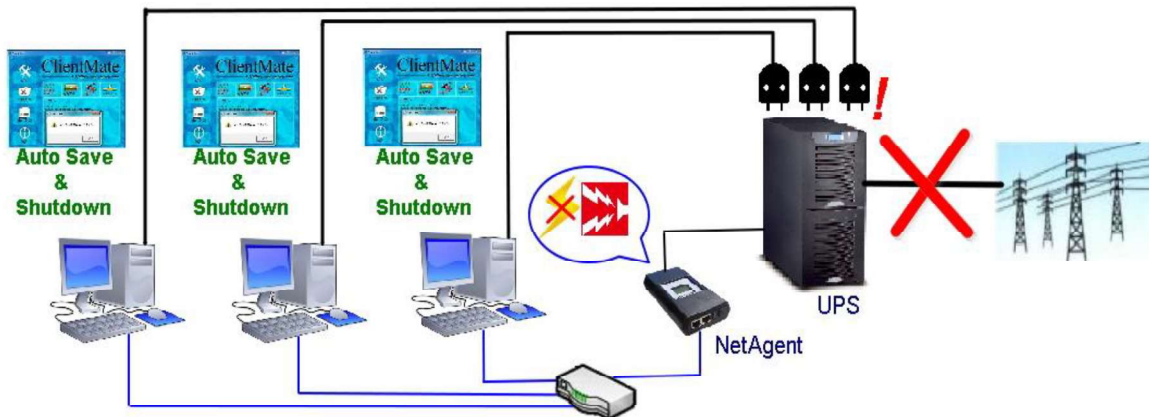


Chapter 6. ClientMate

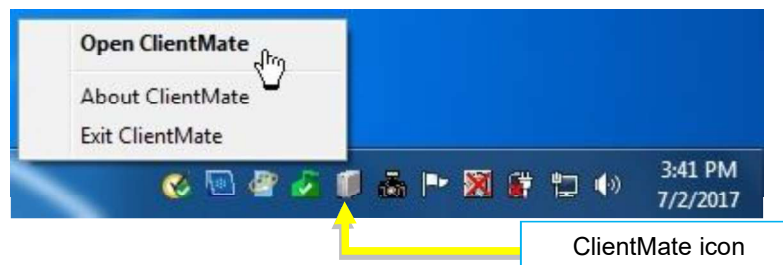
ClientMate is shutdown software for PC that connects with NetAgent. This utility is for the Windows platform. When the ClientMate gets the power failure signal from the NetAgent. The ClientMate will save the files and shutdown the system gracefully. When the hardware installation of the NetAgent has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



