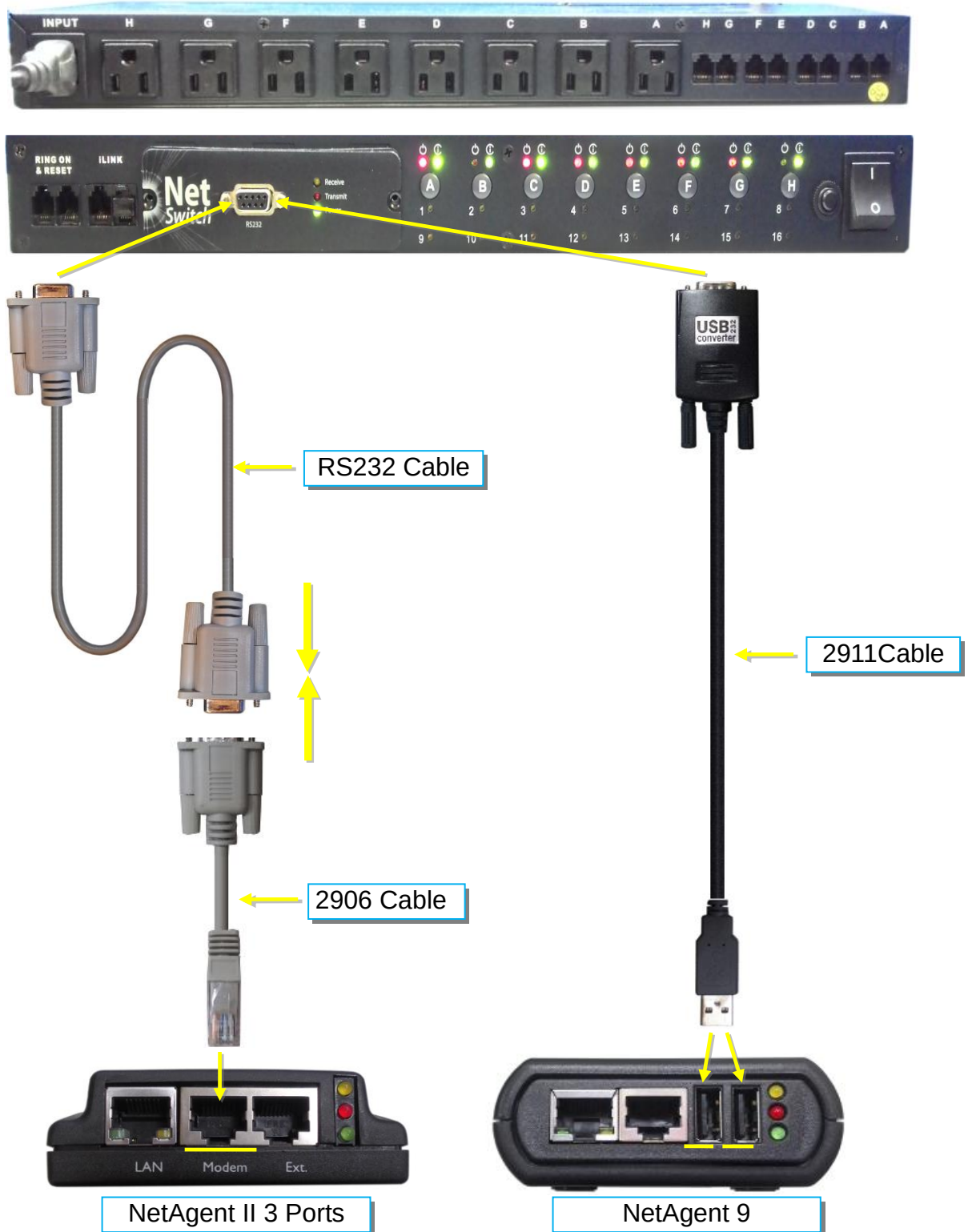
Service Provider	TWN GSM 1800
Central number of SMS service	886935874443
Signal Strength	38%
SIM card PIN is correct or not	SIM card PIN correct or no PIN configured

Help

■ Configuration > NetSwitch

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

□ NetSwitch Installation



- NetSwitch

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

NetAgent 9
 Information
Configuration
 UPS Configuration
 UPS On/Off Schedule
 Network
 SNMP
 Email
 SMS
 Web/Telnet
 System Time
 SMS Modem
NetSwitch
 NetFeeler
 Language
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 Help

Configuration > NetSwitch
Delete Action

NetSwitch
Current Action List

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]

Add Help

2. Select Event

3. Event Action

4. Select NetSwitch Number

5. Select Outlet Number

6. Select Outlet Action

Configuration > NetSwitch Action > NetSwitch Action Configuration

NetSwitch Action Configuration

Events Select UPS

Events Action Occur Remove

NetSwitch NetSwitch01(iSWITCH)

Outlet OutletA(ADSL MODEM)

Outlet Action ON OFF

Apply

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

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NetAgent II 3 Ports

NetAgent

Current Action List

NetSwitch Action

Delete Action

Information

Configuration

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

Log Information

Help

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

1. Click on Add to add new action

New Help

2. Select Event

3. Event Action

4. Select NetSwitch Number

5. Select Outlet Number

6. Select Outlet Action

NetSwitch Action Configuration

Events Select: UPS

Events Action: ☒ Occur ☐ Remove

NetSwitch: NetSwitch01(iSWITCH)

Outlet: OutletA(ADSL MODEM)

Outlet Action: ☒ ON ☐ OFF

Apply

7. Click on Apply to add into Action list

OutletA(ADSL MODEM)

OutletA(COMPUTER A)

OutletA(COMPUTER B)

OutletA(MAIL SERVER)

OutletA(DNS SERVER)

OutletA(EPSON PRINTER)

OutletA(HP PRINTER)

OutletA(EMERGENCY LIGHT)

NetSwitch02

NetSwitch03

NetSwitch04

NetSwitch05

NetSwitch06

NetSwitch07

NetSwitch08

NetSwitch09

NetSwitch10

NetSwitch11

NetSwitch12

NetSwitch13

NetSwitch14

NetSwitch15

NetSwitch16

UPS

UPS Load Overrun

UPS Communication Lost

AC Power Failed

UPS Battery Low

UPS Temperature Overrun

Battery Capacity Below to

NetFeeler II-----

Temperature Overrun

Temperature Underrun

Humidity Overrun

Humidity Underrun

Water

Smoke

Gas

Security1

Security2

Security3

Security4

Security5

Security6

Security7

- NetSwitch Settings

NetSwitchCommunication Port :

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

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

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

Select NetSwitch :

Select the NetSwitch number (0~16)

Address Change :

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

Identication :

NetSwitch’s ID name

Outlet :

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

Name :

To enter a name for each outlet for identification

Phone Controllable :

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

Control Type :

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

Power Off Delay :

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

Power Resume Daly :

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

NetAgent 9

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UPS On/Off Schedule

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Email

SMS

Web/Telnet

System Time

SMS Modem

NetSwitch

NetFeeler

Language

Log Information

Help

Configuration > NetSwitch

NetSwitch
NetSwitch Settings

None

ttyUSB0

NetSwitch Communication Port ttyUSB0 ▼

Select NetSwitch NetSwitch01(iSWITCH) ▼

Address Change ▼

Identification iSWITCH

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

Apply
Reset

NetAgent II 3 Ports

NetAgent

SMS
PPP Dial-in
NetSwitch

Modem Port

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Modem Settings

Modem Communication Type* NetSwitch

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

NetSwitch Setting

Select NetSwitch NetSwitch01

Address Change

Identification iSWITCH

safe shutdown
safe reboot
instant shutdown

Apply Reset Help

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

Apply Reset

Information

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

Configuration

Log Information

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Information > NetSwitch Status

NetSwitch Status and Control

Select NetSwitch NetSwitch01(iSWITCH)

Identification iSWITCH

Outlet	Name	Phone Controllable	Control Type	Power Off Delay	Power Resume Delay
OutletA	instant shutdown	ON			
OutletB	instant shutdown	OFF			
OutletC	instant shutdown	ON			
OutletD	instant shutdown	ON			
OutletE	instant shutdown	ON			
OutletF	instant shutdown	ON			
OutletG	instant shutdown	ON			
OutletH	instant shutdown	ON			

NetAgent

NetSwitch Status

Information

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

Configuration

Log Information

Help

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

Select NetSwitch: NetSwitch01

Identification iSWITCH

Outlet	Name	Phone Controllable	Control Type	Power Off Delay	Power Resume Delay
OutletA	instant shutdown	ON			
OutletB	instant shutdown	OFF			
OutletC	instant shutdown	ON			
OutletD	instant shutdown	ON			
OutletE	instant shutdown	ON			
OutletF	instant shutdown	ON			
OutletG	instant shutdown	ON			
OutletH	instant shutdown	ON			

All On

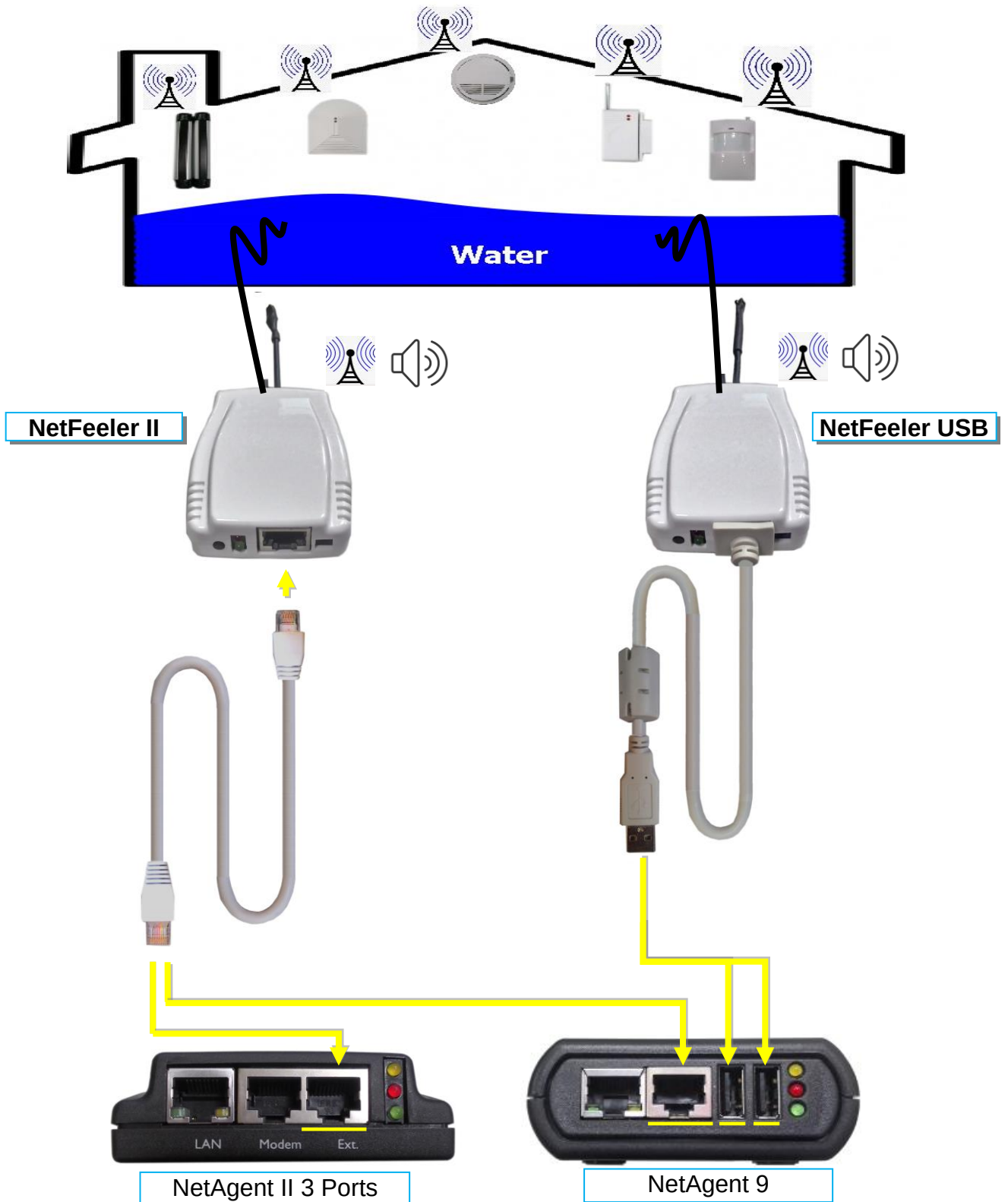
All Off

Help

■ Configuration > NetFeeler

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

□ NetFeeler Setup



NetFeeler

NetFeeler :

To select NetFeeler type. NetFeeler II / NetFeeler USB

✳️ NetAgent 9 can use with NetFeeler II or NetFeeler USB

✳️ NetAgent II 3 Ports only to use with NetFeeler II

Humidity/Temperature Critical value :

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

Security Label

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

NetAgent 9

Configuration > NetFeeler

NetFeeler

NetFeeler: NetFeeler II

Critical UnderRun: 40

Critical OverRun: 90

Humidity (%): 40

Temperature (°C): 10.0

Security Label

Label	Location
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

Parameter	Value	Location	Status
Environmental Temperature	25.0 °C (77.0 °F)	Factory gate	Normal
Environmental Humidity	60 %	Factory back door	Normal
Water Status	Normal	Office floor windows	Normal
Gas Status	Normal	Finance Dept window(left)	Normal
Smoke Status	Normal	Finance Dept window(right)	Normal
		Warehouse door	Normal
		Garage door	Normal

Clear Alarm Reset Alarm Help

NetAgent II 3 Ports

NetAgent NetFeeler II

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

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

Security Label

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

Apply Reset Help



NetAgent NetFeeler II

Information

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

Configuration

Log Information

Help

Refresh status every 10 seconds ▼

NetFeeler II Status

Environmental Temperature	27.3 °C (81.1 °F)
Environmental Humidity	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 NetFeeler II

