

ID		LIDE / CTC I contion	Configu	Eiresuste ID	Heermanne	Drawword	
11   🖾 1	MGE Lipping STS 250 A	Computer Room	coninga		MCELIDE	1 03399010	
S 1	MGE Opsilon STS 250 A	Computer Hoom		IA IA	MGEUPS		
S 1	usknown	Computer Room		IA	MGELIDS		
<b>1</b>	MGE Lipsilon STS	Computer Room		IA	MGELIPS		
× 1	Galavi 3000 30 kVA	Multislot Bas	NTP	GE	MGELIPS		
<b>A</b> 1	COMET 3000 20 kVA 3-1	SSW/Lab		GE	MGELIPS		
<b>6</b> 1	COMET 3000 20 kVA 31	SSW1ab		GE	MGELIPS		
<b>M</b> 1	Pulsar M 3000	SSW Lab		AA	MGEUPS		
<b>1</b>	MSTAB 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
		25					



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	<b>66074</b> ≥ 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.

	Ĩ	Schneider Ele	ctric N	etwork N	Old hardw	are 66074/	NMC,	A		
	Fi	irmware Upgrade	Remote C	onfiguratio	with firmw	are GF				
	Г	Network Manage	ment Cards	; (NMC)						
		IP Address	Card	UPS / STS	UPS / STS Lo	MAC Address	Configuration ID	Fi	rnware ID	Username
		<b>6</b> 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
		10.216.134.49	NMC Trans	unknown	Computer Room	00-e0-d8-0d-6f-29			IA	MGEUPS
		10.216.135.149	NMC Trans	EXtreme 700C	Computer Room	00-e0-d8-ff-a6-ed			IA	MGEUPS
		10.216.134.46	NMC Trans	MGE Upsilo	Computer Room	00-e0-d8-0d-6f-28	Access Control		IA	MGEUPS
		😂 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
Warnning me not compatib hardware	essa le f	age for the irmware /	Work M. S	chneider I	Electric Ii	nformation with following ca	ard(s) !			
				10.216.135	.105					
		Show All Infor	mations ] n	The card(s)	will not be up	graded !				
		File Name D:\E	BBH315\	J		ОК	]			



### 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					
_ Ne	twork Manage	ment Cards (NI	MC)					
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						
Vei	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		Schneid Firmware U	er Electric Ne Ipgrade   Remote Co Nanagement Cards	twork Man nfiguration   (NMC)	agement Cards	s upgrade ut	tility DA		_ 8)
		I	Card	· · ·	UPS / STS Name	UPS / STS Lo	MAC Address	Configuration ID	Firmware ID L
		🧲 1. N	etwork Management Card &	ModBus/Jbus	MSTAR 30000	GMZ office	00-06-23-00-60-5c		AD I
		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
		1.	NMC Transvers	e	MGE Upsilon STS	Computer Room	00-e0-d8-0d-6f-28		IA I
		<b>E</b> 1.	NMC Transvers	e	Galaxy PW Single//	Computer Room	00-e0-d8-0d-6f-2b		IA I
		1.	NMC Transvers	e	MGE Upsilon STS 2	Computer Room	00-e0-d8-0d-6f-2a		IA I
		<b>2</b> 1.	NMC Transvers	e	Galaxy 3000 30 kVA	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF I
		•							•
		Show #	All Informations Ir	nport E	xport Browse	Add	Modify	Remove	Discover
Click on Show	/ ך	Image Info Version N File Namo	ormation o e	Date (	Code	F	ile Size		Upgrade Open
Informations					Quit	t			