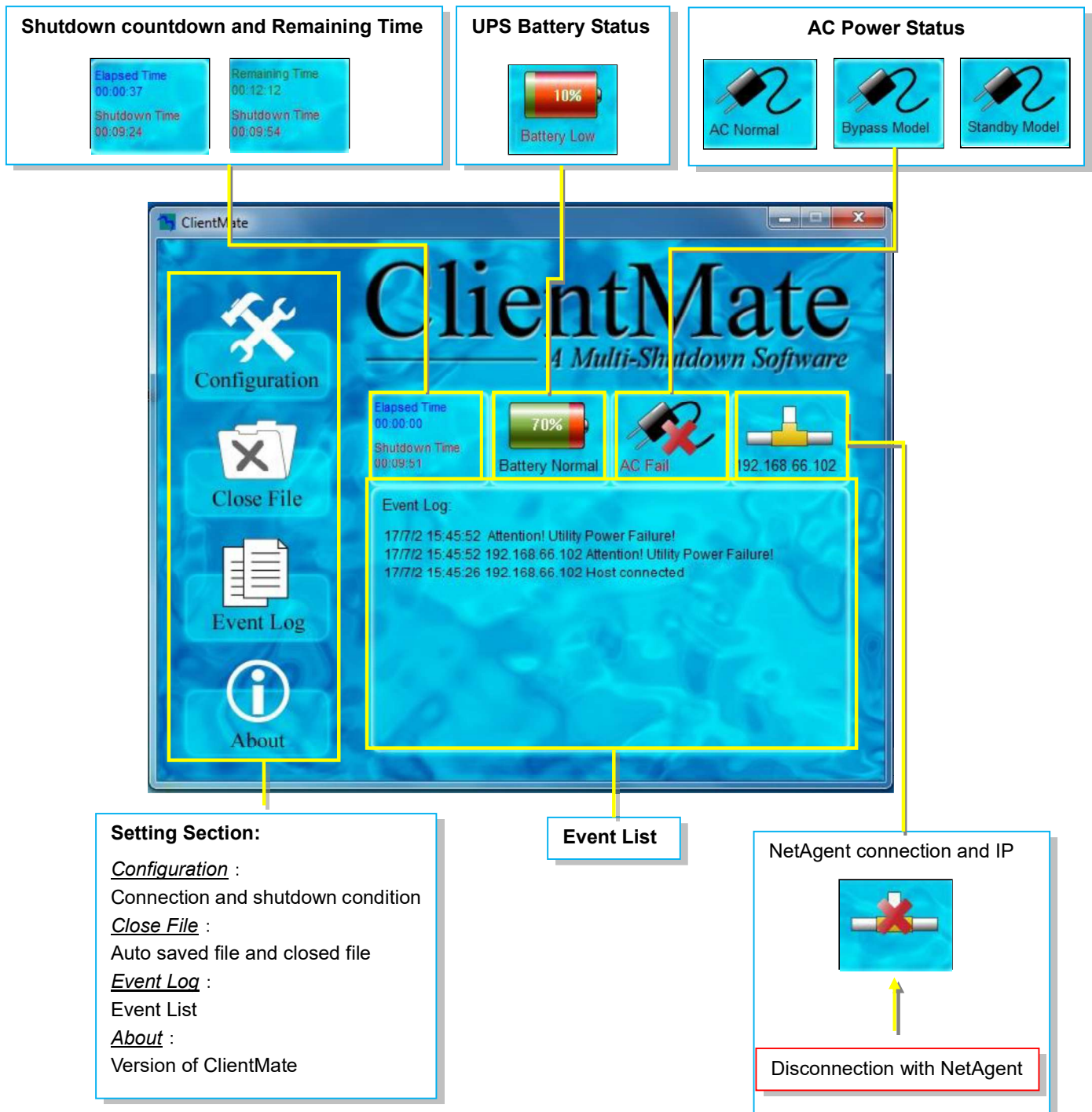
Installation and setup

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

Click Add to add NetAgent device

General | Power Failure | Schedule Shutdown

Host Connection

Host address	SNMP Port	Connection Type

Add Modify Remove

Security Level: Medium

Warning Messages

☐ Broadcast Warning Messages (On Server platform)

☒ Popup Warning Message

Configuration Password

Password:

Confirmed Password:

OK Cancel

(N) = NetAgent
(S) = UPSilon PC

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

Add

Host Connection

☒ SNMP V1/V2

User Name:

SNMP V3

SNMP V3

UPSilon/RUPS

Host: 192.168.66.102

SNMP port: 161

Community: public

Authenticate: MD5

Privacy: DES

Query...

Cancel

Connection Query

Available List:

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

Refresh Connect Cancel

Configure

General | Power Failure | Schedule Shutdown

Host Connection

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

Add Modify Remove

Security Level: Medium

Warning Messages

☐ Broadcast Warning Messages (On Server platform)

☒ 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.

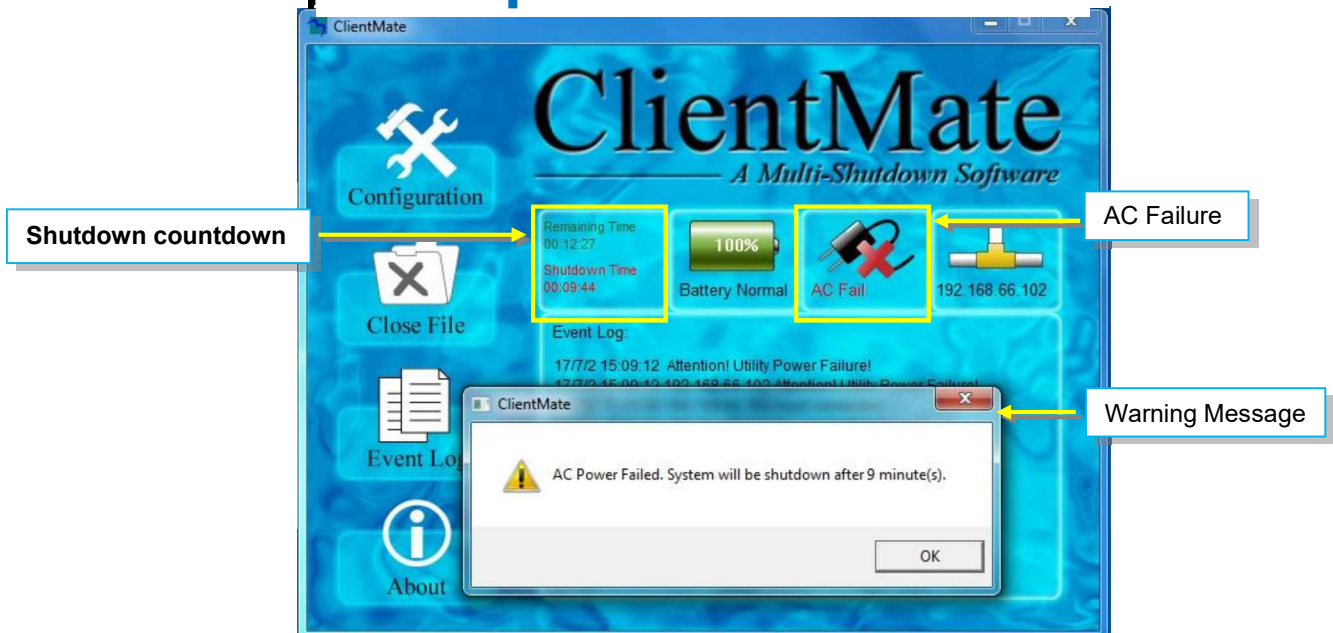
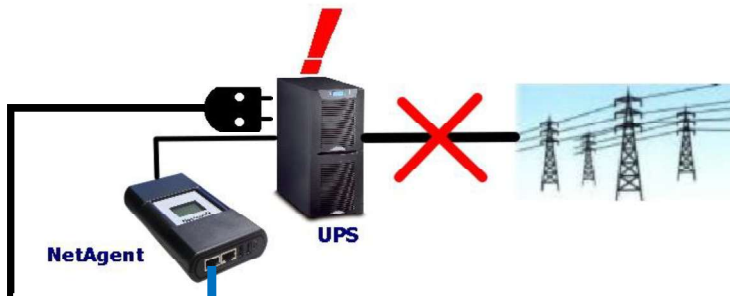
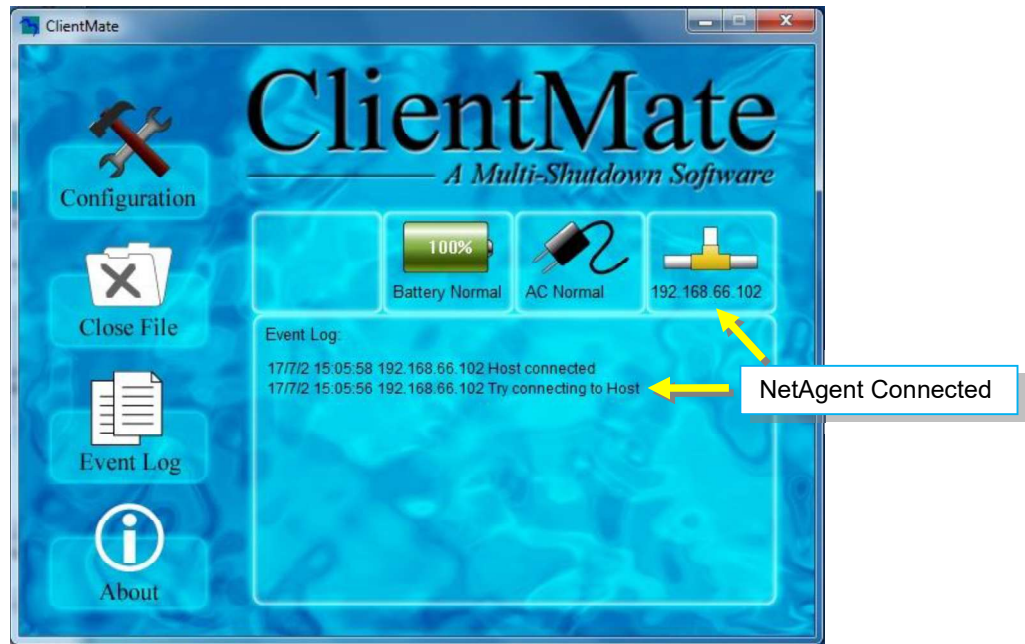
OK Cancel