Information

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

Configuration

Log Information

Help

Refresh status every 10 seconds ▼

NetFeeler II Status

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

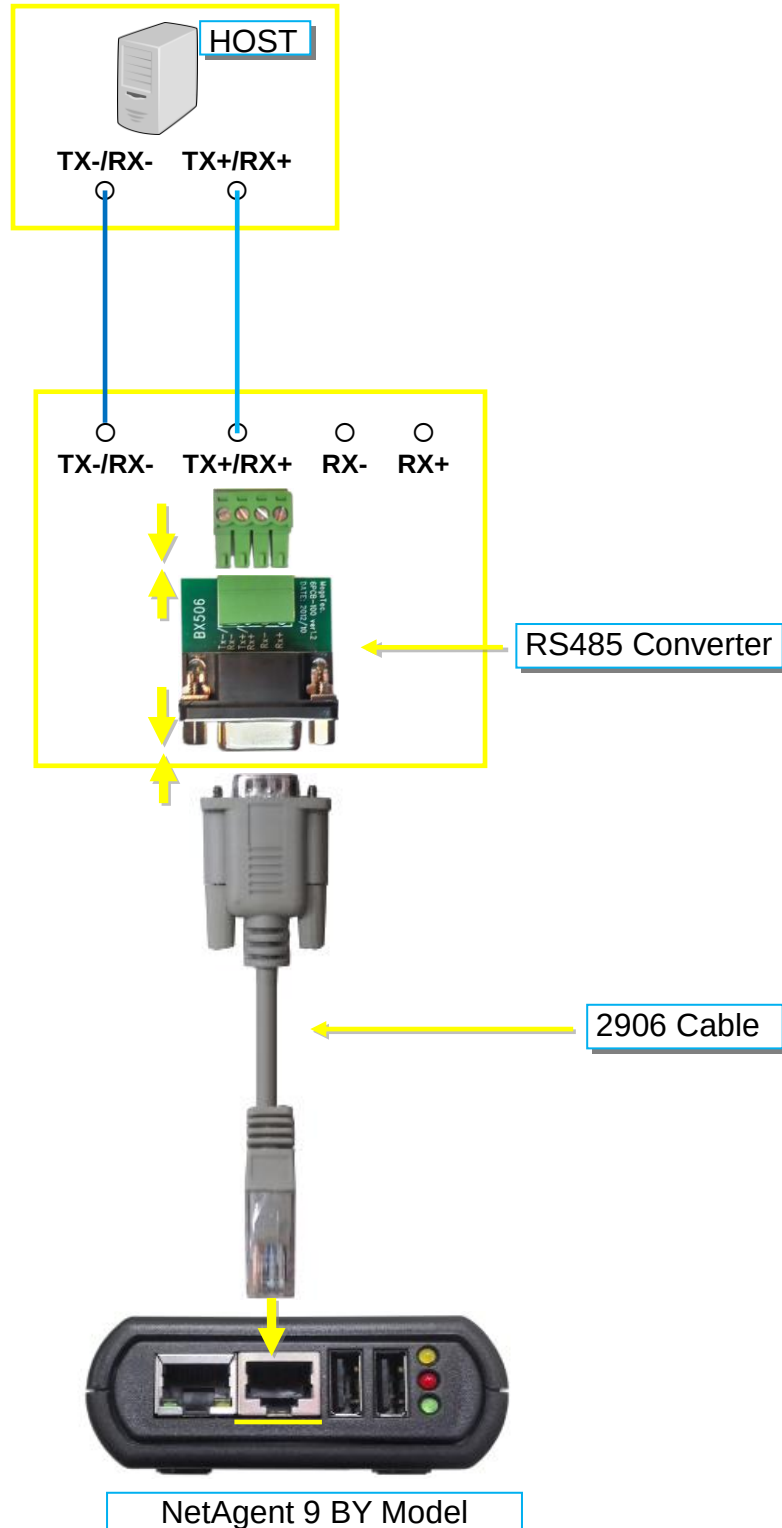
Clear Alarm Reset Alarm Help

■ Configuration > MODBUS

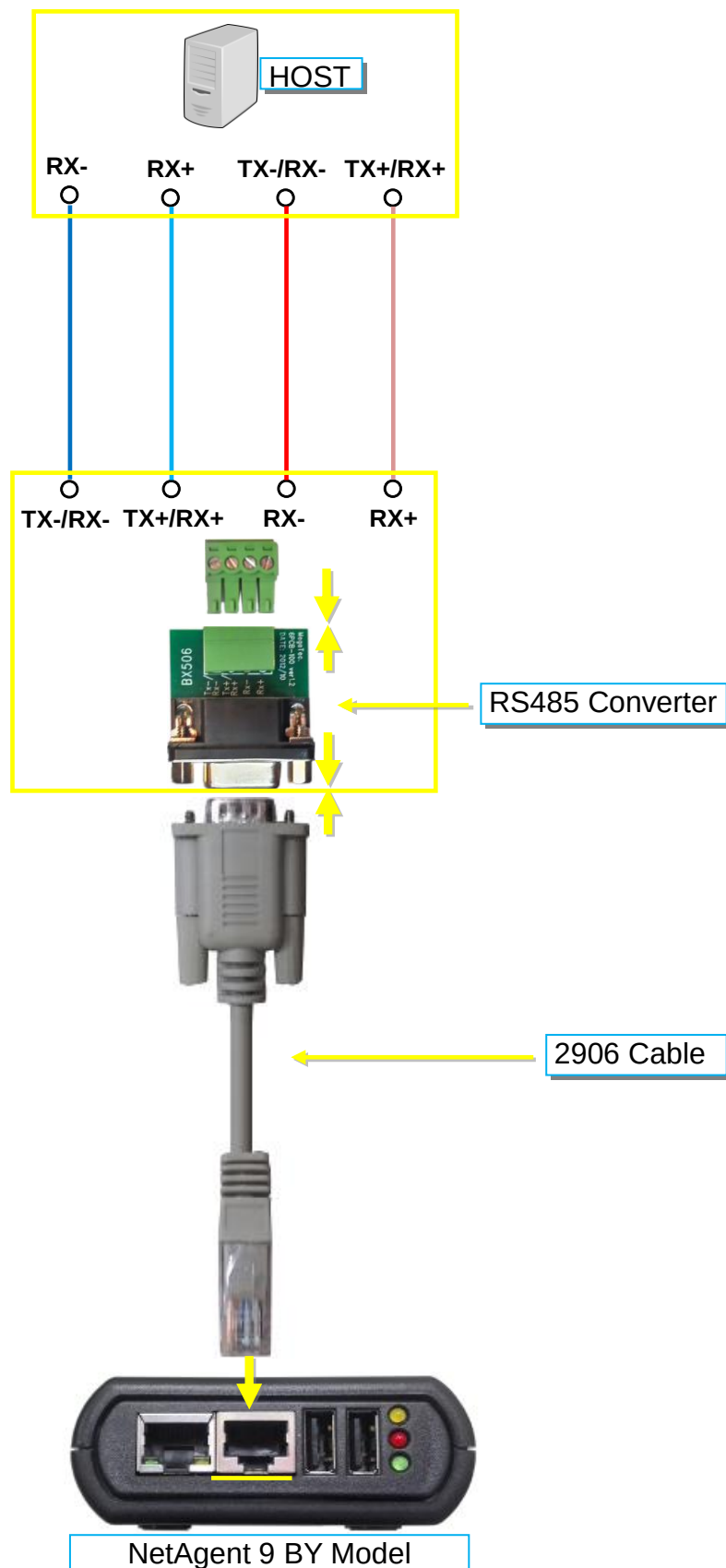
NetAgent supports Modbus on TCP/IP. And NetAgent 9 BY model also supports ModBus on RS485. Through Ethernet and serial communication, it may read multi UPS's data.

Connection illustration as below

□ RS485 2 lines connection(Half Duplex)



□ RS485 4 lines (Full Duplex)



Modbus on TCP

Modbus on TCP Device ID :

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

Modbus on RS485

Transmission Mode :

To select Modbus communication code RTU or ASCII

Device ID :

Enter device ID

Mode :

To select communicate mode of Full Duplex and Half Duplex

Baud Rate :

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

Data bits :

Data bits of 8 bits / 7 bits

Parity :

Parity of None/ odd /even

Stop bits :

Stop bits of 1 / 2

NetAgent 9

Configuration > Modbus

Modbus on TCP

Modbus on TCP Device ID: 1

Modbus on RS485

Transmission Mode: RTU

Device ID: 1

Mode: Full Duplex

Baud Rate: 9600

Data bits: 8

Parity: None

Stop bits: 1

Buttons: Apply, Reset, Help

■ Configuration > Language

This page is to set the language interface for NetAgent.

Interface Language

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

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

Email Preference

Select language preference when receive emails and SMS.

Languages supported by NetAgent

NetAgent 9

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

NetAgent II

EAST Version

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

WEST Version

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

NetAgent 9 Mini & NetAgent 9

The screenshot shows the 'Configuration > Language' page in the NetAgent 9 web interface. On the left is a sidebar with navigation links: Information, Configuration (selected), 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 content area is titled 'Configuration > Language'. It contains two sections: 'Interface Language' and 'Email Preferences'. The 'Interface Language' section has a list of languages with radio buttons: English (selected), Deutsch, Português, Español, Français, Italiano, Türkçe, 繁體中文, 簡體中文, 한글, 日本語, Русский, ไทย, and Polska. A yellow arrow points to the 'Apply' button at the bottom right. The 'Email Preferences' section has a dropdown menu for 'Use below interface language in Email and SMS notification' set to 'English'. The 'Apply' button is highlighted with a yellow box.

■ Log Information > Event Log

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

csv file name as below

NetAgent 9 → eventlog_year/month.csv , e.g.:eventlog_201706

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

NetAgent 9 Mini & NetAgent 9

Log Information > Event Log

Event Log

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

Date of Event: 2017/06

Buttons: Save, Clear..., Help

Annotations: "Check event by year/month" points to the date filter. "save.csv file" points to the Save button.

Log Information > Event Log

Event Log

- ☒ eventlog_201706.dat
- ☐ eventlog_201707.dat
- ☐ eventlog_201708.dat

Buttons: Select All, Clear All, Delete

Annotations: "1. Select dat. file to delete" points to eventlog_201706.dat. "2. Delete" points to the Delete button.

NetAgent Mini & NetAgent II

NetAgent

Event Log

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

Buttons: Clear all log, Save, Help

Annotations: "Clear all log" points to the Clear all log button. "save.csv file" points to the Save button.

■ Log Information > SMS Log

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

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

csv file as below

smslog_year/month.csv , e.g : smslog_201706.csv

NetAgent 9

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

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

save.csv file

NetAgent II 3PORTS

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

Clear Help

■ Log Information > Data Log

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

csv file name as below

NetAgent 9 → datalog_year/month.csv , e.g.:datalog_201706

NetAgent II → upsdata.cs

NetAgent 9 Mini & NetAgent 9
Page number

Information

Configuration

Log Information

Event Log

Data Log

Battery Test Log

Help

Log Information > Data Log

Data Log

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

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

NONE
 2017/06/24
 2017/06/25
 2017/06/26
 2017/06/27
 2017/07/27
 2017/08/27

Date of Datalog: 2017/06/25

Save Data Log
 Clear...
 Help

Check event by year/month

save csv.file

Log Information > Data Log

Data Log

☒ datalog_20170624.dat

☒ datalog_20170625.dat

☐ datalog_20170626.dat

☐ datalog_20170627.dat

☐ datalog_20170727.dat

☐ datalog_20170827.dat

1. Select dat. file to delete

2. Delete

Select All
Clear All
Delete

NetAgent Mini & NetAgent II

NetAgent

Data Log

Information

Configuration

Log Information

Event Log

Data Log

Battery Test Log

Help

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

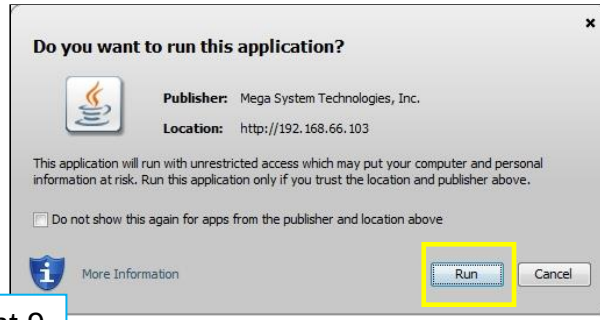
Clear

Save Data Log

Help

■ Log Information > Battery Test Log

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



NetAgent 9 Mini & NetAgent 9

Information

Configuration

Log Information

Event Log

Data Log

Battery Test Log

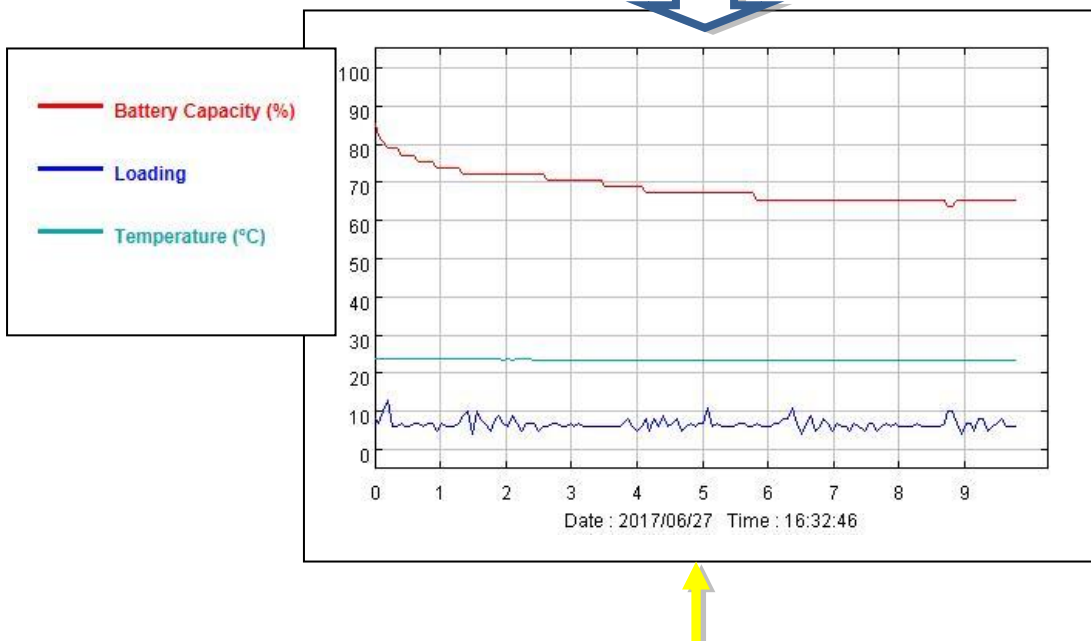
Help

Log Information > Battery Test Log

Battery Test Log

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

Refresh Help



Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

NetSwitch Status

Information > Remote Control

UPS Testing

☒ 10-Second Test

☐ Deep Battery Test for 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

Miscellaneous

UPS Testing

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

■ Help > Search NetAgent

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

NetAgent 9 Mini & NetAgent 9

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

NetAgent Mini & NetAgent II

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

■ Help > Serial Port Debug

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

Port Information

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

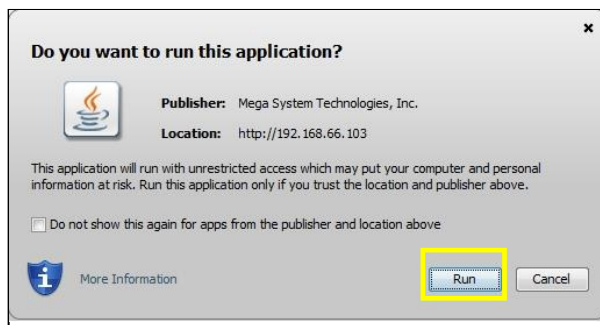
If Debug mode is set as manually, user may enter its parameter under Send Contents column.

Sent Information

This column shows the real time sent command

Received Information

This display the response that NetAgent receives from UPS



NetAgent 9 Mini & NetAgent 9



■ Help > Help

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

NetAgent 9 Mini & NetAgent 9

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

SMS Modem Status

Modem Basic Info.

NetSwitch Status

NetFeeler II

Configuration

Log Information

Help

System Information

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

Network Status

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

Wireless Status (Only with BX Models)

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

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

NetAgent Mini & NetAgent II

NetAgent Help

System Status

Information

System Status

Basic Information

Current Status

Remote Control

Meter/Chart

Modem Status

→ Modem Basic Information

NetSwitch Status

NetFeeler II

Configuration

Log Information

Help

System Information

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

Network Status

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

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

■ Help > About

About

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

Save/Restore Settings

Save Current Configuration

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

Restore previous configuration

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

Reset to factory default

This function will reset all settings to its default value.

NetAgent 9 Mini & NetAgent 9

Help > About

About | Firmware Update Settings

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

Save/Restore Settings

Save current configuration Save

Restore previous configuration Browse... Restore

Reset to factory default Reset

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

Firmware Update Settings

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

Help > About

About | Firmware Update Settings

FTP Server:

User:

Password:

Update Now >> Apply

Auto Update: Every At (Hour : Minute) Apply

Update Firmware from FTP Client: Apply

Firmware Update

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

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

NetAgent Mini & NetAgent II

The screenshot shows the NetAgent web interface. On the left is a navigation menu with links: Information, Configuration, Log Information, and Help (with sub-links: Search NetAgent, Serial Port Debug, Help, About). The main content area has a top bar with 'NetAgent' and 'About' links. Below this is an 'About' section showing Firmware Version (2.48.BT506.EAST), Hardware Version (HBT506), and Serial Number (3926404591). The 'Save/Restore Settings' section includes buttons for 'Save', 'Restore*' (with a file browser icon), and 'Reset'. The 'Firmware Update Settings' section is highlighted with a yellow box and contains a red warning: '*: This upload function could not be used in HTTPS mode.' It includes fields for 'FTP Server' (ftp.icv99.com), 'User' (netageast), and 'Password' (masked with dots). There are 'Update Now >>' and 'Apply' buttons. Below this is an 'Auto Update' section with a dropdown for 'Every' (set to NO) and a time field 'At 02:00' (Hour: Minute), with an 'Apply' button. A green box highlights the 'Update Firmware from FTP Client' section, which has a dropdown set to 'Enable' and an 'Apply*' button. Below this is a red warning: '*: System will reboot when these items have been Applied.' and a 'Firmware Update' button. In the bottom right corner, contact information for Mega System Technologies, Inc. is provided: Tel: +886-2-87922060, Fax: +886-2-87922066, E-mail: netagent@megatec.com.tw, and http://www.megatec.com.tw.