#### 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.

1 - Select the lines corresponding to the cards to be modified	2 - Click on the top of the column. Schreider Electric Network Management Cards upgrade tility DA
	L. UP57515 Name UP57515 Location Configuration ID Firmware ID Username Password
	In MSTART 30000 GM2 office - Unita AU MGEUPS     MEEDS     MEEDS     MEEDS     MEEDS
	Index datay for the final data and the first second s
	Operations of a minimum and spine of the operation o
	7 1. Galaxy PW Singl. Co Schneider Electric Batch s X MGEUPS
	C1. MGE Upsion ST Co
3 – Enter the passwo	Cancel
Default is MGEUPS	
	□ 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	ies o the cards	\		<b>4</b> – En	ter Usernan	ne and Pas	ssword.			
to be modified		ctric N	letwork Ma	nagement	Cards upgra	de utility D	A			- 8 ×
	т ппіжаге оругаце	Remote (	Configuration							
	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		<u> </u>
	6 10.216.134.182	Network M	MGE Galaxy	GMZ office	00-06-23-00-d6-3a		AD	MGEUPS		
	6 10.216.135.133	NMC Trans	Upsilon STS	Simulator gmz	00-e0-d8-0d-6f-2c		IA	MGEUPS		
	6 10.216.134.46	NMC Trans	MGE Upsilo	Computer Room	00-e0-d8-0d-6f-28		IA	MGEUPS	1	
	6 10.216.134.45	NMC Trans	Galaxy PW	Computer Room	00-e0-d8-0d-6f-2b		IA	MGEUPS		
	0.216.134.48	NMC Trans	MGE Upsilo	Computer Room	00-e0-d8-0d-6f-2a		IA	MGEUPS		
	C 10.216.135.79	NMC Trans	Galaxy 3000	Multislot Bas	00-e0-d8-0a-01-1e	NTP	GF	MGEUPS		
firmware releated 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	n ВВН315\М 1 —	Date es documents Load the	Code Feb 11 S(ComTrans- ) new firmv	, 2010 gothard\BIN\G34 vare	File Size	1,024,623		Upgra Ope	de 1
						5 – Click o	n Upgra	de.	] /	



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	.45
	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 Informatio	n 🔀
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.	
1 5	Schneider Ele	ctric	Network Ma	anagemer	nt Cards upg	grade utili <mark>ty</mark>	DA		
Fi	irmware Unorade	Remot	e Configuration						
	Network Manage	ement Ca	rds (NMC)	1					
2 Salaat th	o oord that w	ill bo	Gard	LIPS / STS			Configuration ID	Eirmware ID	Username
	le calu that w	iii be	enavement Card	MSTAB 300	GMZ office -	00-06-23-00-60-5c	Configuration 15		MGELIPS
ne master	naster			unknown	Computer Boom	00-e0-d8-0d-6f-29		14	MGELIPS
	I III ZIB 134 45	NMI	Transverse	Galaxy PW	Computer Boom	00-e0-d8-0d-6f-2b		IA.	MGELIPS
	A 10.216 134 46	NMC	Transverse	MGE LInsilo	Computer Room	00-e0-d8-0d-6f-28		IA.	MGELIPS
		NMC	Transverse	MGE Unsilo	Simulator omz	00-e0-d8-0d-6f-2c		IA.	MGELIPS
	10.216.134.48	NMC	C Transverse	MGE Upsilo	Test area	00-e0-d8-0d-6f-2a		IA	MGEUPS
	10.216.135.79	NMC	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
3 - ca	Show All Infor     Click on "B ard Web interf	mations rowse" ace and	to open the	,	Browse	Add	Modify R	lemove	Discover
ch Th	nanges you wa	ant. modifie	cations	figurat	ion ID	E	Export	mport	Edit Open
					4 – Click upload th from the	on " <b>Import'</b> ne configurat master card.	' to ion file,		

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

.

RemoteConfig - ST	.cfg		<u>_ 🗆 ×</u>
File         Schneider Electric         Email Notification         Email Notification         Email Notification         Email Notification         Email Notification         Email Message Settings         IP Address         Subnet Mask         Gateway Address         Hostname         Domain Name         Z Telnet Connection         BootP/DHCP         Network Upgrade         Z Primary DNS         Scoondary DNS         SMTP Server         Authentication User         Authentication Passw         System Settings         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 Secondary DNS SMTP Server Authentication Authentication User	10.216.134.48         10.216.134.48         23         10         24         25         26         27         28         29         29         20         21         23         24         25         26         27         28         29         29         20         21         22         23         24         25         26         27         28         29         29         210         210         211         212         213         214         215         215         216         217         218         219         210         210         211         212         213         214         215         216         217         218	
4	Authentication Password	MGEUPS	