Auto save opened file

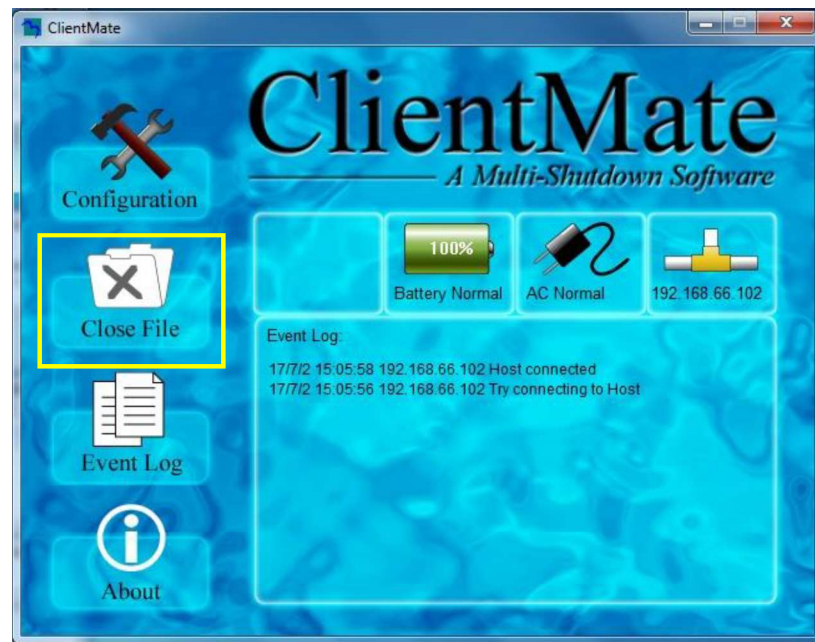
To execute any application file such as .bat before shutdown