Update Firmware from FTP Client

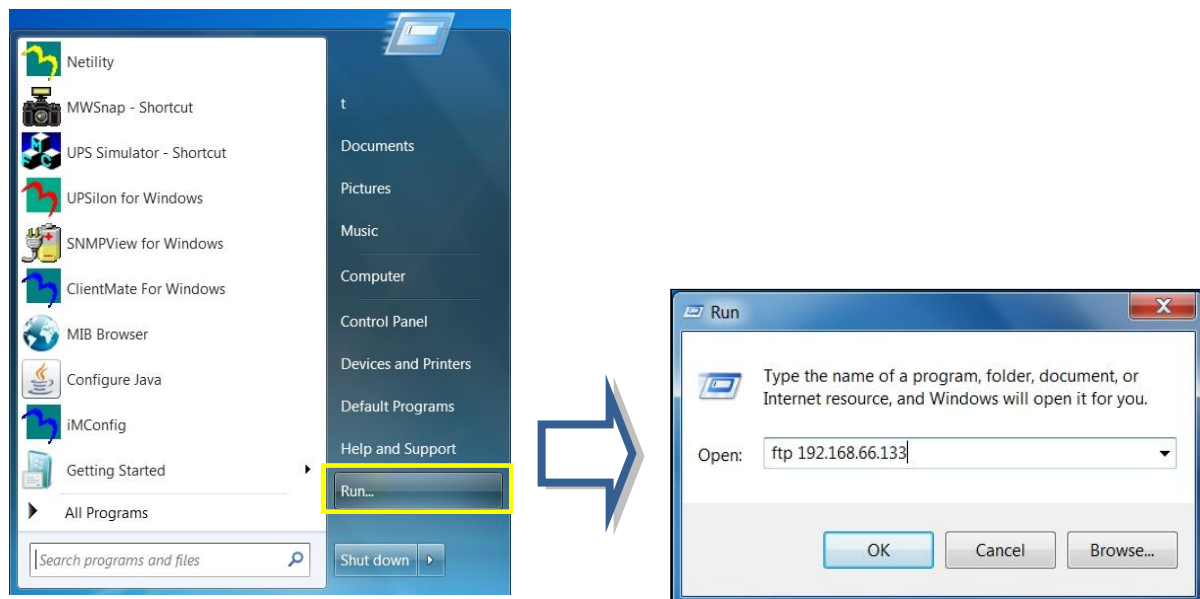
- Select on Enable
- Download the appropriate firmware version from website (<http://www.megatec.com.tw>)
- Unzip the file and known the directory path

The screenshot shows the 'NetAgent 9' firmware download page. It includes a sidebar with links: Software Downloads, Technical Support & FAQ, Online Ordering, and Shipment Tracking. The main content area has a header 'NetAgent 9' and a section 'NetAgent Firmware download procedure:' with three steps. Below this is a table of firmware versions. A red arrow points to the download link for model BY506.

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

Warning: BX unit with 3.1 BX506 MUST

-Execute ftp + NetAgent's IP address



-FTP login

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

1. Enter username/password that configured on Netility

2. Enter command ls to show available firmware bin file

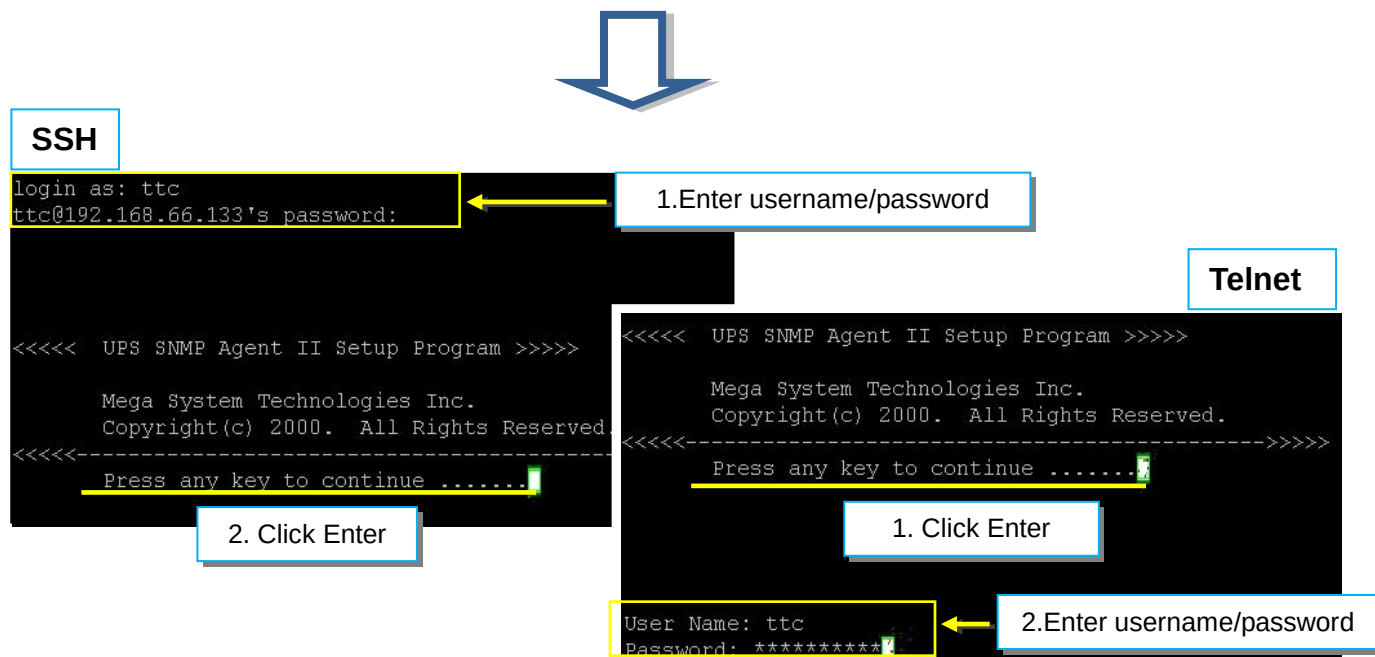
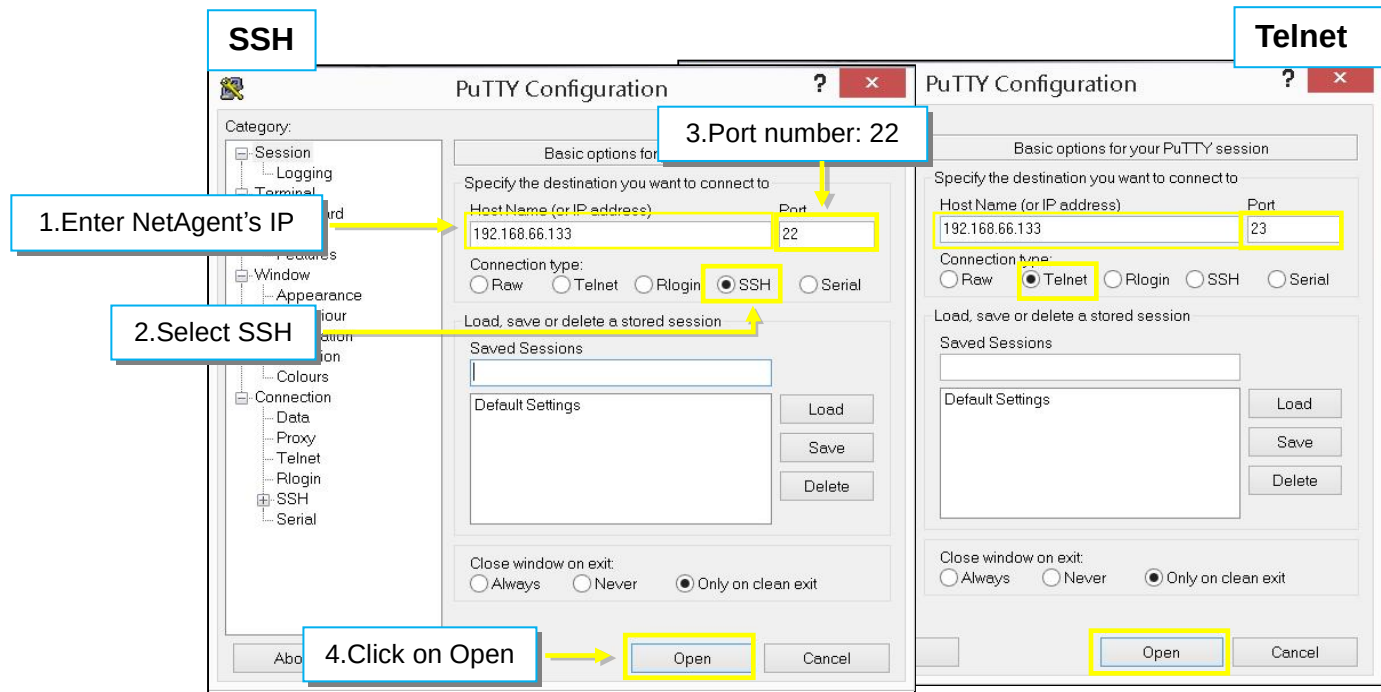
3. Enter put command with bin file directory

