

IP	UPS / STS Name	UPS / STS Location	Configu	Firmware ID	Username	Password	
<b>6</b> 1	MGE Upsilon STS 250 A	Computer Room	coninga	IA	MGEUPS	1 03399010	
<b>1</b>	Upsilon STS	Simulator gmz office		IA	MGEUPS		
<b>1</b>	unknown	Computer Room		IA	MGEUPS		
<b>1</b>	MGE Upsilon STS	Computer Room		IA	MGEUPS		
<b>1</b>	Galaxy 3000 30 kVA	Multislot Bas	NTP	GF	MGEUPS		
<b>E</b> 1	COMET 3000 20 kVA 3:1	SSW Lab		GF	MGEUPS		
<b>1</b>	COMET 3000 20 kVA 3:1	SSW Lab		GF	MGEUPS		
<b>1</b>	Pulsar M 3000	SSW Lab		AA	MGEUPS		
<b>C</b> 1	MSTAR 30000	GMZ office - Unita		AD	MGEUPS		
0 1	Unknown	Unknown	Unknown		MGEUPS		
<b>6</b> 1	Evolution 1100	Labo SSW. sous b		CA	MGEUPS		
Show	All Informations <u>Import</u>	<u>Export</u>	Browse	Add	Modify	Remove	Discover
nage Inf	ormation						
ersion N	lo	Date Code		Fil	e Size		Upgrade
ile Nam		25					Open



NMC Transverse 66074



NMC Teleservice 66124



NMC with ModBus/Jbus 66123



# Mupgrade Utility

For Network Management Cards User Manual

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### 1 Introduction

This document describes how to use the Network Management Card Firmware Utility software (Mupgrade) to discover, upgrade and configure Network Management Cards linked to the network.

The following functions are available:

- Auto-discovery of your installed base (Model card, IP address, MAC address, firmware card release embedded...)
- Direct link to the card Web interface.
- Firmware upgrade (single card or multicards)
- Import, modify, save, export Network Management Card configuration (single card or multicards)
- Export / import the list of the installed UPS base.

#### 2 Installation

Mupgrade program is available from the www.apc.com Web site, or on the Solution-Pac 2 CDROM.

Run the Setup.exe file and follow the instructions.

A shortcut is placed in the program menu in the group « Schneider Electric »

Note:

If you have UNIX or Linux platform, you cannot use this software but upgrading is possible through TFTP command. Read the Network Management Card user manual to get more information on this function.

```
# tftp <Entrer>
tftp> mode octet
tftp> verbose
tftp> put nmc_gb.bin upgrade@password@username <Entrer>
Sent 779120 bytes in 85.3 seconds [73096 bits/s]
tftp> quit <Entrer>
```

Note: TFTP upgrade is only working 66074 products.

#### 3 Best environment to use it

This software utility has the best performance if it is principally used in INTRANET architecture. If used in EXTRANET, some limitations can be discovered because of firewalls existence.

Compatible with Microsoft platforms:

- Windows 2000
- Windows 2003
- Windows XP
- Windows Vista
- Windows 2008
- Window Seven



# **Mupgrade Utility** For Network Management Cards

## **User Manual**

#### Compatibility 4

#### **Cards compability** 4.1

MUPGRADE is compliant with following cards:

	<b>66074</b> < FB	66074 ≥ FB	66123 and 66124
Discovery	Yes	Yes	Yes
Internet link	Yes	Yes	Yes
Firmware upgrade	Yes	Yes	No <sup>(1)</sup>
Configuration management	No	Yes	No
Export / import list of installed base	Yes	Yes	Yes

Notes. (1)

- : the firmware upgrade is available directly from the card web page. Mupgrade not necessary



#### 4.2 Firmware compability

For the 66074 NMC, there is and lost of compability between hardware and firmware.

	<b>66074 Technical</b> Level < 12 Green PCB	<b>66074 Technical</b> Level ≥ 12 Blue PCB
Firmware upgrade	Last firmware release: <b>GF</b>	First firmware release: <b>HA</b>

So it is not possible to upgrade an 66074 NMC at technical level < 12 (green PCB), with a firmware equal or upper release HA.