To turn off UPS after shutdown

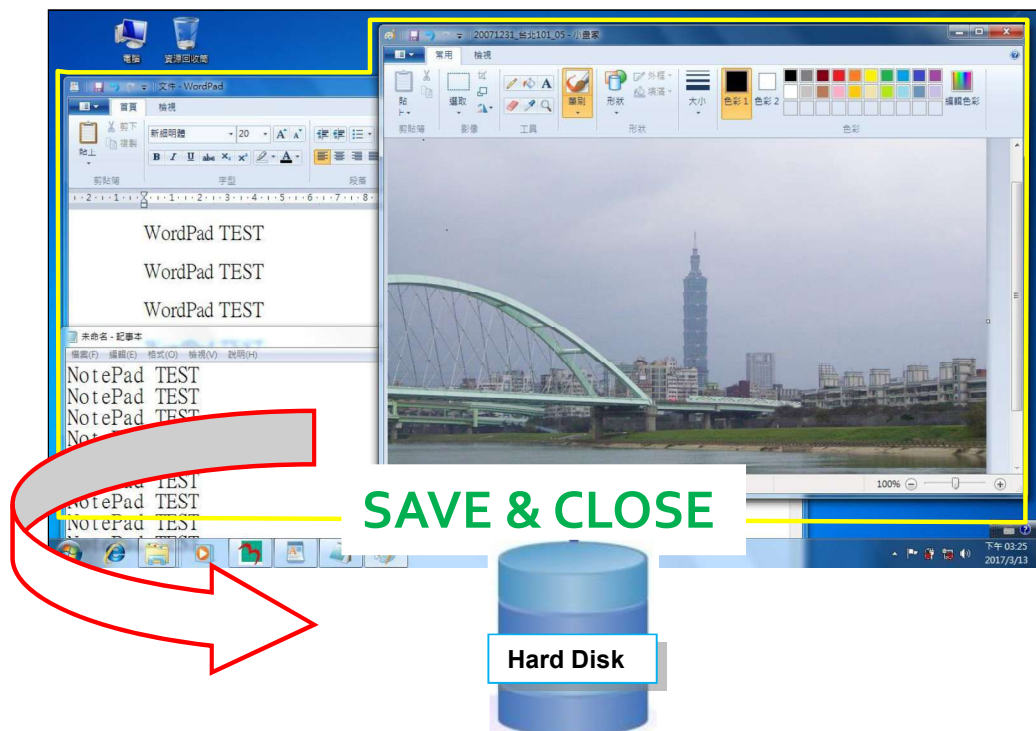
- Shutdown by ClientMate or ACPI
- To shut down by ClientMate, it can be select to be shut down or hibernation