4. Once complete, enter command quit

Chapter 5. Telnet/ SSH

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

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



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

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

Select => 1  ← Select
```

1.Set IP Address :

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

2.Set SNMP MIB System :

To set the MIB system group parameters.

3.Set SNMP Access Control :

To set the Manager IP, Community, Access Permission.

4.Set SNMP Trap Notification :

To set Trap notification

5.Set UPS Properties :

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

6.Set UPS Device Connect :

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

7.Set System Time & Time Server :

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

8.Set Web and Telnet user Account :

This is allows to set users account's authority.

9.Set E-mail :

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

a.Reset configuration to Default & Reboot :

Set all values to their default settings.

b.Set Environment Group :

To set critical value for environmental sensor

c.Save & Reboot :

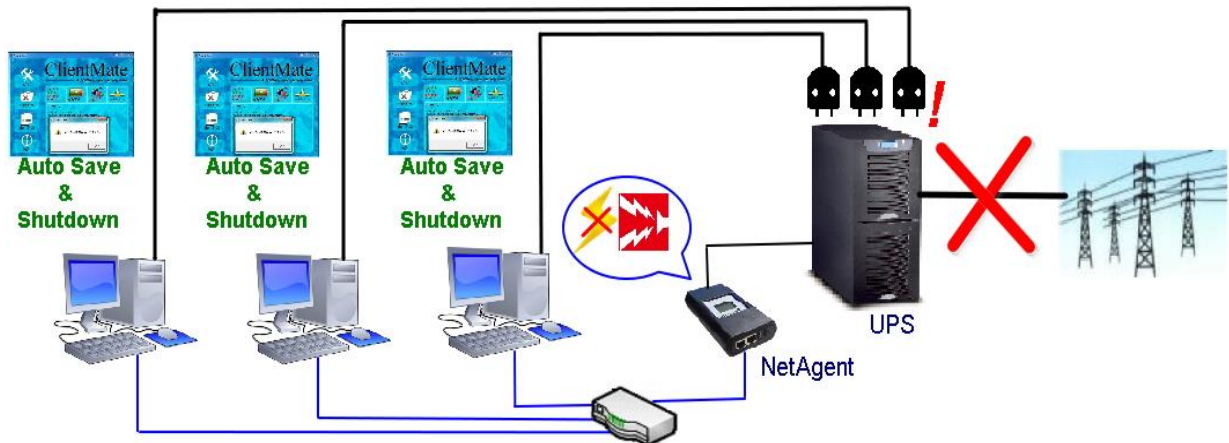
Save the current configuration data, including any changes you have made, and reboot the Net Agent.

0.Exit Without Saving :

Exit, all configuration changes will be lost

Chapter 6. ClientMate

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



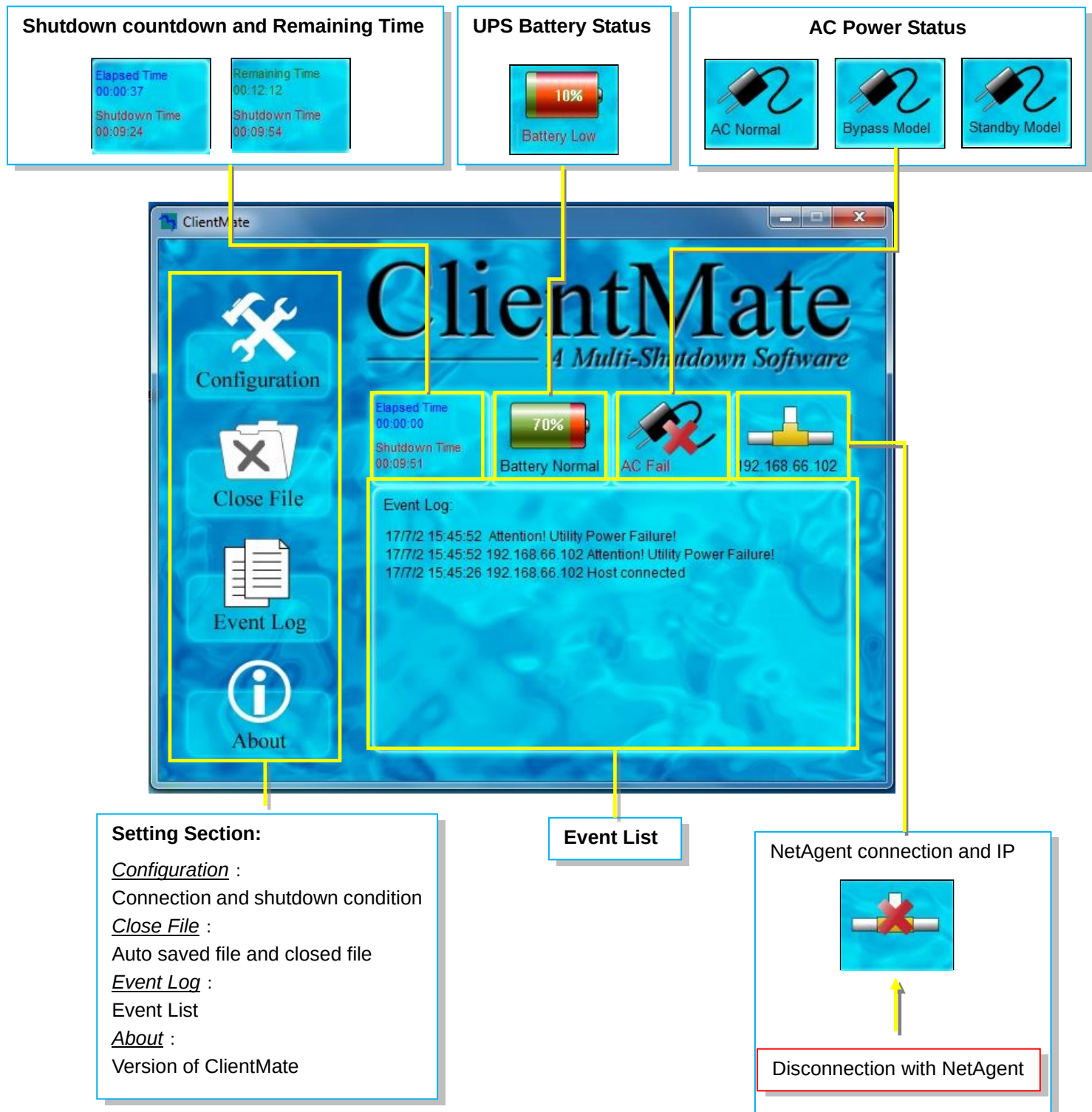
Installation and setup

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

All Program > NetAgent > ClientMate > ClientMate for Windows



Operation Interface



Configuration

ClientMate
A Multi-Shutdown Software

Configuration

Close File

Event Log

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

Configure

General | Power Failure | Schedule Shutdown

Host Connection

Host address	SNMP Port	Connection Type

Click Add to add NetAgent device

Add Modify Remove

Security Level: Medium

Warning Messages

☐ Broadcast Warning Messages (On Server platform)

☒ Popup Warning Message

Configuration Password

Password:

Confirmed Password:

(N) = NetAgent
(S) = UPSilon PC

OK Cancel

Add

Host Connection

☒ SNMP V1/V2

User Name:

Password:

☐ SNMP V3

Authenticate: MD5

Privacy: DES

☐ UPSilon/RUPS

Host: 192.168.66.102

SNMP port: 161

Community: public

Query...

Cancel

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

Connection Query

Available List:

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

Refresh Connect Cancel

Configure

General | Power Failure | Schedule Shutdown

Host Connection

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

Add Modify Remove

Security Level: Medium

Warning Messages

☐ Broadcast Warning Messages (On Server platform)

☒ Popup Warning Message

Configuration Password

Password:

Confirmed Password:

OK Cancel