#### **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.

				1.0	, ,			
	Firmware Upgrade	Remote Conf	figuration					
	- Network Managen	nent Cards (N	мс)					
	-	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	d.	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
	10.216.134.45	NMC Transve	Galaxy PW Single//	Computer Room	00-e0-d8-0d-6f-2b		IA	MGEUPS
	C 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 Name D:\EBE	ations File Size   3H315\Mes do	86,792 Configurat	Browse	Add Control E	Aodify R xport I	mport	Discover Edit Open
	Image Information Date Code Mar 4, File Name D:\EBE	ations File Size   BH315\Mes do	86,792 Configurat	Browse ion ID Access	Add E Control E ol.cfg	Aodify R xport I	emove	Discover Edit Open
	Image Information Date Code Mar 4, File Name D:\EBE	ations File Size   BH315\Mes do	86,792 Configurat	Browse ion ID Access AccessContro Quit	Add	Aodify R xport I	emove	Discover Edit Open
Check the co configuratio lay after the	Image Information Date Code Mar 4, File Name D:\EBE	ations File Size   3H315\Mes do mation. be ase.	86,792 Configurat couments\MUPGRADI 4 – 0 to do conf	Browse	Add	Aodify R	emove	Edit Open



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 Infoi	mation		×			
0 216 134 46	nк						
0 216 134 48	OK.						
0 216 135 15	8 OK						
0.210.100.10	0 010						
	[	OK					
		Тн	e configura	tion file			
		0.1			\		
			מווחחב שחחו ב				
		die	e now applie	tion ID	\		
		the	e now applie e Configurat	tion ID			
Schneider Ele	ectric Netw	ork Management	e now applie e Configurat	tion ID			_ =
Schneider Ele	ectric Netw	ork Management	e now applie e Configurat : Cards upgr	ed, with tion ID ade utility D	PA		_ 5
Schneider Ele mware Upgrade	ectric Netw e Remote Config	ork Management	e now appli e Configurat : Cards upgr	ea, with tion ID rade utility D	A		
Schneider Ele mware Upgrade Network Manag	ectric Netw Remote Config ement Cards (NW	ork Management guration	e now applie e Configurat : Cards upgr	ed, with tion ID rade utility D			
Schneider Ele mware Upgrade Network Manag IP Address	ectric Netw e Remote Config ement Cards (NM Card	ork Management guration	Cards upgr	ed, with tion ID rade utility D	Configuration ID	Firmware ID	_ E
Schneider Ele rmware Upgrade Network Manag IP Address (2010.216.134.49	ectric Netw Remote Config ement Cards (NM Card NMC Transverse	ork Management guration IC) UPS / STS Name unknown	Cards upgr	ea, with tion ID "ade utility D MAC Address 00-e0-d8-0d-6f-29	Configuration ID	Firmware ID IA	_ E Username MGEUPS
Schneider Ele mware Upgrade Network Manag IP Address (2) 10.216.134.49 (2) 10.216.135.136	ectric Netw Remote Config ement Cards (NM Card NMC Transverse Network Manage	ork Management guration IC) UPS / STS Name unknown MSTAR 30000	Cards upgr	ea, with tion ID rade utility D MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c	Configuration ID	Firmware ID IA AD	Username MGEUPS MGEUPS
Schneider Ele mware Upgrade Network Manag IP Address 10.216.134.49 10.216.135.136 10.216.134.48	ectric Netw Remote Config ement Cards (NM Card NMC Transverse Network Manage NMC Transverse	ork Management guration IC) UPS / STS Name unknown MSTAR 30000 MGE Upsilon STS 250 A	Cards upgr Cards upgr UPS / STS Lo Computer Room GMZ office Test area	ea, with tion ID rade utility D MAC Address 00-e0-d8-0d-6f-29 00-06-23-00-60-5c 00-e0-d8-0d-6f-2a	Configuration ID Access Control	Firmware ID IA AD IA	Username MGEUPS MGEUPS MGEUPS
Chneider Ele mware Upgrade Network Manag IP Address 10.216.134.49 10.216.135.136 10.216.134.48 10.216.134.48	ectric Netw Remote Config ement Cards (NW Card NMC Transverse Network Manage NMC Transverse NMC Transverse	ork Management guration IC UPS / STS Name unknown MSTAR 30000 MGE Upsilon STS 250 A MGE Upsilon STS	UPS / STS Lo Computer Room GMZ office Test area Computer Room	ed, with tion ID ade utility D 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	Configuration ID Access Control Access Control	Firmware ID IA AD IA IA	Lisername MGEUPS MGEUPS MGEUPS MGEUPS
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#### 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)
<u>e</u>	-	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