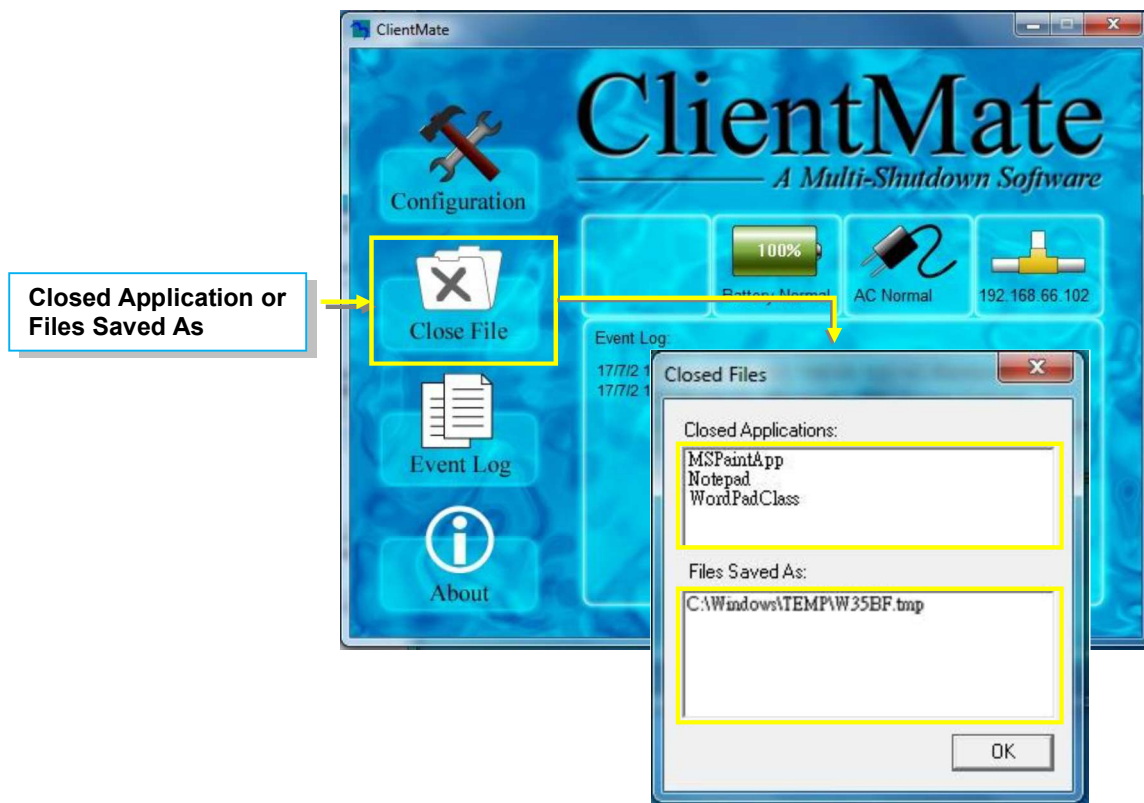


Close File

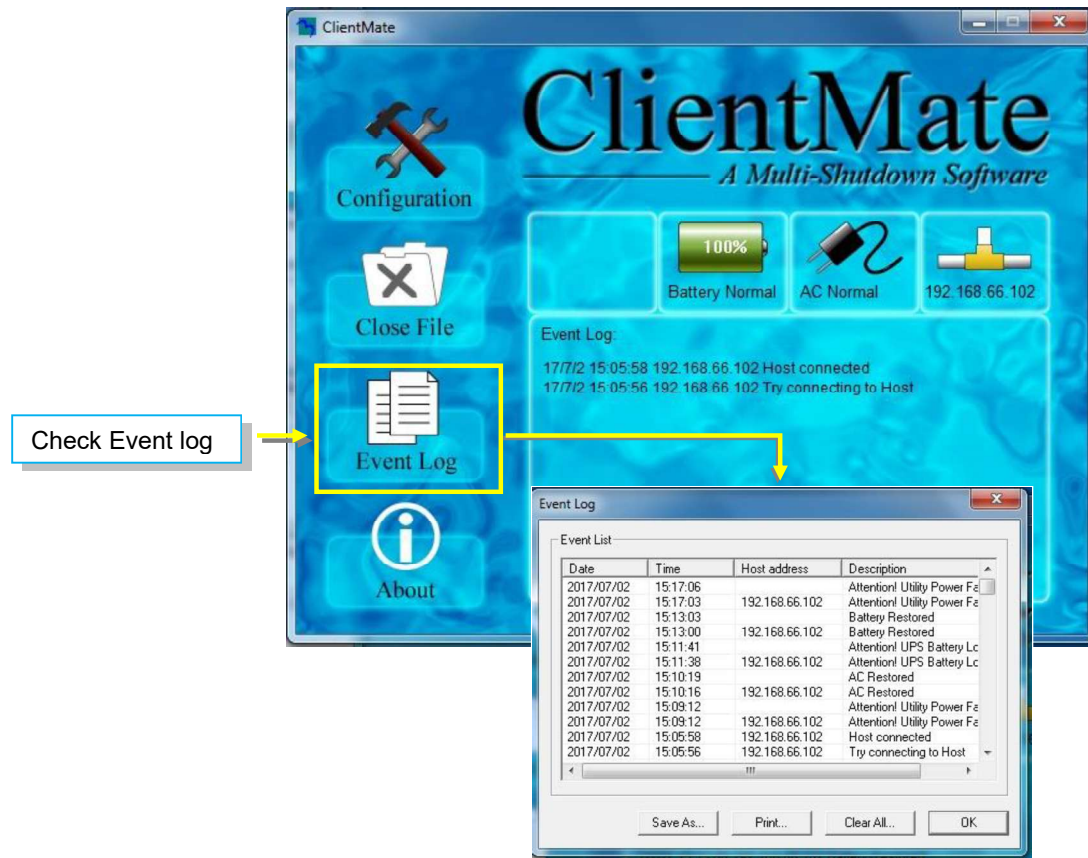


If select to auto save file before shutdown, ClientMate will save the file and file can be check from Closed File