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

If to have pop warning message

If password is required for any configuration change

Power Failure/Shutdown Condition

Configure

General | Power Failure | Schedule Shutdown

System Shutdown

☐ Use Windows ACPI Interface ACPI >>

☒ ClientMate shutdown Windows by Hibernation

When AC failed, commence computer shutdown sequence in 10 Min.

When Battery Low, commence computer shutdown sequence in 1 Min.

Commence computer shutdown when Battery Capacity lower than 10 %

Additional Actions

☐ Auto save application opened files

☐ Run application before shutdown computer

Browse...

Maximum execution time: 15 Min.

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

Turn-off Delay Time: 120 Sec.

Shutdown by Scheduling

Configure

General | Power Failure | Schedule Shutdown

Schedule Shutdown

Shutdown Windows by Hibernation

Notify Scheduled Shutdown before 10 Min.

Commence system shutdown before 3 Min.

Additional Actions

☐ Auto save application opened files

☐ Run application before shutdown computer

Browse...

Maximum execution time: 3 Min.

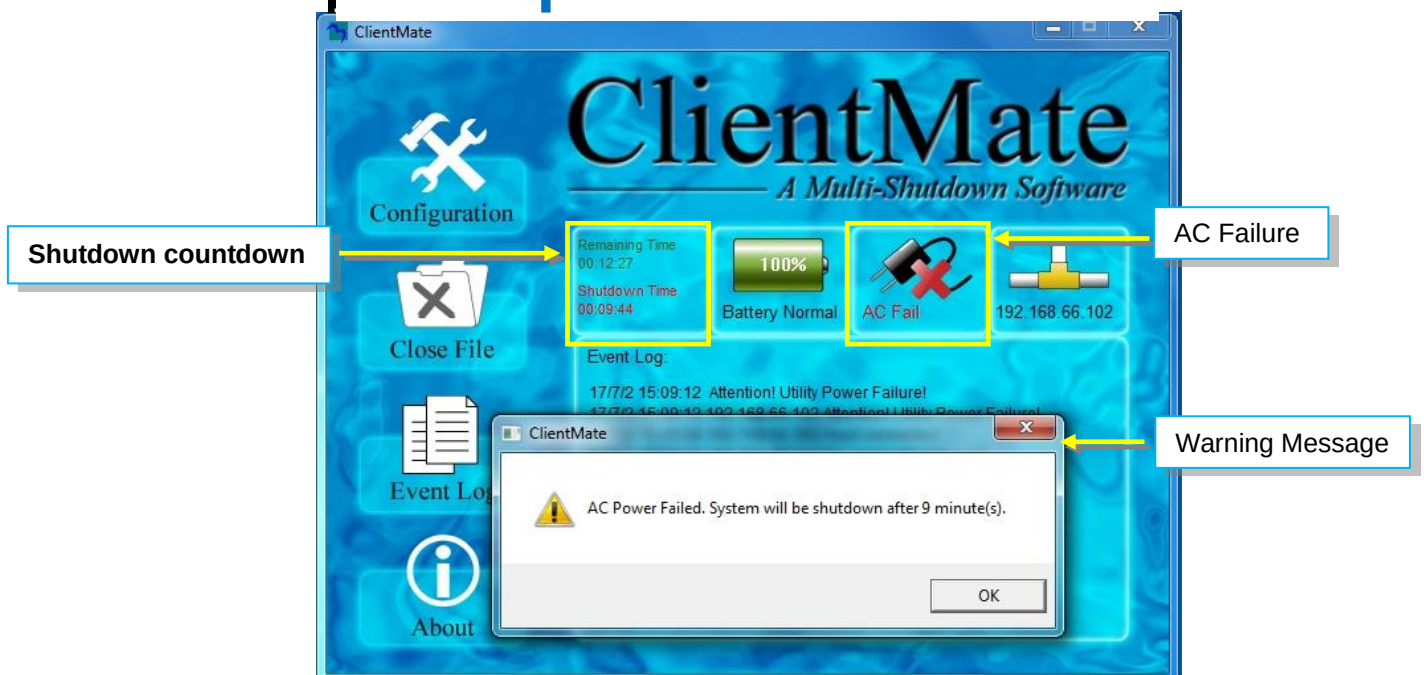
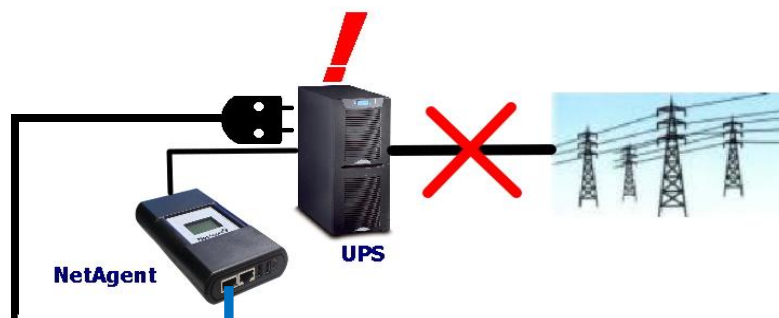
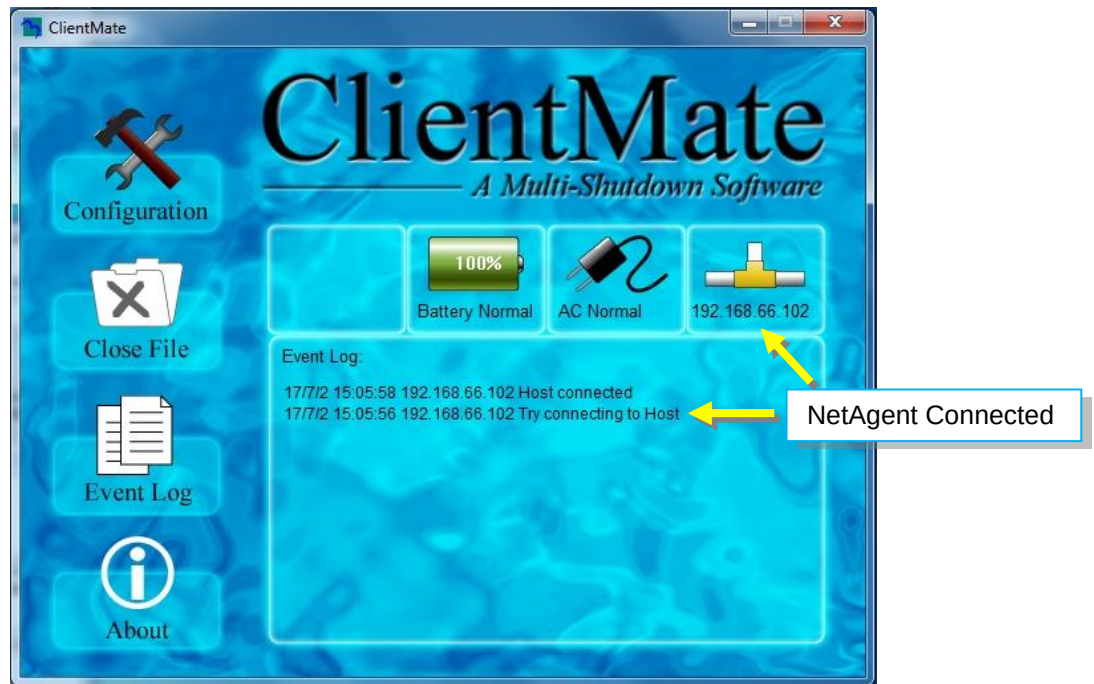
OK Cancel

Auto save opened file

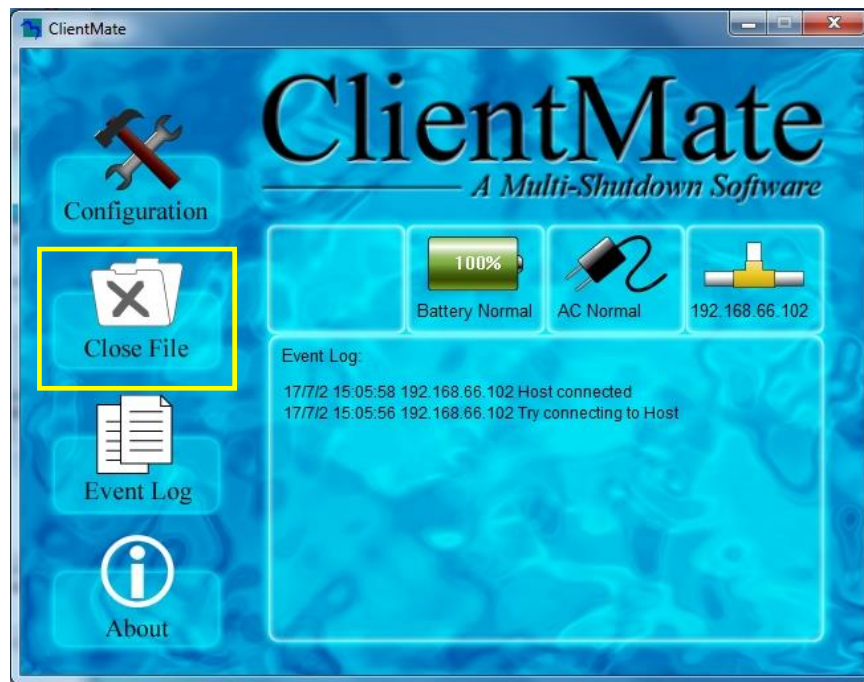
To execute any application file such as .bat before shutdown

To turn off UPS after shutdown

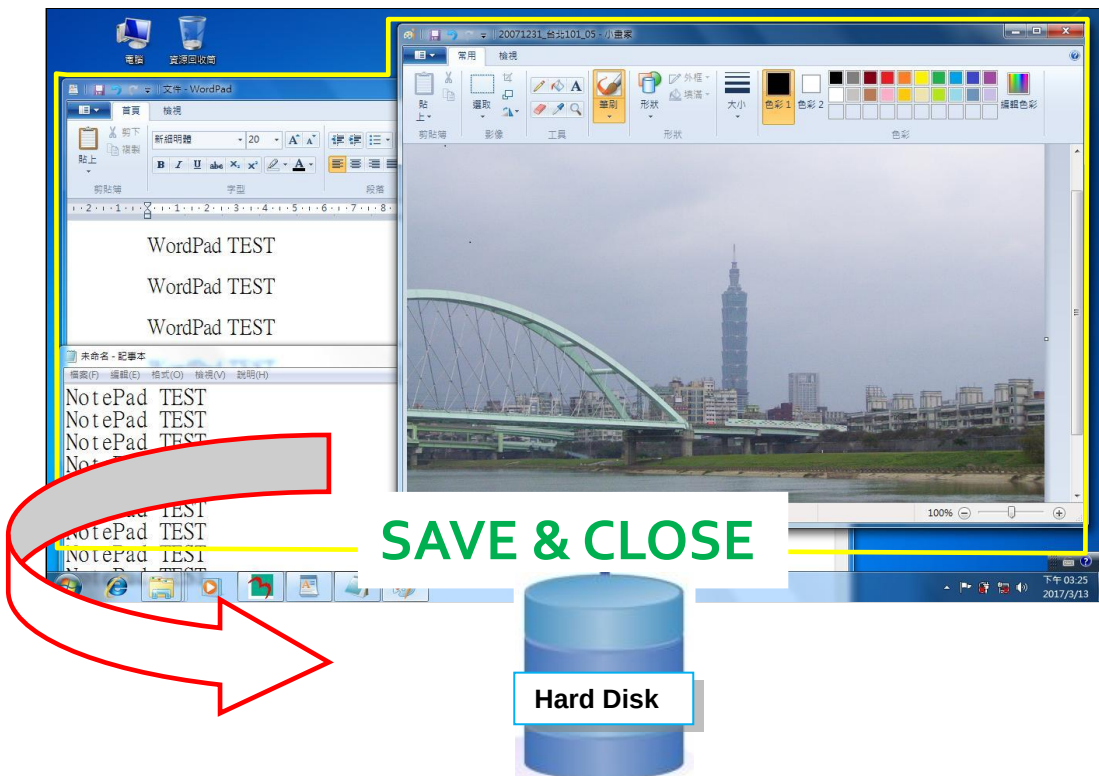
- Shutdown by ClientMate or ACPI
- To shut down by ClientMate, it can be select to be shut down or hibernation

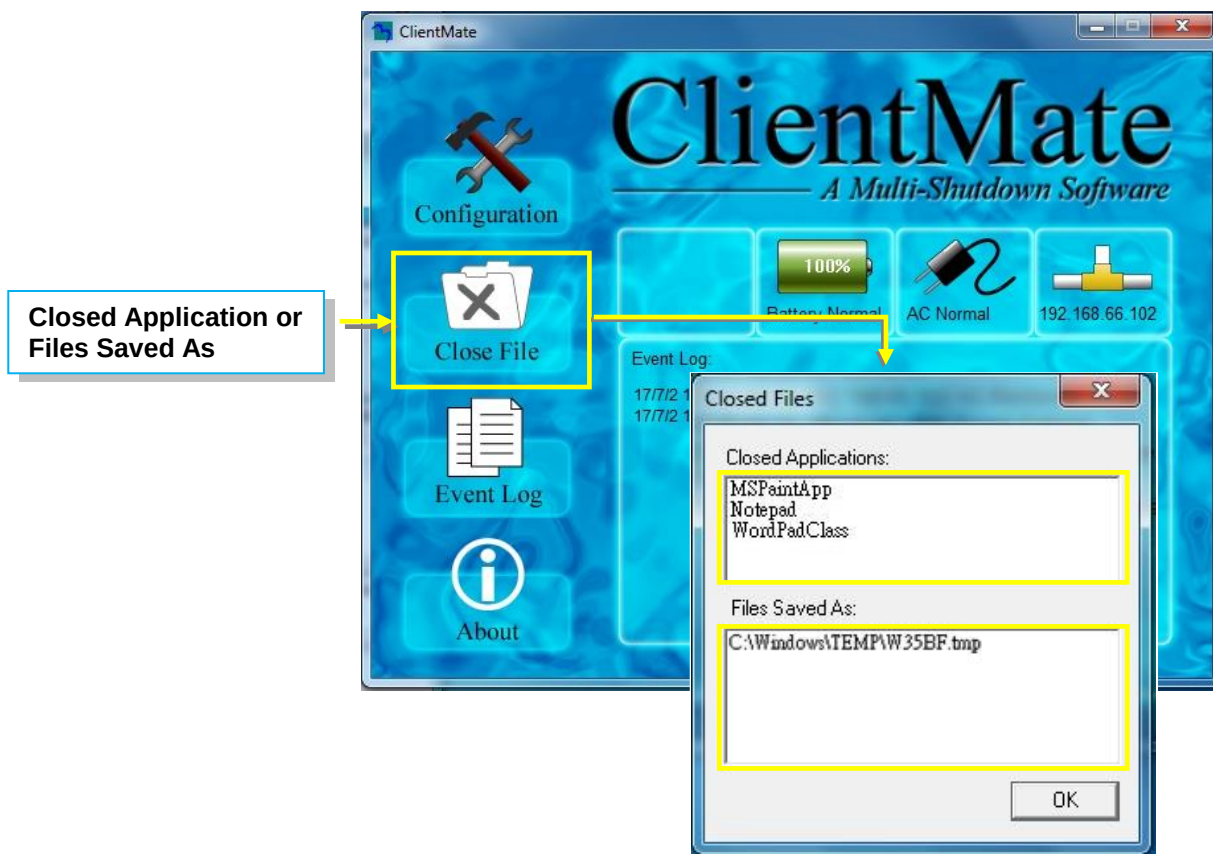


Close File

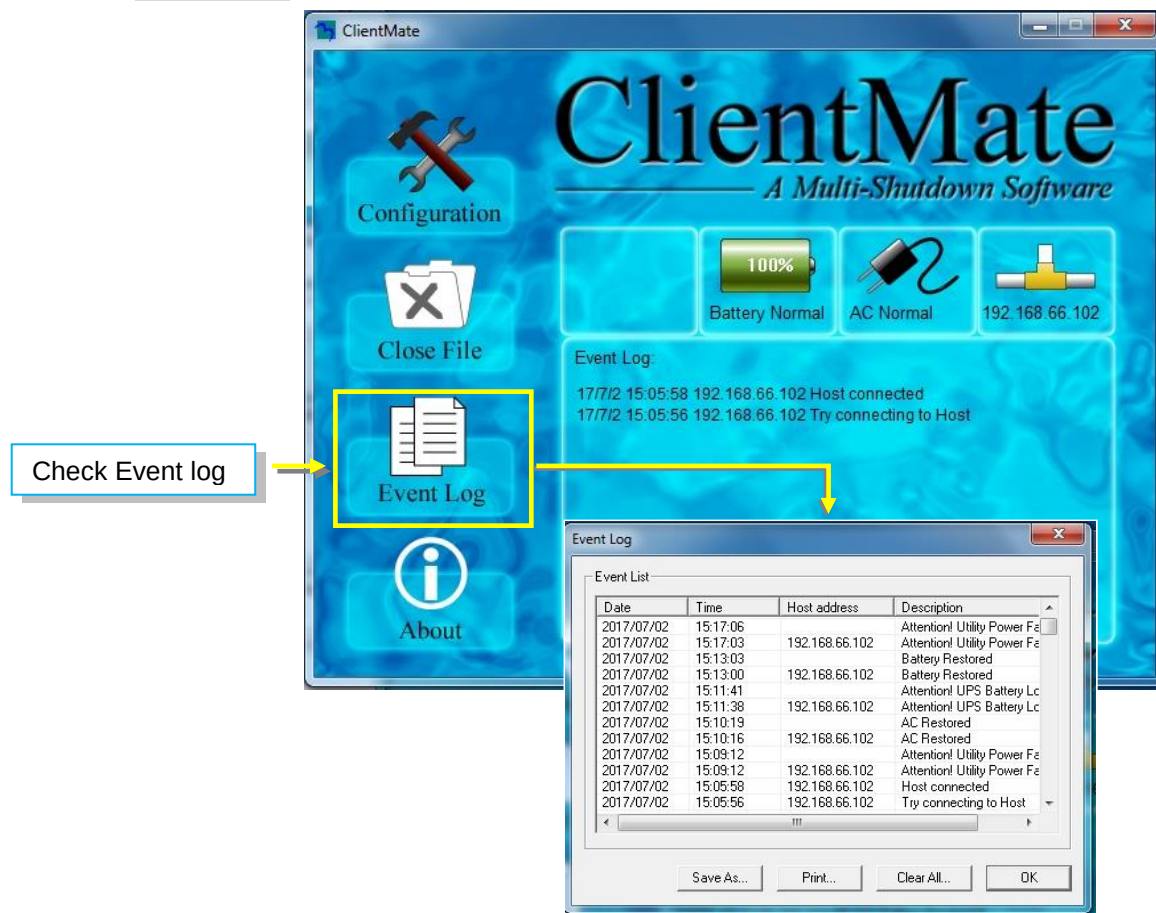


If select to auto save file before shutdown, ClientMate will save the file and file can be check from Closed File

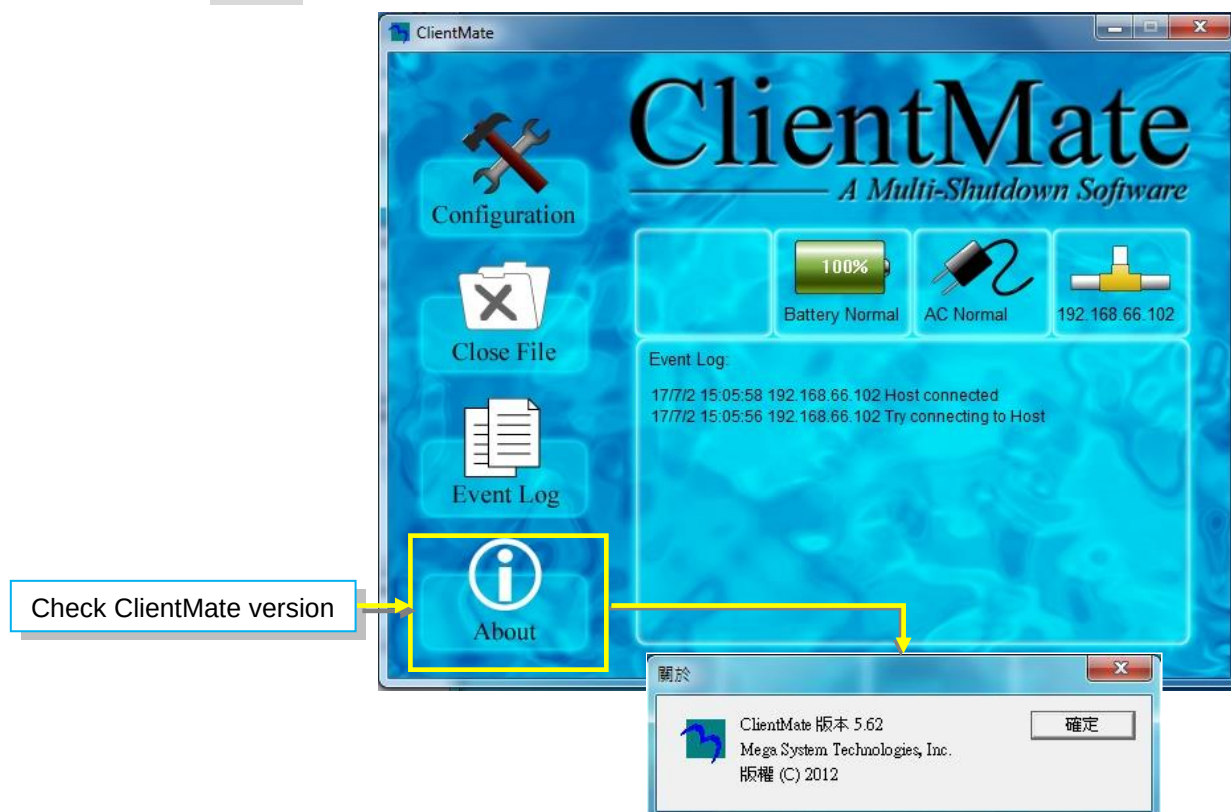




Event Log



About



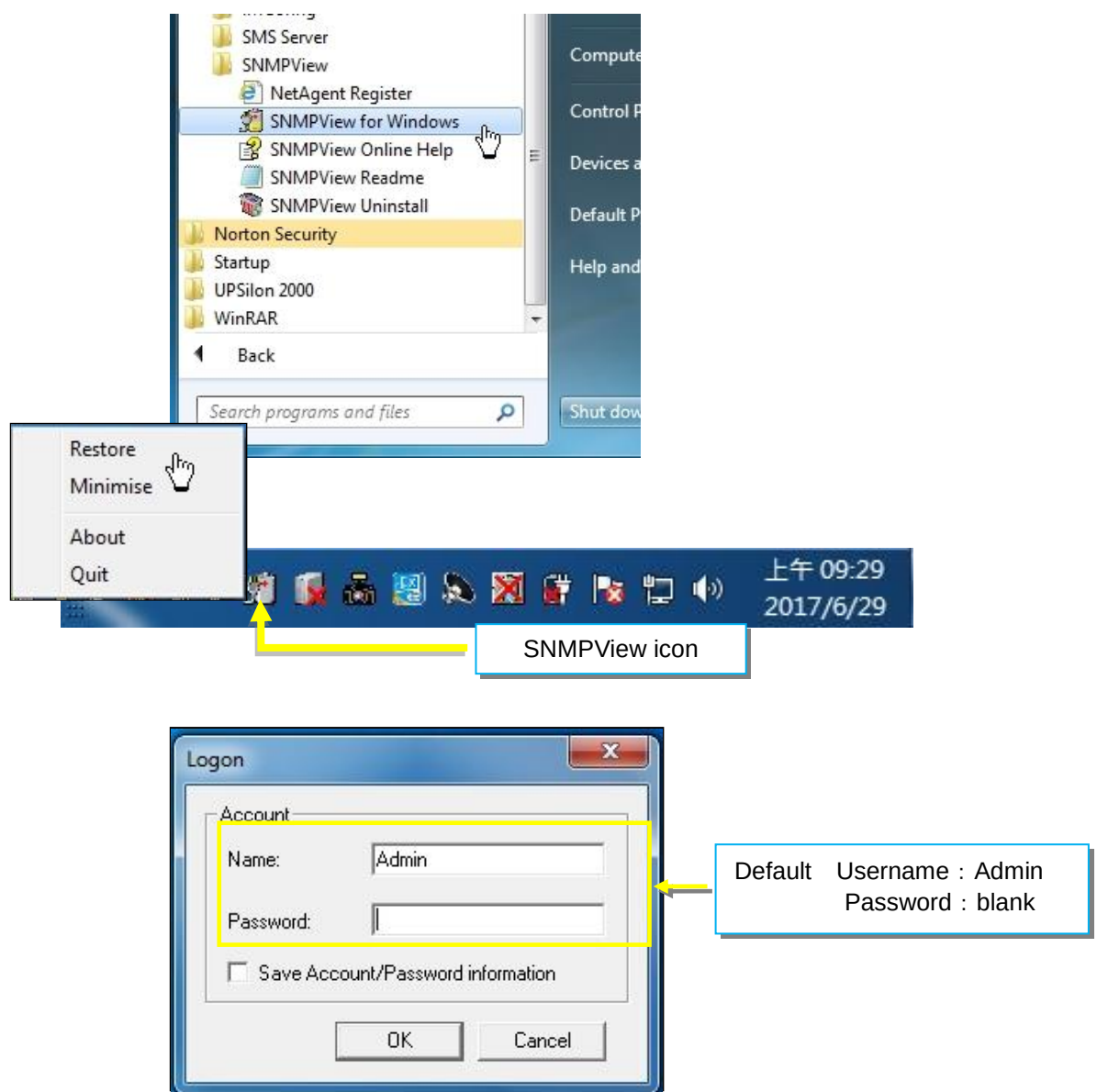
Chapter 7. SNMP View

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

Installation and setup

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

All Programs > NetAgent > SNMPView > SNMP for Windows



Operation Interface

Setting Section

Group	UPS	Host Name	Location	Output Status	Connection Status	Temperature	Loading	Output Volta...	Capacity	AC Status	Battery Status	NetFeeler II	Manager
NetAgent 2F Control room 3F IDC 6F IDC NetProbe	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

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

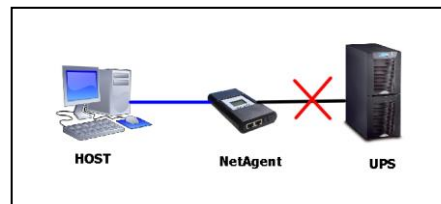
NetAgent Info

UPS connection status and information

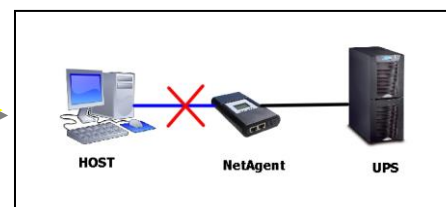
NetFeeler Status

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

Disconnection between NetAgent and UPS



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



Setting Tab/Device

Device		
Enumerate	F5	Auto search Online NetAgent
Add Group...	F6	Add NetAgent into Group
Add UPS...	Ins	Add NetAgent
Delete...	Del	Delete NetAgent
Browse...		Browse NetAgent