Schneider Ele Firmware Upgrade			Old hardw with firmw	vare 66074 vare GF	NMC,	A	
Network Manage	ement Cards	5 (NMC)					
IP Address	Card	UPS / STS	UPS / STS Lo	MAC Address	Configuration ID	Firmware ID	Username
6 10.216.134.112	Network M	MGE Galaxy	Zone 3A NS	00-06-23-00-d6-40		AD	MGEUPS
10.216.134.48	SNMP Card	Unknown	Unknown	?? - ?? - ?? - ??	Unknown	,	MGEUPS
6010.216.134.49	NMC Trans	unknown	Computer Room	00-e0-d8-0d-6f-29		IA	MGEUPS
6 10.216.135.149	NMC Trans	EXtreme 700C	Computer Room	00-e0-d8-ff-a6-ed		IA	MGEUPS
6 10.216.134.46	NMC Trans	MGE Upsilo	Computer Room	00-e0-d8-0d-6f-28	Access Control	IA	MGEUPS
6 10.216.135.105	NMC Trans	Galaxy 3000	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF	MGEUPS
6 10.216.135.136	Network M	MGE Galaxy	Computer Room	00-06-23-00-60-5c		AD	MGEUPS
firmware /	mations	Image is no 10.216.135	•	with following ca	ard(s) !		



### 5 Operations description

5.1 Start and Stop Mupgrade

Once installed, use the Mupgrade shortcut placed in the program menu to launch the software.

The following window is displayed :

🥤 Sc	hneide <mark>r</mark> Ele	ctric Netw	/ork Managen	nent Cards u	pgrade ut	ility DA		_ 8 ×
Firm	ware Upgrade	Remote Confi	iguration					
		ment Cards (NI	-					
F	<sup>o</sup> Address	UPS / STS Name	UPS / STS Location	Configuration ID	Firmware ID	Username	Password	
	Show All Infor	mations Imp	ort Export	Browse	Add	Modify	Remove	Discover
				J	·		J	
_lm:	age Informatio	n						
	rsion No		Date Code		Fi	le Size		Upgrade
Fil	e Name 📃							Open
				Quit				



#### 5.2 Discovering the Network Management Cards

Autodiscovery is based on a TFTP broadcast. Access to cards which belong to another group can be limited by routers and switches configuration.

Click on the button **Discover** and wait the end of the research. To see more information about the cards select Show All Informations box. Once this research is completed all the Network Management Cards or SNMP cards connected to your WAN are displayed as follow:



To open a card Web interface, select a card and then click on **Browse** button.

**Add** button allows to add cards to the list for those which can not be reached with the discovery function.

**Remove** button allows to delete from the list all cards you don't want to perform any action with.



#### 5.3 Display the NMC Card by class (66074, 66123, 66124)

For displaying the king of NMC card, it is necessary to click on the "Show All information" box. The differents NMC cards :

- NMC transverse, for 66074
- Network Management Card & Modbus/Jbus, for 66123
- Network Management Teleservice Card, for 66124

Different NMC cards : 66074, 66123, 66124		Firmware U	er Electric Ne pgrade   Remote Co Angagement Cards	nfiguration	agement Cards	upgrade ut	ility DA		_ 8
		I	Card		UPS / STS Name	UPS / STS Lo	MAC Address	Configuration ID	Firmware ID L
			etwork Management Card &	ModBus/Jbus	MSTAR 30000	GMZ office	00-06-23-00-60-5c		AD I
		6 1.	Network Management Tele	service Card	MGE Galaxy 7000 U	GMZ office •	00-06-23-00-d6-3a		AD I
		1.	NMC Transvers	e	Upsilon STS	Simulator gmz	00-e0-d8-0d-6f-2c		IA I
		<b>E</b> 1.	NMC Transvers	-	MGE Upsilon STS	Computer Room	00-e0-d8-0d-6f-28		IA I
		<b>e</b> 1.	NMC Transvers		Galaxy PW Single//	Computer Room	00-e0-d8-0d-6f-2b		IA I
		<b>2</b> 1.	NMC Transvers		MGE Upsilon STS 2	Computer Room	00-e0-d8-0d-6f-2a		IA I
		🥰 1.	NMC Transvers	e	Galaxy 3000 30 kVA	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF I
		•							•
		Show A	II Informations In	nport E	xport Browse	Add	Modify	Remove	Discover
Click on Show All	/ ך	Image Info Version N File Name	0	Date (	Code	F	ile Size		Upgrade Open
Informations					Quit				



#### 5.4 Enter Username and Password

- For a single card : Select a line and click on « Modify » or double click on the line
- For several cards : Select all the cards you need by using the keys : CTRL, SHIFT, TAB, SPACE and click on the title area of the column Username and Password to enter Username and Password
- By default, Username/Password is MGEUPS/MGEUPS.