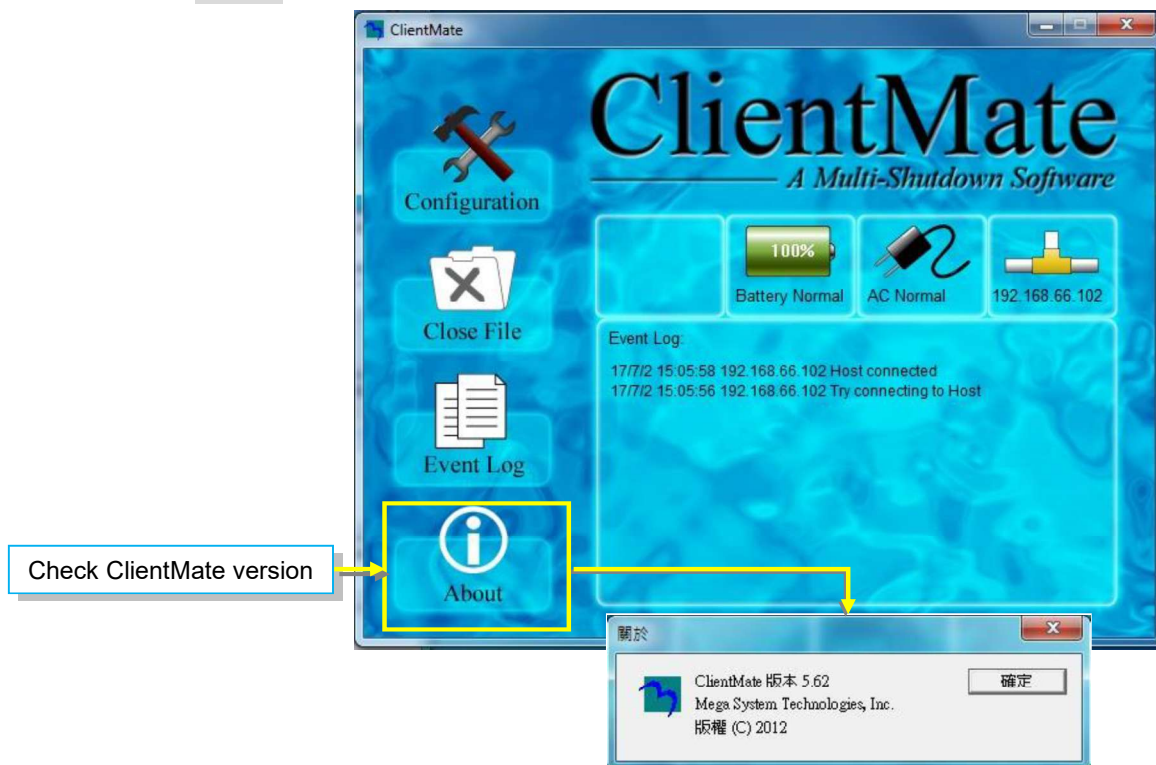




Event Log



About



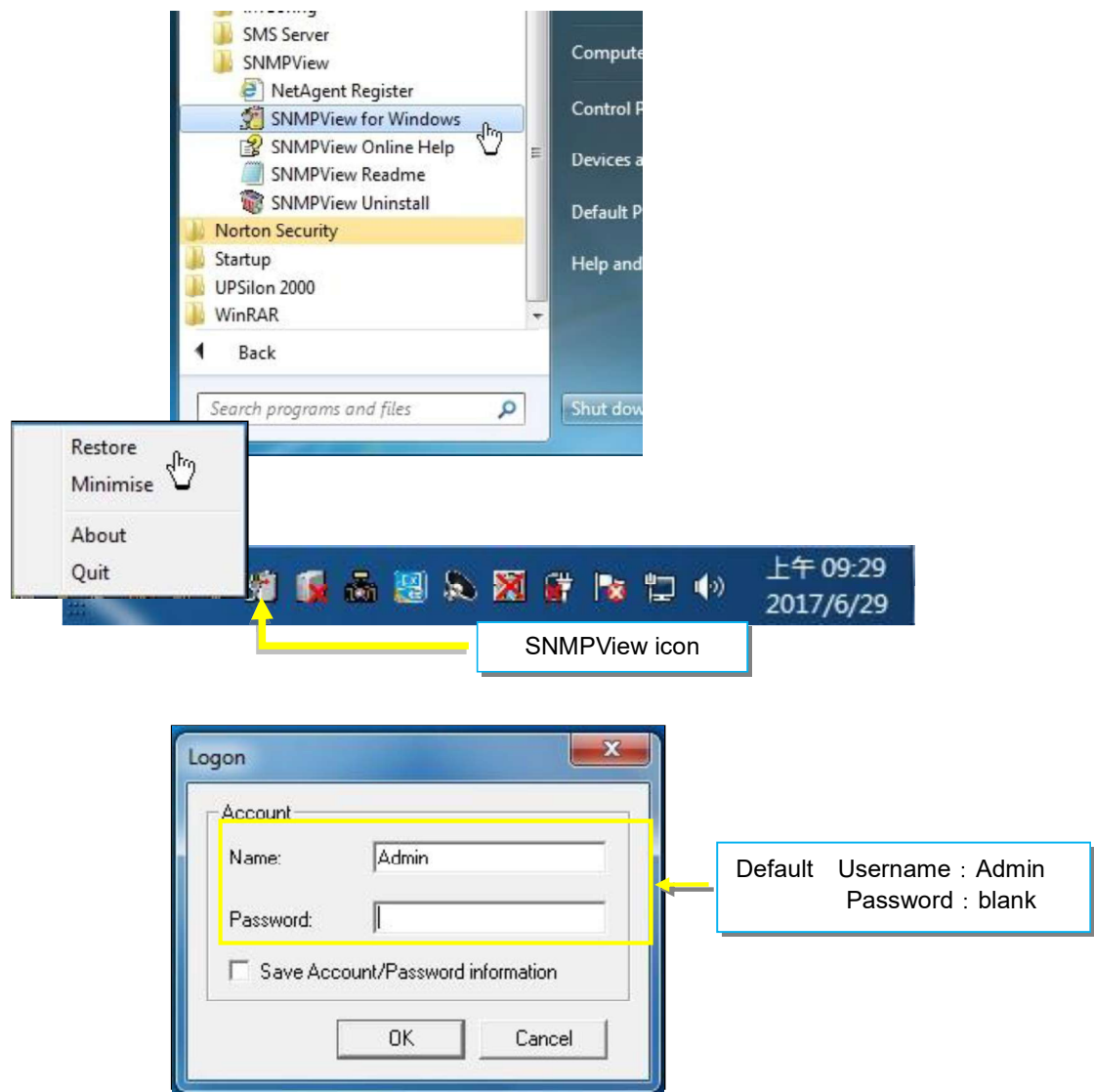
Chapter 7. SNMP View

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

The interface shows a 'Group Station' tree on the left with 'NetAgent' selected. The main table displays UPS information for three devices. A status bar at the bottom indicates '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'.

