



Karta zarządzająca NMC do zasilaczy UPS EVER:

- NETLINE RT 1000 / 2000 / 3000
- POWERLINE RT 1000 / 2000 / 3000
- POWERLINE RT PRO 1000 / 2000 / 3000
 - POWERLINE RT 6000 / 10000
 - POWERLINE RT PLUS 6000 / 10000
 - POWERLINE 11
 - POWERLINE 31
 - POWERLINE DUAL 11/31
 - POWERLINE MULTI 11/31/33



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STANDARDOWA PROCEDURA AKTUALIZACJI FIRMWARE KARTY NMC

- 1. Umieścić kartę w gnieździe zasilacza UPS i dokręcić za pomocą śrubek.
- Połączyć port szeregowy komputera z kartą za pomocą kabla-przejściówki RJ45 na DB9, dostarczonej wraz z kartą.



KONFIGURACJA KARTY NMC ZA POMOCĄ PORTU SZEREGOWEGO

1. Na komputerze z systemem Microsoft Windows uruchomić

Start -> Programy -> Akcesoria -> Hyper terminal



W przypadku braku oprogramowania Hyper Terminal, można użyć bezpłatnego oprogramowania PuTTY, które dostępne jest na stronie www.putty.org.

2. Wprowadzić nazwę i kliknąć OK.

Connection Description
New Connection
Enter a name and choose an icon for the connection:
Name:
NMC
lcon:
冬 🗟 🗞 🗠 🔕 🗟
· · _
OK Cancel

3. Wybrać właściwy port szeregowy i kliknąć OK.

Network Management Card Properties	? ×
Connect To Settings	
Network Managemen	
Country/region: United States (1)	
Enter the area code without the long-distance prefix.	
Ar <u>e</u> a code: 2	
Phone number:	
Connect using: COM1	
Configure	
☑ Use country/region code and area code ☑ Bedial on busy	
OK Ca	ncel

4. Skonfigurować następujące parametry portu: 9600 bps (bitów na sekundę), 8 bitów danych, brak parzystości, 1 bit stopu, brak sterowania przepływem.

Następnie należy kliknąć OK.

COM1 Properties	?>
<u>B</u> its per second:	9600
<u>D</u> ata bits:	8
<u>P</u> arity:	None
<u>S</u> top bits:	1
<u>F</u> low control:	None
	<u>R</u> estore Defaults
0	K Cancel Apply

5. Wprowadzić domyślne hasło o treści "password", co spowoduje wyświetlenie się na ekranie menu konfiguracji karty NMC.

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1	Network	Management	Card	Configure	Menu		l
+======================================	========	===========	=====		======	 	======+
Password:**	******						

6. Aby wejść do menu konfiguracji agenta należy wprowadzić "1".

+=====================================
 IP Configurations Pass Through Reset Configuration to default Restart Restword Exit
Please Enter Your Choice ->

7. Wyświetlony zostanie adres IP 172.18.127.159.



Please Enter Your Choice :

AKTUALIZACJA FIRMWARE Z POZIOMU PRZEGLĄDARKI INTERNETOWEJ

Firmware składa się z plików rom.bin i image.bin.

W pierwszej kolejności należy wgrać plik rom.bin, a następnie image.bin.

1. Otworzyć przeglądarkę internetową, w polu adresu wprowadzić adres IP 172.18.127.159, co spowoduje wyświetlenie strony WWW.

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ddress http://172.18.127.122	1			Go Links
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	NETWORK MANAG	SEMENT CARD FOR UPS	Online Location: Office 28/09/2011 11:32:33	
UPS Monitoring	UPS Monitoring » UPS Status		Sm	help
UPS Status	UPS Status	Line) (
UPS Alarm	Input			
UPS Parameters	Voltage	226.5 V		
UPS Powered Devices	Frequency	49.9 Hz		
UPS Identification	Output			
IPS Management	Load(%)	0		
UPS Battery Test	Voltage	221 5 V		
UPS Battery Test Schedule	Eremienty	49.9 Hz		
SNMP TRAP Receivers	Current	0.04		
UPS Control	- Matt	0.54		
UPS Shutdown	Battery	0.00		
Shutdown Schedule	Status	Battery Normal		
Settings	Capacity(%)	100		
NMC System	Voltage	41.1.1		
Reboot System	Voltage	41.1 V		
Date and Time	Competitione	38.5 °C		
Email Notification	Seconds On Battery	US		
Firmware Upload	Backup Lime	20700 8		
File Management				
ogs				
UPS Log				
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2. Kliknąć znajdujące się po lewej stronie menu Settings⊡Firmware Upload, wprowadzić nazwę użytkownika: "root", oraz hasło: "password".