	2 - Click on the top of the column. Schneider Electric Network Management Cards upgrade tility DA
	I         UPS / STS Name         UPS / STS Location         Configuration ID         Firmware ID         Username         Password           Image: State Stat
	Image:
	AD     MdEOFS       Imde datasy rd     dm2 billet rinmin       Imd datasy rd     dm2 billet rinmin
	C1. MGEUPSIO CONNECT Prom
	1. Galaxy PW Singl Co Schneider Electric Batch s X MEUPS
	C1. MGE Upsilon ST Co
	I. Galaxy 3000 30     M       Password:     MGEUPS       OK     Cancel
3 – Enter the passwo Default is <b>MGEUPS</b>	
	Show All Informations     Import     Export     Browse     Add     Modify     Remove     Discover       Image Information
	Version No Date Code File Size Upgrade
	File Name Open
	Quit

## 6 Import and export installed UPS / STS list

**Export** Save the UPS / STS list (all NMC of your UPS / STS base), as a csv with all informations included.

**Import** button allows to load a list of IP address from a csv file, missing or uptodate information from UPSs are automatically updated.



#### Upgrade the Network Management Card firmware 7

Download the last firmware release from the www.apc.com Web site.

To upgrade the card firmware:

- 1. Load the new firmware file by clicking on **Open** button inside the « Firmware Upgrade » page.
- Verify you have loaded the good release in the « Version No » window.
   Select the card(s) you want to upgrade.
- 4. Check that Username and Password are filled in.

<b>3</b> - Select the lin corresponding to		\		<b>4</b> – En	ter Usernan	ne and Pas	ssword.			
to be modified		ctric N	etwork Ma	nagement	Cards upgra	de utility D	A			- 8 ×
	<del>і пінмаге оругаце</del>	Remote (	Configuration							
ſ	- Network Manage	ement Card	s (NMC)							[
	IP Address	Gard	UPS / STS	UPS / STS Lo	MAC Address	Configuration ID	Firmware ID	Username	Password	
	<b>6</b> 10.216.135.136	Network M	MSTAR 300	GMZ office	00-06-23-00-60-5c		AD	MGEUPS		_
	6 10.216.134.182	Network M	MGE Galaxy	GMZ office	00-06-23-00-d6-3a		AD	MGEUPS		
	C 10.216.135.133	NMC Trans	Upsilon STS	Simulator gmz	00-e0-d8-0d-6f-2c		IA	MGEUPS		
	6 10.216.134.46		MGE Upsilo	Computer Room			IA	MGEUPS	1	
	6 10.216.134.45	NMC Trans		Computer Room			IA	MGEUPS		
	6 10.216.134.48	NMC Trans		Computer Room			IA	MGEUPS		
	10.216.135.79	NMC Trans	Galaxy 3000	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF	MGEUPS		
2 – Check the firmware relea of the .bin file.	ase									
	🔽 Show All Infor	mations _	Import	Export	Browse	Add Mo	odify	Remove	Discov	'er
	Image Informatio Version No IA File Name D:\E	ввнз15\м		·	gothard\BIN\G34		1,024,623		Upgra Ope	$\pm \square$
						5 – Click o	on Upgra	ade.	]′	



5. Click on **Upgrade** button and after on **OK** to send the new firmware to the cards.

Upgrading	
10.216.135	.133
	31%
10.216.134	46
10.210.134	32%
10.010.104	45
10.216.134	
	34%
10.216.134	.48
	39%

6. Upgrading leaves about 30 seconds / card (depend on traffic network). When it is finished, the card restarts and a similar pop-up appears :

Schneider Electric I	nformation
SUMMARY: 10.216.134.45 OK. 10.216.135.133 OK. 10.216.134.46 OK. 10.216.134.48 OK.	
	ОК

Note:

- 1. You can select a large number of UPSs at the same time, Mupgrade will manage download operation by group of 4 UPSs.
- 2. Check on the firmware release note if specific operations are needed after a firmware upgrade. (Factory reset, Trap receivers subscription,..)
- 3. If the download operation fails for any raison, correct the problem (restart PC running Mupgrade, check network connectivity, ..) and retry a download operation without resetting the card during that time.
- 4. If the card is no more accessible after a problematic download operation, use the **MsUpgrade.exe** another utility available from your Customer Care Center



# Mupgrade Utility For Network Management Cards

**User Manual** 

## 8 Remote Configuration

The Remote configuration function allows you to import, modify and export configuration (settings) from and to Network Management Cards.