Export Configurations...		Export NetAgent Configuration
Import Configurations...		Import NetAgent Configuration
Open archive Event Log...		Open NetAgent SnmpElog.dat
Open archive Data Log...		Open NetAgent SnmpDlog.dat
Quit		

Data Log

UPS Data | Environment Data

UPS	Host Name	Startup Time	Input Vo.	Output	Battery	Capacity	Loading	Temper.
192.168.0.132	BT506 Smart	2017/6/28 17:17	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.148	UPS Agent S...	2017/6/28 17:17	104.1	110.0	2.1	100.0	33.0	31.2
192.168.0.31	BT506 Smart	2017/6/28 17:17	108.3	109.7	2.2	100.0	5.0	22.0
192.168.0.32	NETPROBE N...	2017/6/28 17:17	23.77/60	0.00/50	0/80H/L	0.00/0	0.00/0	0.00/0
192.168.0.30	NetProbe Mini...	2017/6/28 17:17	Mini	25.47/61	10.00/1	10/100	0.00/0	0.00/0
192.168.0.29	DY520 Smart	2017/6/28 17:17	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.198	BT506 Smart	2017/6/28 17:17	208.4	208.6	2.0	63.0	34.0	35.0
192.168.0.175	BT506 Smart	2017/6/28 17:17	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.223	UPS Agent S...	2017/6/28 17:17	208.4	208.4	21.5	100.0	10.0	35.0
192.168.0.212	BT506 Smart	2017/6/28 17:17	109.3	109.3	2.3	100.0	34.0	31.5
192.168.0.211	NETPROBE N...	2017/6/28 17:17	23.36/59	0.00/50	0/80H/L	0.00/0	0.00/0	0.00/0
192.168.0.115	NetProbe Mini...	2017/6/28 17:17	Mini	25.00/61	10.00/1	10/100	0.00/0	0.00/0
192.168.0.140	BT506 Smart	2017/6/28 17:17	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.115	BT506 Smart	2017/6/28 17:17	208.4	208.6	2.0	63.0	34.0	35.0
192.168.0.148	UPS Agent S...	2017/6/28 17:17	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.30	BT506 Smart	2017/6/28 17:17	208.4	208.4	21.5	100.0	10.0	35.0
192.168.0.115	UPS Agent S...	2017/6/28 17:17	104.4	110.0	2.1	100.0	34.0	31.2
192.168.0.115	BT506 Smart	2017/6/28 17:17	109.0	109.6	2.2	100.0	6.0	22.3
192.168.0.211	NETPROBE N...	2017/6/28 17:17	23.36/61	0.00/50	0/80H/L	0.00/0	0.00/0	0.00/0
192.168.0.220	NetProbe Mini...	2017/6/28 17:17	Mini	26.00/62	10.00/1	10/100	0.00/0	0.00/0

Save As... Print... Clear All

OK Cancel

Event Log

Record List

UPS	Date	Time	Description
192.168.0.132	2017/4/19	19:51:13	NetAgent is not able to connect to UPS.
192.168.0.148	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.31	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.32	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.30	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.29	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.198	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.175	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.223	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.211	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.34	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.115	2017/4/19	19:51:15	NetAgent is not able to connect to UPS.
192.168.0.212	2017/4/19	19:51:25	NetAgent is not able to connect to UPS.
192.168.0.140	2017/4/19	19:54:9	Unable to access the device by network.