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	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

Connection Information

NetAgent and UPS Info

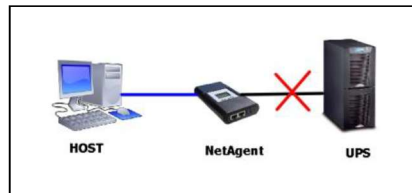
NetAgent Info

UPS connection status and information

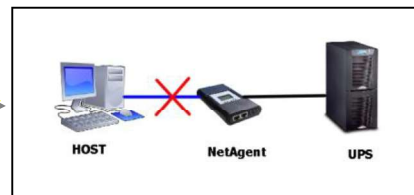
NetFeeler Status

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 V _o	Output	Battery	Capacity	Loading	Temper
192.168.0.132	192.168.0.132	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.148	192.168.0.148	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.31	192.168.0.31	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.32	192.168.0.32	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.30	192.168.0.30	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.29	192.168.0.29	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.198	192.168.0.198	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.175	192.168.0.175	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.229	192.168.0.229	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.211	192.168.0.211	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.34	192.168.0.34	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.115	192.168.0.115	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.212	192.168.0.212	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.148	192.168.0.148	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.30	192.168.0.30	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.115	192.168.0.115	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.211	192.168.0.211	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0
192.168.0.175	192.168.0.175	2017/6/28 17:10	240.4	240.4	21.5	100.0	10.0	35.0

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.

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

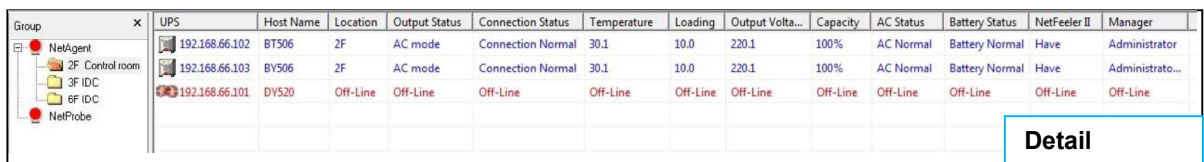
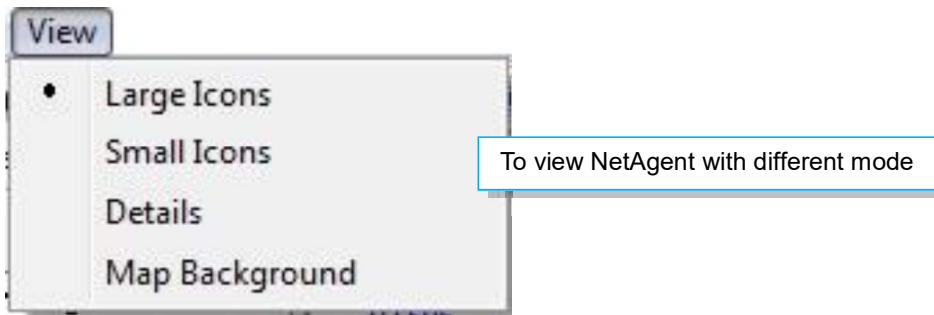
UPS Group