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🖉 Network Management Card		🟠 🕶 🔝 🗉 🖶 🕶 Page = Safety
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UPS Monitoring	Settings » Firmware Upload	
UPS Status		
UPS Alarm		
UPS Parameters		
UPS Powered Devices	Union de servicier en DOULine en interfacet	
UPS Identification	Opload a new firmware of ROM image into flash.	
UPS Management	Salact Image Sile :	
UPS Battery Test		
UPS Battery Test Schedule		
SNMP TRAP Receivers	Upload	
UPS Configuration		
UPS Control		
UPS Shutdown		
Shutdown Schedule	The server 172, 18, 127, 159 at Network Management	
Settings	Card requires a username and password.	
NMC System	Warning: This server is requesting that your	
Reboot System	username and password be sent in an insecure manner (basic authentication without a secure	
Date and Time	connection).	
Email Notification		
Firmware Upload	Username: 🛒 root 🗸	
File Management	Password:	
Logs		
UPS Log	Remember my password	
Event Log		
System Log		
	OK Cancel	

3. Kliknąć przycisk "Browse" i wybrać plik aktualizacji rom.bin.

Cik Extension Office 27 /007/2011 14:57:57 IPS Monitoring UPS Status UPS Atam Upload a new firmware Upload UPS Nameders Upload a new firmware or ROM image into flash. UPS Batery Test Schedule Settings - Fir Ware of ROM image into flash. UPS Status Upload a new firmware or ROM image into flash. UPS Status Upload a new firmware or ROM image into flash. UPS Status Upload a new firmware or ROM image into flash. UPS Status Upload a new firmware or ROM image into flash. UPS Status Upload a new firmware or ROM image into flash. UPS Status Upload a new firmware or ROM image into flash. UPS Status Upload on the firmware of ROM image into flash. UPS Status Upload on the firmware of ROM image into flash. UPS Status Upload on the firmware of ROM image into flash. UPS Status Upload on the firmware of ROM image into flash. UPS Status Upload on the firmware of ROM image into flash. UPS Status Image into flash. <td< th=""><th>🌈 Network Management Card</th><th></th><th>🏠 👻 🔝 🕆 🖃 🖶 🔻 Page 🕶 Si</th></td<>	🌈 Network Management Card		🏠 👻 🔝 🕆 🖃 🖶 🔻 Page 🕶 Si
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UPS Battery Test UPS Battery Test Schedule SMIP TRAP Receivers UPS Configuration UPS Shutdown Shutdown Schedule Setimps MMC System Date and Time Email Notification Fire Management Look jr: NMC Fireware (0.0.1.5 Y Recent Date and Time Email Notification Fire Management Loog UPS Log System Log Wy Decuments Wy Documents Wy Decuments Wy Documents Wy Network Place af time File Management Log Wy Decknet Wy Decknet Wy Decknet Wy Decknet Wy Decknet Wy Decknet Wy Network Places File game: You Computer Wy Network Places File game: File game: File ga (type:	UPS Identification		
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Files of type: All Files (".") Cancel		My Network File name: rom.bin	
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4. Aby rozpocząć aktualizację firmware należy kliknąć przycisk "Upload".

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UPS Battery Test			
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5. Po zakończeniu aktualizacji karta NMC zostanie uruchomiona ponownie.

🌯 nnc - HyperTerminal	X
File Edit View Call Transfer Melp	
Please Enter Your Choice :Got DHCP IPv4 address 172.18.127.159 on interface eth0	
IP Configure Menu	
MAC Address : 00:20:85:F7:00:19 1. IP address : 172.18.127.159 2. Subnet mask : 255.255.255.0 3. Gateway : 172.18.127.1 4. DHCP : Enabled 5. Primary DNS address : ::FFFF:172.18.121.17 6. Secondary DNS address: ::FFFF:151.110.232.21 7. IPv6 Configure 0. Return to previous menu Please Enter Your Choice :Download complete, writing to flash Firmware updated, guit the session to restart. Resetting the system in 2 seconds	
Connected 6:10:28 Auto detect 9500 8-N-1 SCROLL CAPS NUM Capture Print echo	

 Po pomyślnej aktualizacji pliku rom.bin i uruchomieniu karty NMC, użytkownik może przystąpić do aktualizacji pliku image.bin, postępując analogicznie, jak w przypadku pierwszego pliku.



7. Aby odświeżyć stronę należy kliknąć menu aktualizacji firmware, a następnie wprowadzić nazwę użytkownika i hasło.

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	NETWORK MANAGEMENT CARD FOR UPS	C1K Location: Office 27/09/2011 15:08:09	
UPS Monitoring	Settings » Firmware Upload		help
UPS Status			
UPS Alarm			
UPS Parameters	Image file uploaded successfully. System will reboot automatically in approximately 2 minutes.		
UPS Powered Devices	Connect to 172.18.127.159 ? 🔀		
UPS Identification	Upload a new firmware or ROM image into		
UPS Management			
UPS Battery Test	Select Image File :		
UPS Battery Test Schedule	The summer 172, 18, 107, 150, et. Materials Barray and		
SNMP TRAP Receivers	Card requires a username and password.		
UPS Configuration	Warning: This server is requesting that your		
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Settings	User name: 🗖 root 🗸		
NMC System	Passand		
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8. Kliknąć przycisk "Browse" i wybrać plik aktualizacji image.bin.

Aby rozpocząć aktualizację firmware należy kliknąć przycisk "Upload".

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9. Po zakończeniu aktualizacji karta NMC zostanie uruchomiona ponownie.

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<pre>*</pre>
Network Management Card Configure Menu +
Password:Checksum passed, writing to flash
Connected 6:19:24 Auto detect 9600 8-N-1 SCROLL CAPS NOM Capture Print echo

10. Zakończona zostaje procedura ponownego uruchamiania karty.



11. Numer zaktualizowanej wersji firmware wyświetlany jest w menu identyfikacji zasilacza UPS.

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UPS Alarm	UPS Model	C1K			
UPS Parameters	UPS Description				
UPS Powered Devices	Firmware Version				
UPS Identification	Network Management Card				
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UPS Configuration					
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