Four steps to configure all your Network Management Cards:

- 1. Configure a Network Management Card located on the network through the html interface to create a master configuration. Refer to the Network Management Card user manual for details.
- 2. Import this configuration from the master card.
- 3. Edit and change some parameters and **select the fields whose must be overwritten in the destination cards** and save the new configuration in a file.
- 4. Export the new configuration to other cards which have **same firmware release** than the master card

This feature is available starting card firmware release FB:

There is no compatibility limitation depending on the UPS model used or on the Network Management Card model. A configuration file is compatible with all the other cards which have the same firmware revision.



#### 8.1 Import configuration

This function permit to import (upload) all the parameters managed in the Network Management Card Web interface:

							Configurati	on tab.	
	🥤 Schneider Ele	ctric	Network Ma	anagemer	nt Cards upg	grade utili <mark>ty</mark>	DA		
	Firmware Upgrade	Remot	e Configuration						
	- Network Manage			1					
2 Soloot	the card that w		Gard	UPS / STS	UPS / STS Lo	MAC Address	Configuration ID	Firmware ID	Username
_ 00.000		iii be	anagement Card	MSTAR 300	GMZ office	00-06-23-00-60-5c	Configuration 15	AD	MGEUPS
the master	r		Transverse	unknown	Computer Room	00-e0-d8-0d-6f-29		IA	MGEUPS
	10.216.134.45	NMI	Transverse	Galaxy PW	Computer Room	00-e0-d8-0d-6f-2b		IA	MGEUPS
	10.216.134.46		C Transverse	MGE Upsilo	Computer Room	00-e0-d8-0d-6f-28		IA	MGEUPS
	<b>10.216.135.158</b>		C Transverse	MGE Upsilo	Simulator gmz	00-e0-d8-0d-6f-2c		IA	MGEUPS
	10.216.134.48		C Transverse	MGE Upsilo	Test area	00-e0-d8-0d-6f-2a		IA	MGEUPS
	10.216.135.79		Transverse	Galaxy 3000	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF	MGEUPS
	10.216.134.182	Network M	anagement Tele	MGE Galaxy	GMZ office •	00-06-23-00-d6-3a		AD	MGEUPS
	Show All Infor 3 – Click on "B	rowse"			> Browse	Add	Modify R	emove	Discover
	card Web interfachanges you wa Then save your	ant.		figurat	ion ID	E	xport	mport	Edit Open
4 – Click on "Import" to upload the configuration file, from the master card.									

When import is finished, the following notification appears:

Mupgra	ade DA	x
į	Receive Fin	iished!
	ОК	]



# Mupgrade Utility For Network Management Cards

### **User Manual**

#### 8.2 The configuration editor

At end of the import, the configuration editor opens automatically. It allows you to edit, change or mask some parameters to prepare your configuration to be exported to your installed UPS / STS base.

The names of the items are the same than in the Network Management Card Web interface. The following syntax is used:

 $\Box$  Box is not checked: the page / data will not be overwritten when exporting the file.

Box is checked: the page / data in the uploaded card is overwritten when exporting the file.

 $\square$  Indicate a page with fields separately selectable. None of the fields in the page are selected

Indicate a page with fields separately selectable. All the fields in the page are selected.

Indicate a page with fields separately selectable: Some of the fields in the page are selected.

Proceed as following to personalize your configuration.

- 1. Import a configuration from a programmed card or open an existing file.
- 2. Select which parameters need to be duplicated in all your cards.
- 3. Save your configuration and close the editor.

#### You can attribute an identifier to the configuration. RemoteConfig - UPS.cfg Check the box, to duplicate the setting in all your cards. File 🖃 🔽 Schneider Electric 🗄 🔽 Configuration ID UPS Control Network Settings Weekly Schedule - Shutdown Parame Email Notification 🗄 🔽 Email message Settings 🖻 🔽 Network Settings IP Address Define all the parameters set in the UPS **TP** Address lĩn Gateway Address Control Web page. 255 Subnet Mask - Hostname Change for this settings can only be done in 🔲 Domain Name 10. Gateway Address the UPS Control Web page. 🔽 Telnet Connection BootP/DHCP Hostname up (need to re-import configuration after) 🖌 Network Upgrade Domain Name up Primary DNS Check the box to duplicate the UPS Control Secondary DNS **Telnet** Connection En SMTP Server settings in all your cards. BootP/DHCP Di Authentication 🖌 Authentication User Network Upgrade En 🔽 Authentication Passwo Primary DNS 0.0.0.0 🗄 🔽 System Settings Notified Applications 0.0.0.0 Secondary DNS 🗄 🗹 Central Shutdown Configu 🗄 🗹 Access Control SMTP Server smtpserver.domain.com 🕀 🔽 Time Authentication Disable • Environment Settings Authentication User MGEUPS Authentication Password MGEUPS

#### **1.UPS configuration editor**



#### 2.STS configuration editor

.