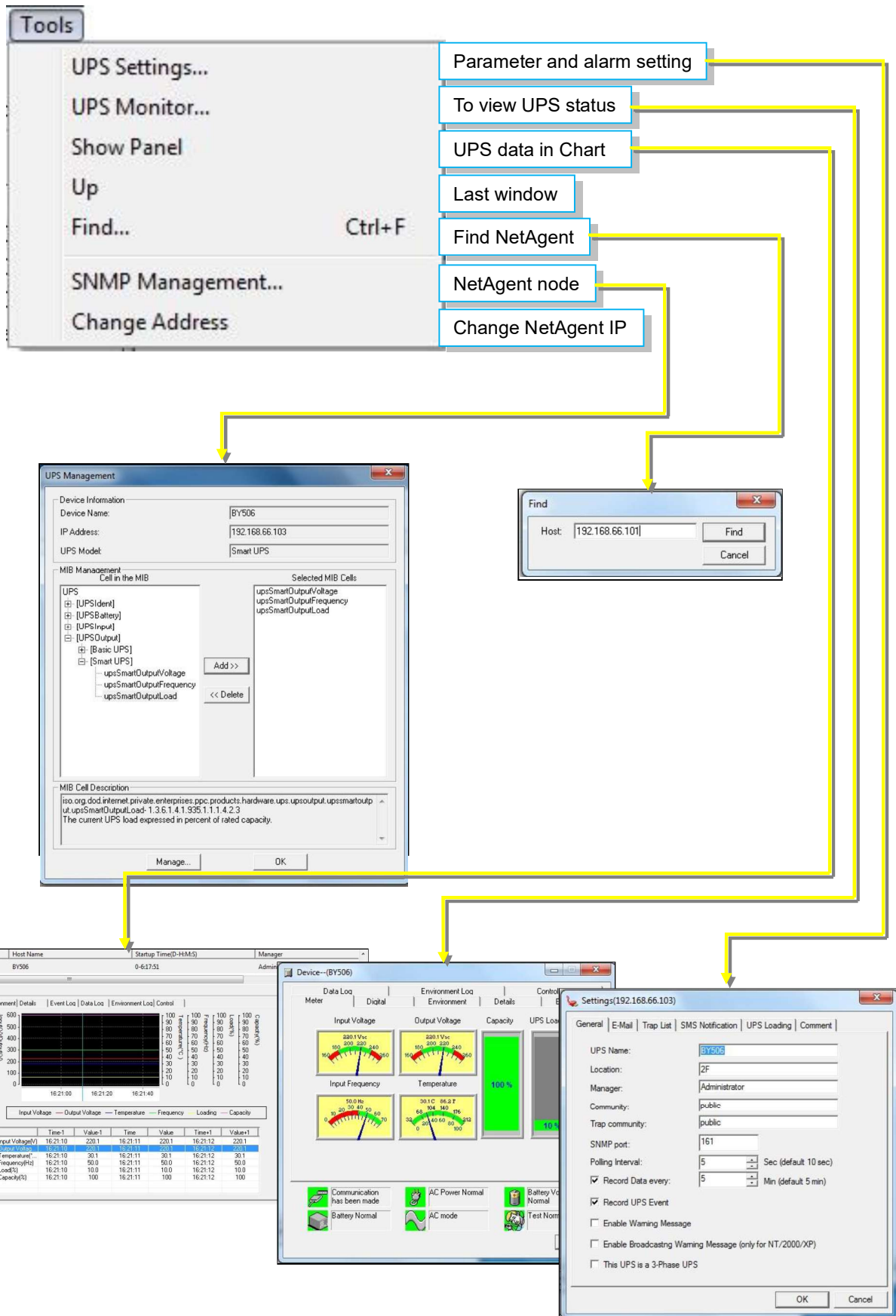
Group name: 2F Control room

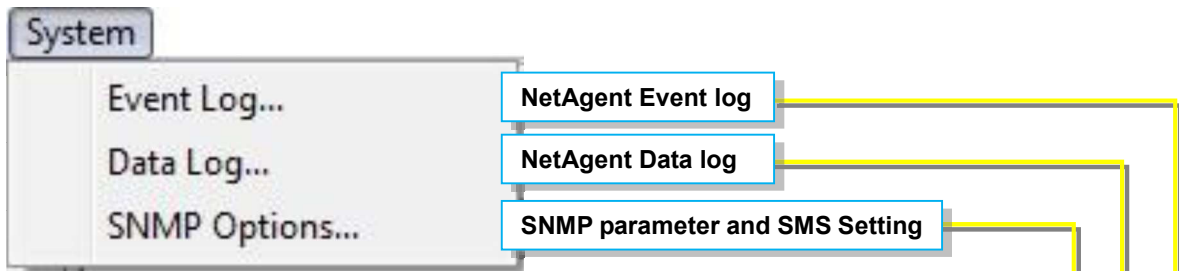
☒ Enable Background Map

D:\controlroom_map.bmp Browse...

OK Cancel







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...	BT506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	UPQ Agent.S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168...	UPS Agent.S...	2017/6/28 17...	104.1	110.0	2.1	100.0	33.0	31.2
192.168...	BY506-Smart...	2017/6/28 17...	108.3	109.7	2.2	100.0	5.0	22.0
192.168...	NETPROBE N...	2017/6/28 17...	23.77/60	0.00/50...	0/80Hz...	0.00/0...	0.00/0...	...
192.168...	NetProbe Mini...	2017/6/28 17...	Mini	25.47/61	10.00/1...	10/100...	0.00/0...	...
192.168...	DY520-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	(none) Smart...	2017/6/28 17...	208.4	208.6	2.0	63.0	34.0	35.0
192.168...	BT506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	UPQ Agent.S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168...	UPS Agent.S...	2017/6/28 17...	109.3	109.3	2.1	100.0	34.0	31.5
192.168...	BY506-Smart...	2017/6/28 17...	109.3	109.8	2.2	100.0	10.0	22.0
192.168...	NETPROBE N...	2017/6/28 17...	Mini	23.36/59	0.00/50...	0/80Hz...	0.00/0...	...
192.168...	NetProbe Mini...	2017/6/28 17...	Mini	25.00/61	10.00/1...	10/100...	0.00/0...	...
192.168...	DY520-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	(none) Smart...	2017/6/28 17...	208.4	208.6	2.0	63.0	34.0	35.0
192.168...	BT506-Smart...	2017/6/28 17...	220.1	220.1	27.1	100.0	10.0	30.1
192.168...	UPQ Agent.S...	2017/6/28 17...	208.4	208.4	21.5	100.0	10.0	35.0
192.168...	UPS Agent.S...	2017/6/28 17...	104.4	110.0	2.1	100.0	34.0	31.2
192.168...	BY506-Smart...	2017/6/28 17...	109.0	109.6	2.2	100.0	6.0	22.3
192.168...	NETPROBE N...	2017/6/28 17...	23.36/61	0.00/50...	0/80Hz...	0.00/0...	0.00/0...	...
192.168...	NetProbe Mini...	2017/6/28 17...	Mini	26.00/64	10.00/1...	10/100...	0.00/0...	...

Save As Print Clear All

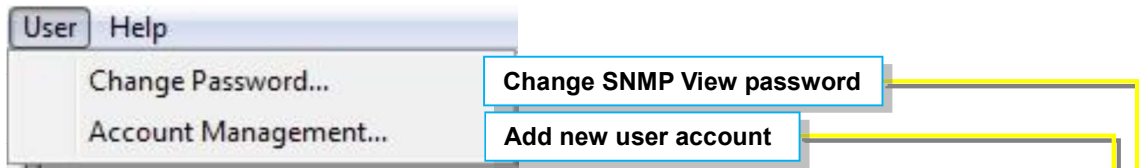
OK Cancel

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



User Management

Account List

Account	Role
Admin	Manager
ttc	Guest

Delete Change Password... Add User... OK

Change Password

Account Information

Old password:

New password:

Confirm new password:

OK Cancel



Menu Description

SNMPView Version and info