192.168.0.148	2017/4/19	19:54:57	Restore the communication with the UPS.
192.168.0.30	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.115	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.211	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.175	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.
192.168.0.220	2017/4/19	20:1:45	NetAgent is not able to connect to UPS.

Save As... Print... Clear All

OK

Add UPS

UPS Information

IP address(Domain): 192.168.66.101

Community: public

Trap community: public

SNMP port: 161

☐ Add subsequent 1 devices

☐ This UPS is a 3-Phase UPS

OK Cancel

Add UPS Group

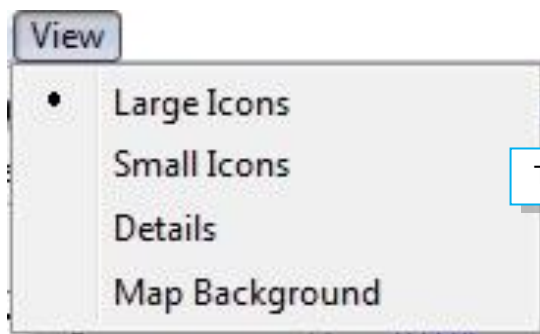
UPS Group

Group name: 2F Control room

☒ Enable Background Map

D:\controlroom_map.bmp Browse...

OK Cancel



To view NetAgent with different mode



Group x

- NetAgent
 - 2F Control room
 - 3F IDC
 - 6F IDC
- NetProbe

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

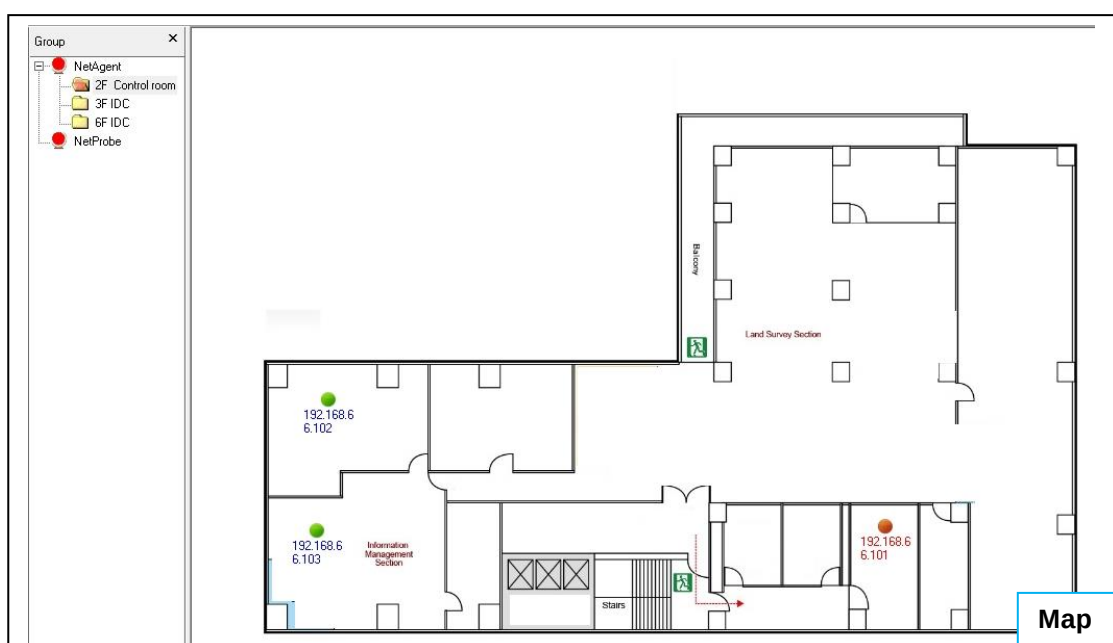
Small Icon

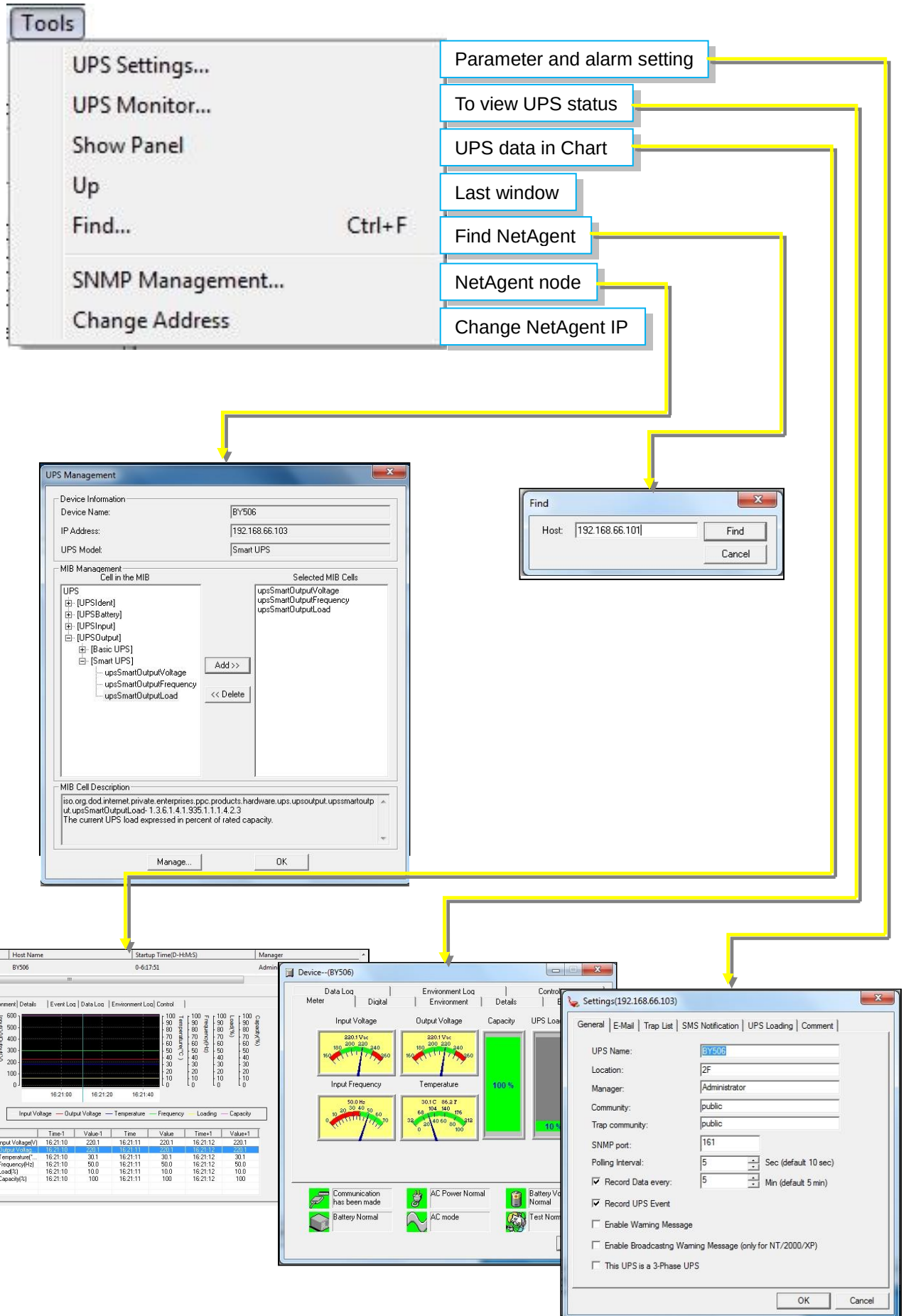
Group x

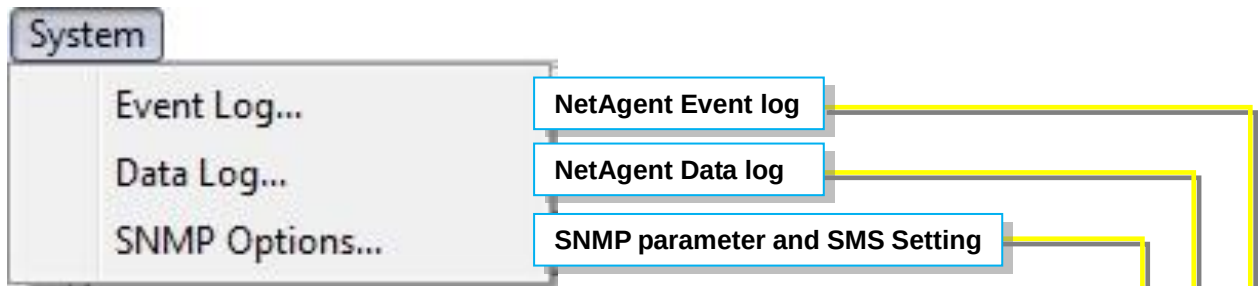
- NetAgent
 - 2F Control room
 - 3F IDC
 - 6F IDC
- NetProbe

UPS	Host Name	Location	Output Status	Connection Status	Temperature	Loading	Output Volta...	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	Administrato...
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

Detail







Options

SNMP Options | System sound | SMS Settings | General

Community: public

Default Polling Interval: 5 Secs

UPS SNMP Port: 161

SNMP Trap Port: 162

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

OK Cancel

Data Log

UPS Data | Environment Data

UPS	Host Name	Startup Time	Input Vo...	Output ...	Battery ...	Capacity	Loading	Temper...
192.168.0.132	BT506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.148	UPQ Agent S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168.0.31	UPS Agent S...	2017/6/28 17...	104.1	110.0	2.1	100.0	33.0	31.2
192.168.0.32	BY506-Smart...	2017/6/28 17...	108.3	109.7	2.2	100.0	5.0	22.0
192.168.0.30	NETPROBE.N...	2017/6/28 17...		23.77/60	0.00/50...	0/80Hu...	0.00/0...	0.00/0...
192.168.0.29	NetProbe Mini...	2017/6/28 17...	Mini	25.47/61	10.00/1...	10/100...	0.00/0...	0.00/0...
192.168.0.198	DY520-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.175	(none).Smart...	2017/6/28 17...	208.4	208.6	2.0	83.0	34.0	35.0
192.168.0.229	BT506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.211	UPQ Agent S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168.0.34	BY506-Smart...	2017/6/28 17...	109.3	109.8	2.2	100.0	10.0	22.0
192.168.0.115	NETPROBE.N...	2017/6/28 17...		23.36/59	0.00/50...	0/80Hu...	0.00/0...	0.00/0...
192.168.0.212	NetProbe Mini...	2017/6/28 17...	Mini	25.00/61	10.00/1...	10/100...	0.00/0...	0.00/0...
192.168.0.148	DY520-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.115	(none).Smart...	2017/6/28 17...	208.4	208.6	2.0	83.0	34.0	35.0