NemoteConfig - STS.	cfg		_ 🗆 ×
File			
	Ne	etwork Settings	
Hostname Domain Name Domain Name Domain Name Domain Name Domain Name Domain Name Notified Applications Access Control Environment Settings	IP Address Subnet Mask Gateway Address Hostname Domain Name Telnet Connection BootP/DHCP Network Upgrade Primary DNS Secondary DNS SMTP Server Authentication Authentication User Authentication Password	10.216.134.48         23         10         Same feature than UPS configuration.         11         12         13         14         15         16.134.48         17         18         19         10         110         110         110         110         110         111         112         113         114         115         116         117         118	



#### **Export configuration**

This function permit to export (download) all the parameters managed in the Network Management Card Web interface.

#### Be sure, you are inside the **Remote Configuration** page.

			vork Managemen	1.0	, ,			_ 6
	Firmware Upgrade	Remote Conf	figuration					
	- Network Managen							
	-	Card	UPS / STS Name	UPS / STS Lo	MAC Address	Configuration ID	Firmware ID	Username
3 - Select	the lines	IC Thansve	unknown	Computer Room	00-e0-d8-0d-6f-29		IA	MGEUPS
correspon	ding cards to be	twork Man	MSTAR 30000	GMZ office	00-06-23-00-60-5c		AD	MGEUPS
configured		IC Transve	MGE Upsilon STS 250 A	Test area	00-e0-d8-0d-6f-2a		IA	MGEUPS
J		IC Transve	MGE Upsilon STS	Computer Room	00-e0-d8-0d-6f-28		IA	MGEUPS
		IC Transve	MGE Upsilon STS	Simulator gmz	00-e0-d8-0d-6f-2c		IA	MGEUPS
	6 10.216.134.182	Network Man	MGE Galaxy 7000 UPS	GMZ office	00-06-23-00-d6-3a		AD	MGEUPS
	6 10.216.134.45	NMC Transve	Galaxy PW Single//	Computer Room	00-e0-d8-0d-6f-2b		IA	MGEUPS
	10.216.135.79	NMC Transve	Galaxy 3000 30 kVA	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF	MGEUPS
	Image Information Date Code Mar 4,	File Size	86,792 Configurat	Browse	Control E		mport	Discover Edit Open
	Image Information Date Code Mar 4,	File Size		ion ID Access	Control E			Discover Edit
	Image Information Date Code Mar 4,	File Size		ion ID Access	Control E			Edit
e configuratio	Image Information Date Code Mar 4,	File Size	ecuments\MUPGRADI	ion ID Access	Control E ol.cfg Dort,		mport	Discover Edit



Upgrading
10.216.134.48
77%
10.216.134.46
77%
10.216.135.158
18%

6. Export leaves about 5 seconds / card (depend on traffic network). When it is finished, the card restarts and a similar pop-up appears :

	ctric Infor	mation		×			
SUMMARY:	or						
0.216.134.46							
0.216.134.48							
0.210.135.15	0 UK.						
	(	ОК					
			a aanfinuna	tion file			
			e configura		١		
		are	e now applie	ed, with			
		are	•	ed, with			
		are the	e now applie e Configurat	ed, with tion ID			
chneider Ele	ectric Netwo	are	e now applie e Configurat	ed, with tion ID	A		_ 5
		are the	e now applie e Configurat	ed, with tion ID	DA		6
rmware Upgrade	e Remote Config	ork Management	e now applie e Configurat	ed, with tion ID	DA		6
rmware Upgrade Network Manage	e Remote Config ement Cards (NM	are the ork Management juration	e now applie e Configurat Cards upgr	ed, with tion ID ade utility E			
rmware Upgrade Network Manage IP Address	e Remote Config ement Cards (NM Card	ork Management guration IC) UPS / STS Name	e now applie e Configurat Cards upgr	ed, with tion ID ade utility E	DA Configuration ID	Firmware ID	Username
rmware Upgrade Network Manage IP Address 210.216.134.49	e Remote Config ement Cards (NM Card NMC Transverse	ork Management guration IC) UPS / STS Name unknown	e now applie e Configurat Cards upgr UPS / STS Lo Computer Room	ed, with tion ID ade utility E MAC Address 00-e0-d8-0d-6f-29		IA	Username MGEUPS
rmware Upgrade Network Manag IP Address 10.216.134.49 10.216.135.136	e Remote Config ement Cards (NM Card NMC Transverse Network Manage	are the ork Management guration IC) UPS / STS Name unknown MSTAR 30000	e now applie e Configurat Cards upgr UPS / STS Lo Computer Room GMZ office	ed, with tion ID ade utility E MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c	Configuration ID	IA AD	Username MGEUPS MGEUPS
rmware Upgrade Network Manage IP Address 10.216.134.49 10.216.135.136 10.216.134.48	e Remote Config ement Cards (NM Card NMC Transverse Network Manage NMC Transverse	are the ork Management guration IC) UPS / STS Name unknown MSTAR 30000 MGE Upsilon STS 250 A	e now applie e Configurat Cards upgr UPS / STS Lo Computer Room GMZ office • Test area	ed, with tion ID ade utility E MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c 00-e0-d8-0d-6f-2a	Configuration ID Access Control	IA AD IA	Username MGEUPS MGEUPS MGEUPS
rmware Upgrade Network Manage IP Address 10.216.134.49 10.216.135.136 10.216.134.48 10.216.134.48	e Remote Config ement Cards (NM Card NMC Transverse Network Manage NMC Transverse NMC Transverse	ork Management guration (C) UPS / STS Name unknown MSTAR 30000 MGE Upsilon STS 250 A MGE Upsilon STS	e now applie e Configurat Cards upgr UPS / STS Lo Computer Room GMZ office Test area Computer Room	ed, with tion ID ade utility E MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c 00-e0-d8-0d-6f-2a 00-e0-d8-0d-6f-28	Configuration ID Access Control Access Control	IA AD IA IA	Username MGEUPS MGEUPS MGEUPS MGEUPS
rmware Upgrade Network Manage IP Address 10.216.134.49 10.216.135.136 10.216.134.48 10.216.134.48 10.216.135.158	e Remote Config ement Cards (NM Card NMC Transverse Network Manage NMC Transverse NMC Transverse NMC Transverse	ork Management guration IC UPS / STS Name unknown MSTAR 30000 MGE Upsilon STS 250 A MGE Upsilon STS MGE Upsilon STS	e now applie e Configurat Cards upgr UPS / STS Lo Computer Room GMZ office Test area Computer Room Simulator gmz	ed, with tion ID ade utility E MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c 00-e0-d8-0d-6f-28 00-e0-d8-0d-6f-28 00-e0-d8-0d-6f-2c	Configuration ID Access Control	IA AD IA IA IA	Username MGEUPS MGEUPS MGEUPS MGEUPS MGEUPS
rmware Upgrade Network Manage IP Address (2) 10.216.134.49 (2) 10.216.135.136 (2) 10.216.134.48	e Remote Config ement Cards (NM Card NMC Transverse Network Manage NMC Transverse NMC Transverse	ork Management guration (C) UPS / STS Name unknown MSTAR 30000 MGE Upsilon STS 250 A MGE Upsilon STS	e now applie e Configurat Cards upgr UPS / STS Lo Computer Room GMZ office Test area Computer Room	ed, with tion ID ade utility E MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c 00-e0-d8-0d-6f-2a 00-e0-d8-0d-6f-28	Configuration ID Access Control Access Control	IA AD IA IA	Username MGEUPS MGEUPS MGEUPS MGEUPS

#### Note:

You can select a large number of UPSs at the same time. Mupgrade will manage download operation by group of 4 UPSs.



### 9 Miscellaneous

#### 9.1 Icon description in the UPS list

The icon on the left part of the UPS List gives an indication of the model card and its status:

Icon		Definition
e	-	Web compliant
	-	The card is ready to upgrade
	-	Upgrade image is suitable for this card
	-	(Note: The background color is white)
C	-	Web compliant
	-	The card's 'Network Upgrade' setting is set to "Disabled». See HTML page
		Network Settings
	-	The card is not ready to upgrade or can not be upgraded
	-	Upgrade image is not suitable for this card
	-	(Note: The background color is yellow)
	-	Network communication is lost with the card
	-	Not Web compliant
	-	The card's UFTP setting is set to "Disabled"
	-	The card is not ready for upgrade or can not be upgraded
	-	Upgrade image is not suitable for this card
	-	Not Web compliant
	-	The card is ready for upgrade
	-	Upgrade image is suitable for this card