192.168.0.175	BT506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168.0.229	UPQ Agent S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168.0.211	UPS Agent S...	2017/6/28 17...	104.4	110.0	2.1	100.0	34.0	31.2
192.168.0.198	BY506-Smart...	2017/6/28 17...	109.0	109.6	2.2	100.0	6.0	22.3
192.168.0.175	NETPROBE.N...	2017/6/28 17...		23.36/61	0.00/50...	0/80Hu...	0.00/0...	0.00/0...
192.168.0.229	NetProbe Mini...	2017/6/28 17...	Mini	25.00/61	10.00/1...	10/100...	0.00/0...	0.00/0...

Save As Print Clear All

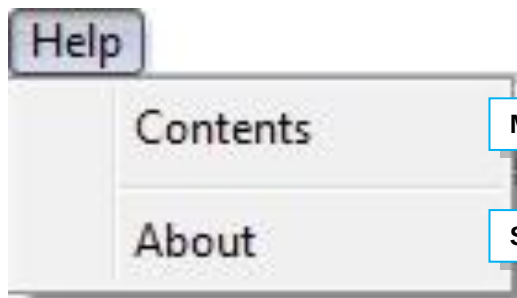
OK Cancel

Event Log

Record List

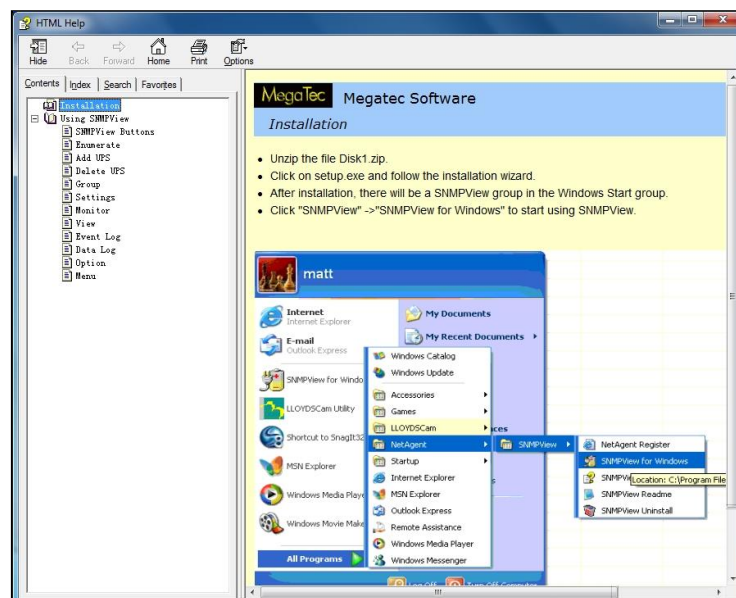
UPS	Date	Time	Description
192.168.0.132	2017/4/19	19:51:13	NetAgent is not able to connect to UPS.
192.168.0.148	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.31	2017/4/19	19:51:14	NetAgent is not able to connect to UPS.
192.168.0.32	2017/4/19	19:51:14	NetAgent is not able to connect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

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



Menu Description

SNMPView Version and info



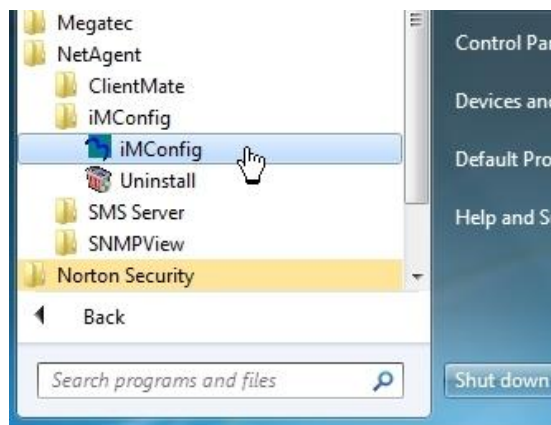
Chapter 8. iMConfig

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

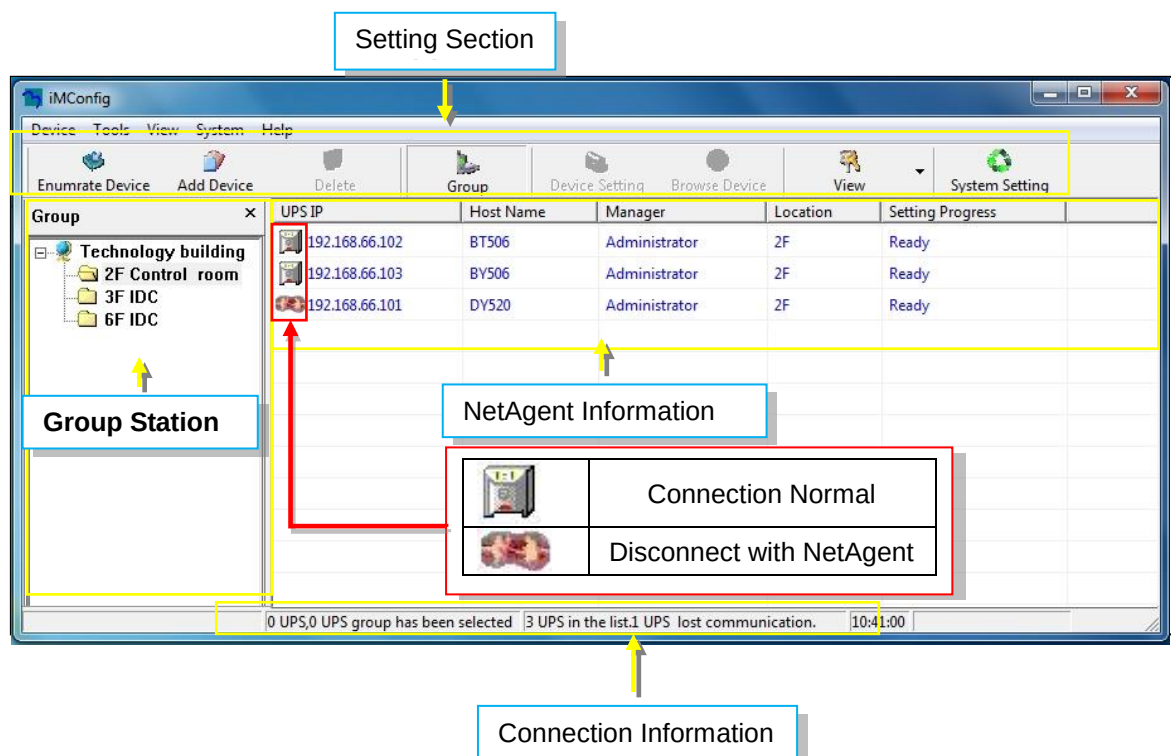
Installation and setup

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

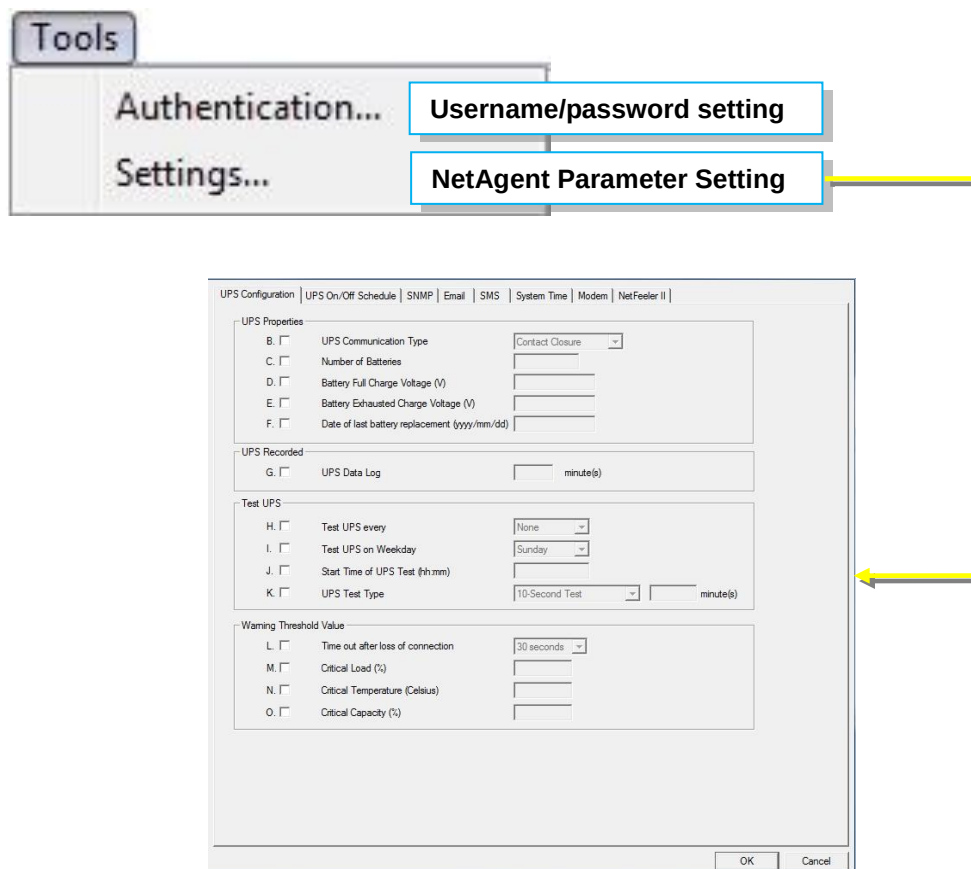
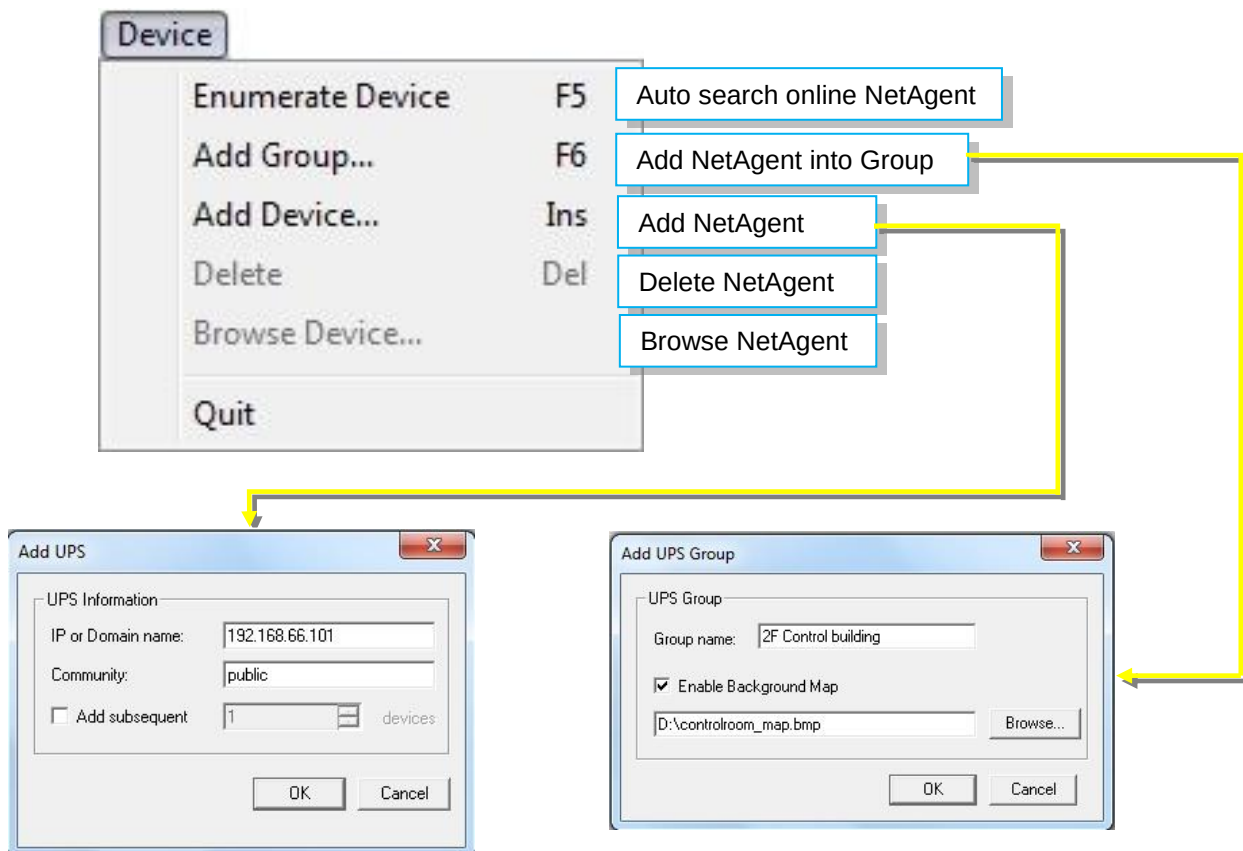
All Programs > NetAgent> iMConfig

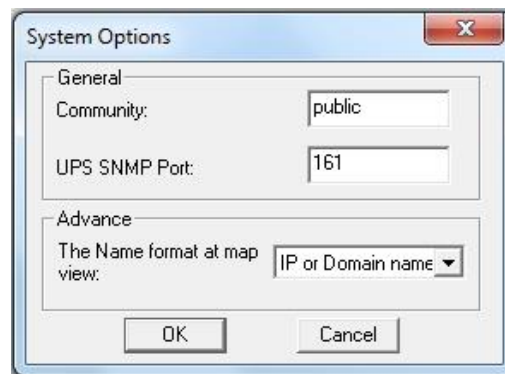


Operation Interface



Setting Tab

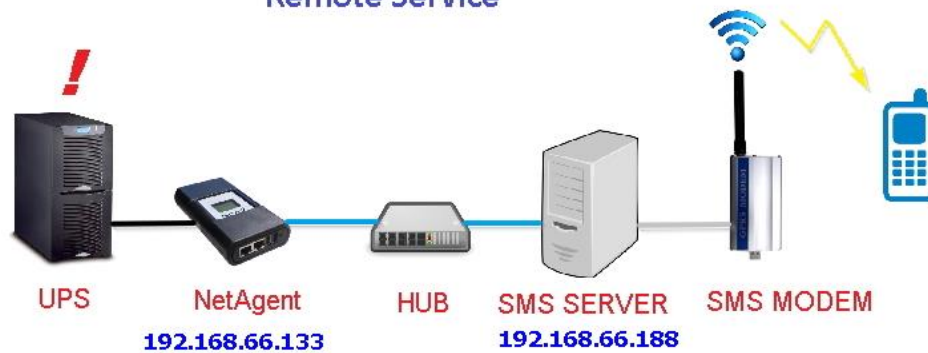




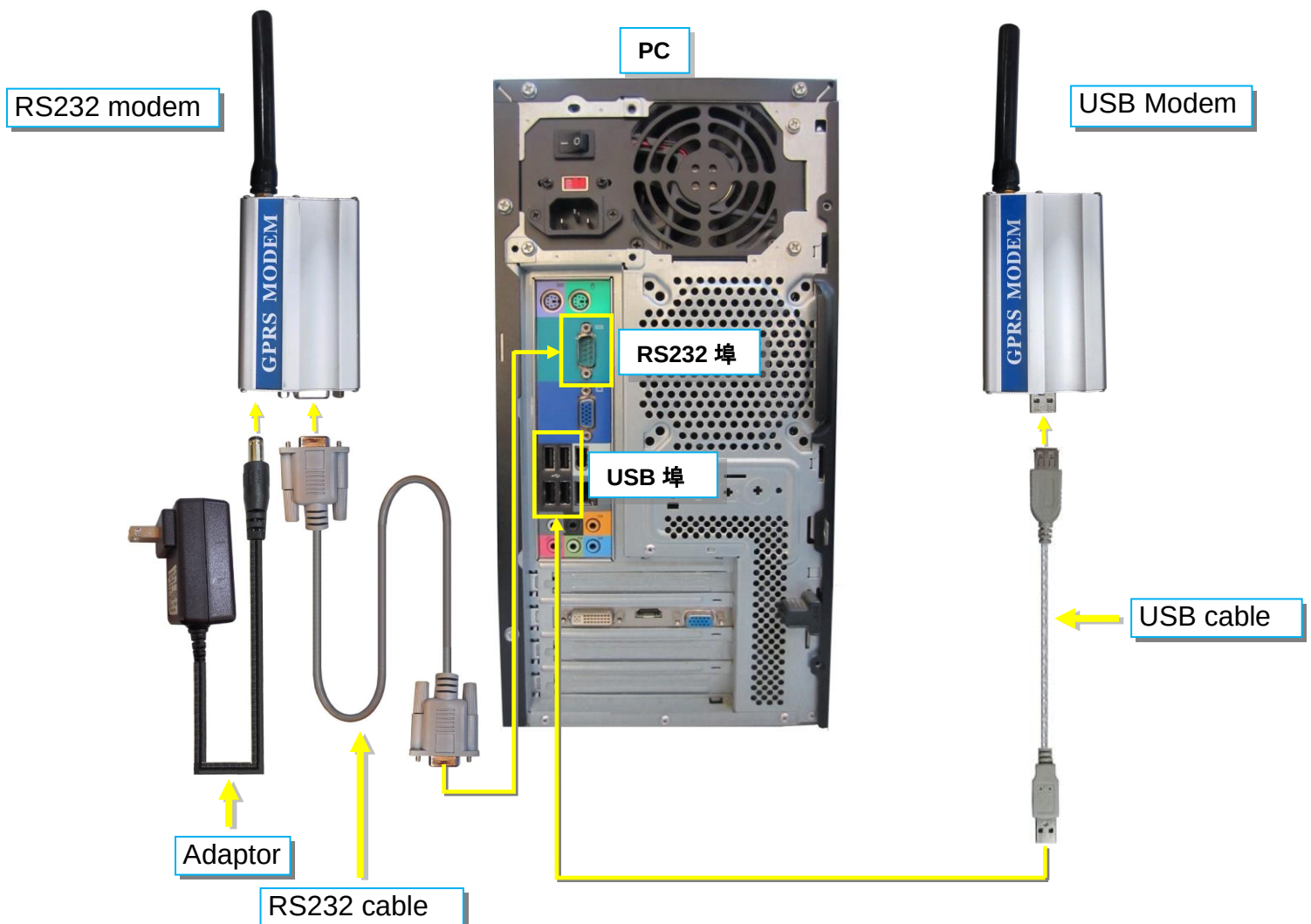
Chapter 9. SMS Server Software

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

Remote Service



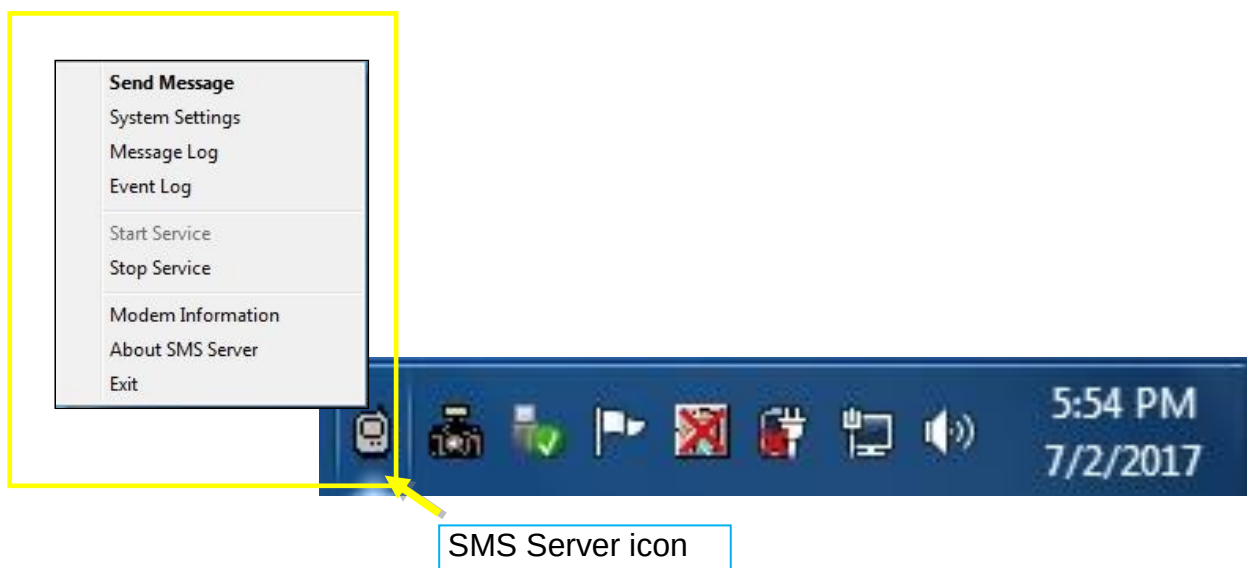
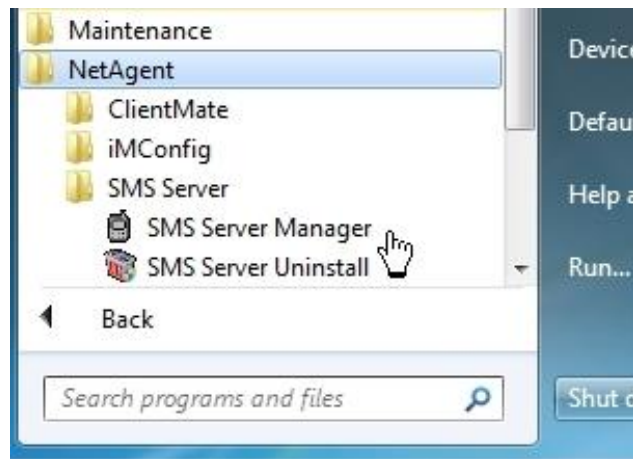
Modem Installation



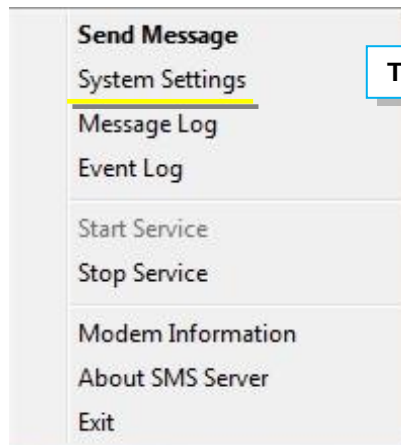
SMS Server Software Installation

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

All Programs > NetAgent>SMS Server>SMS Server Manager



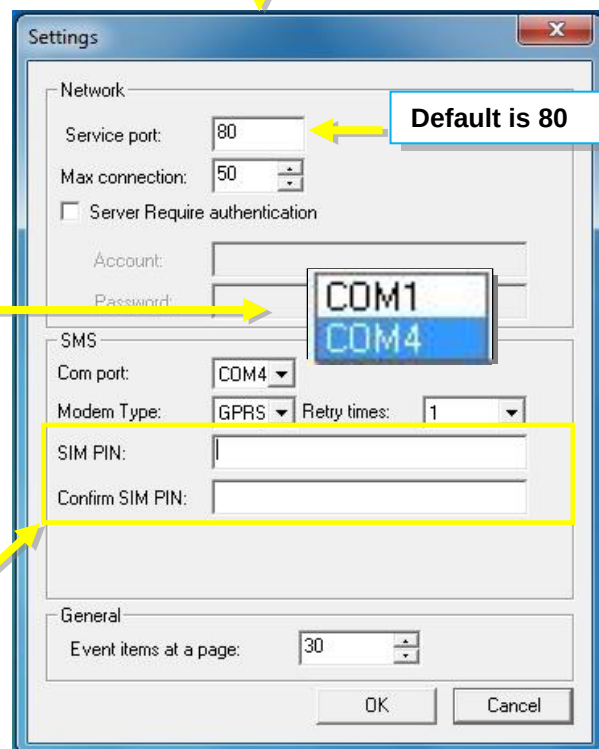
Settings

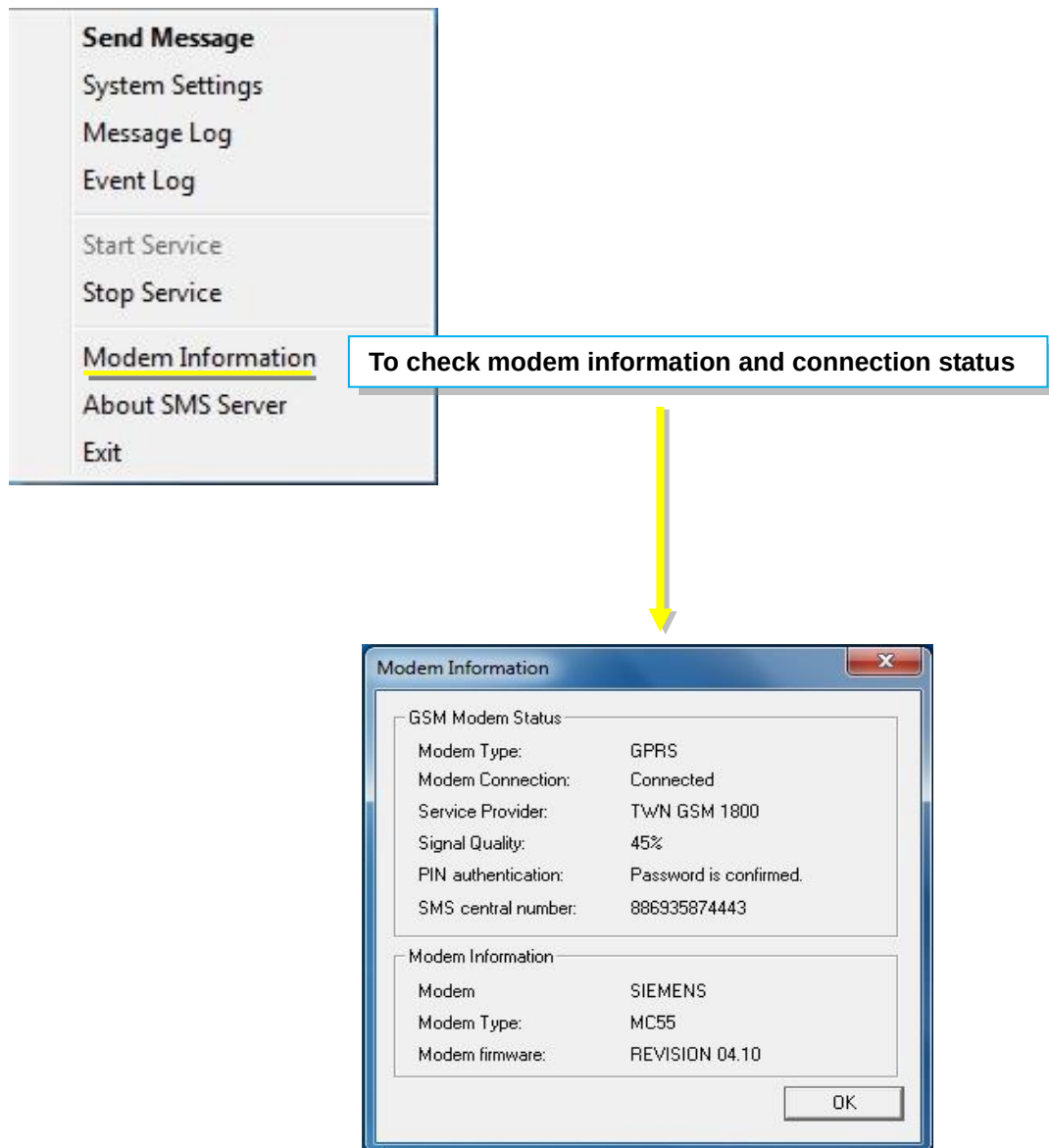


To configure type of modem, port, SIM PIN

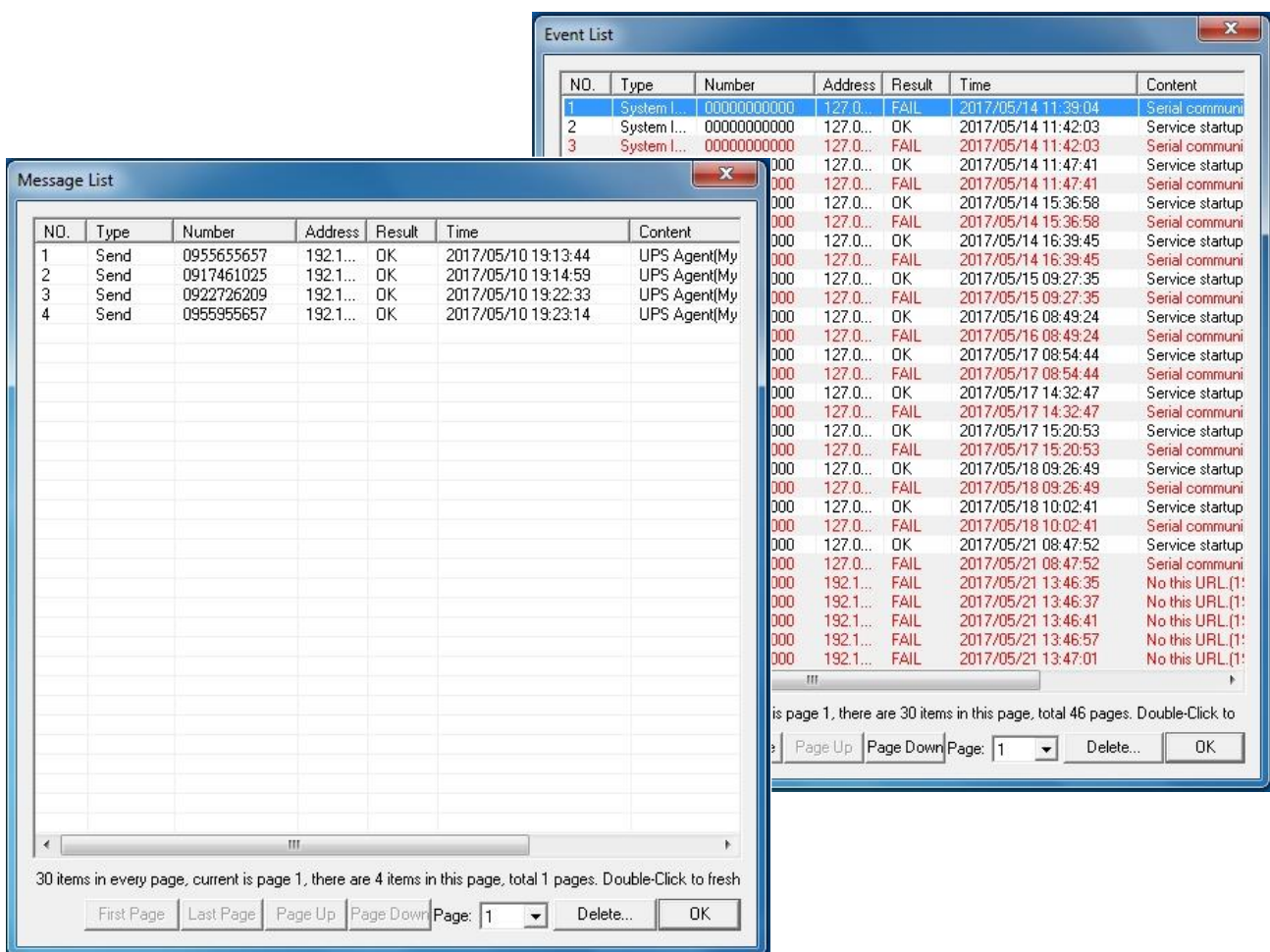
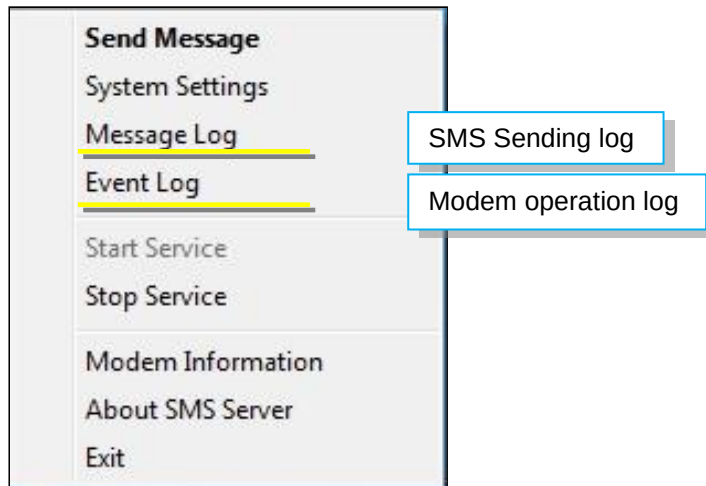
Check the virtual port number when using with USB modem

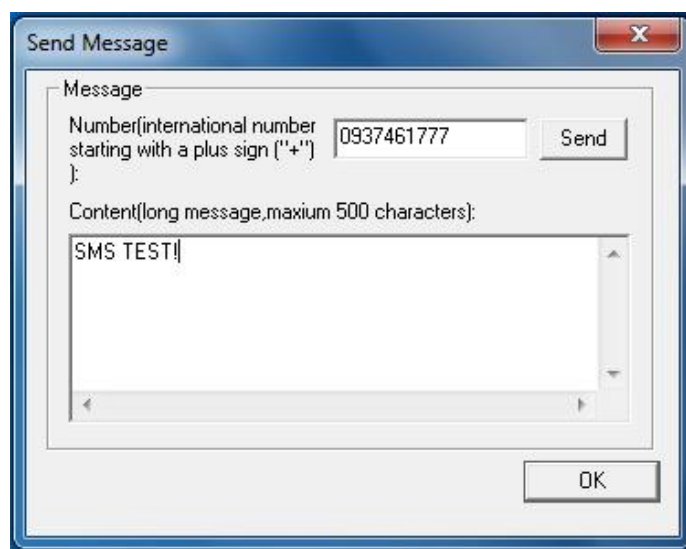
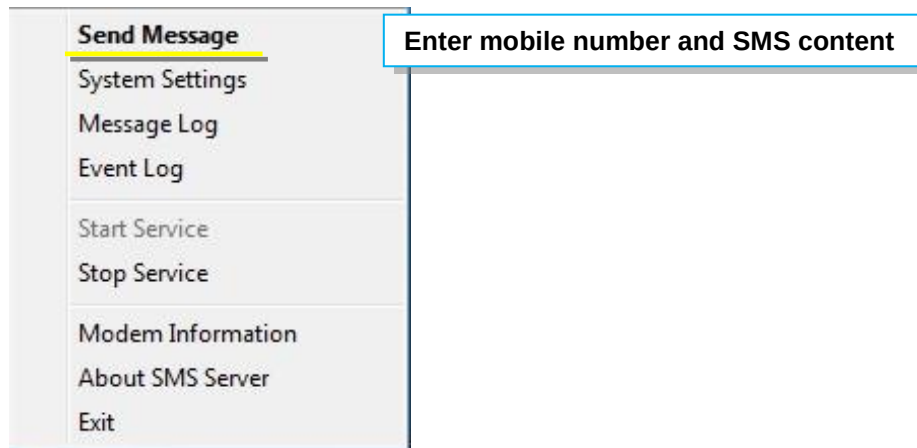
Select COM port of COM1,COM2.. when using with RS232 modem



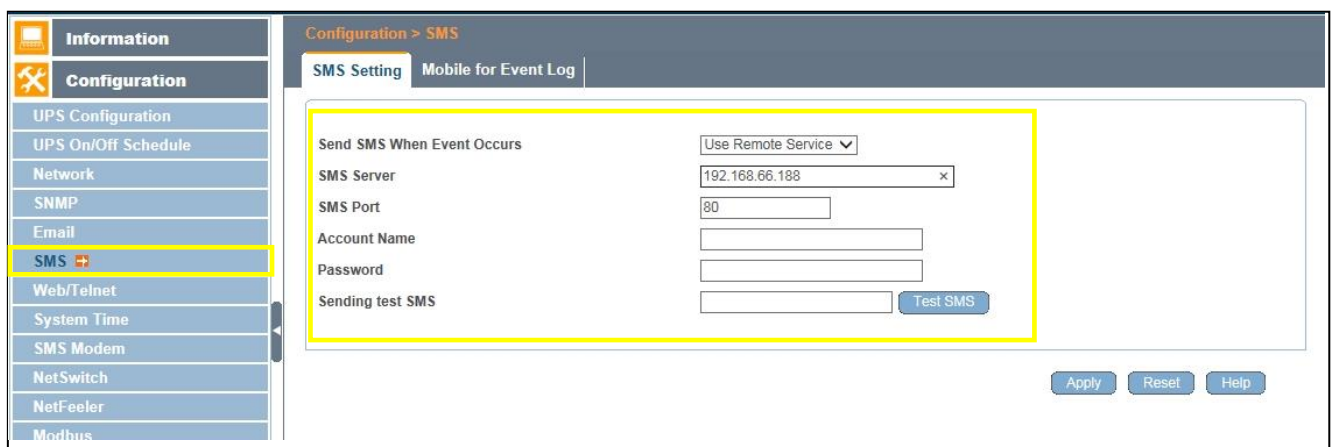


-Ensure all settings are correct and modem is connected with signal in order to send SMS successfully





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



Chapter 10. Appendix

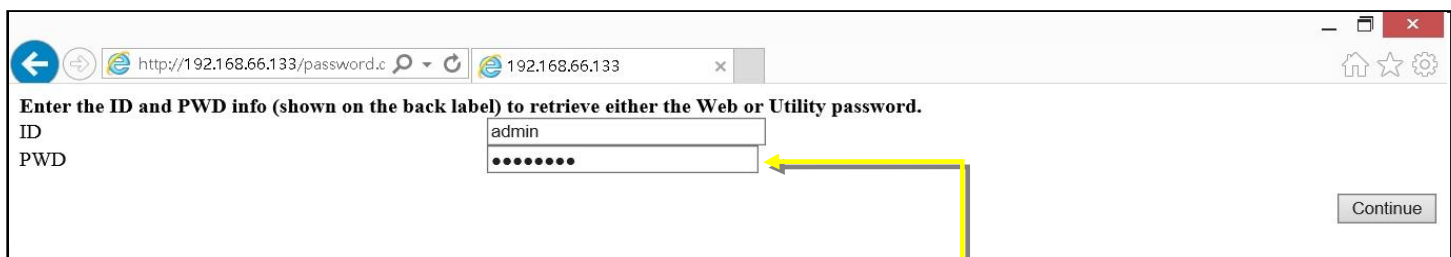
When Netility and NetAgent's username/password are lost, please follow the steps below to clear or check the configuration

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



3. Enter ID: admin

Password: Enter the master password for the device



4. Press continue and clear

