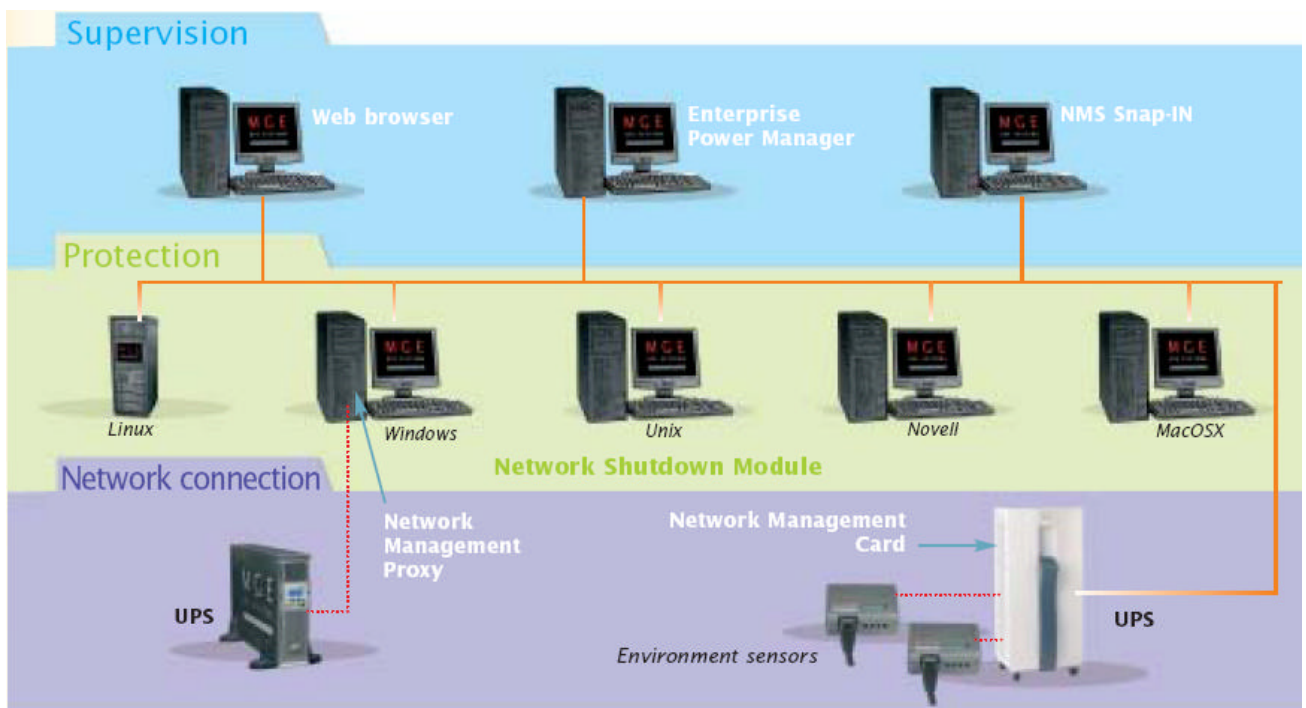# MGE UPS Communication

MGE UPS SYSTEMS has developed a comprehensive, simple and coherent range of products for power supply management for servers and other systems requiring power protection.

This range provides 2 main functions:
> connecting UPS systems to an IP network
> active supervision of the whole system.

APC
by Schneider Electric

Network Management Card

Network Management Card - 66074

Embedded management of UPSs protecting servers and networking equipment.

> Event logging: Pinpoint the timing and sequence of events leading up to an incident with the event log.
> Email Notification: Network administrators can solve problems remotely before they impact availability.
> Scheduling: Customize shut down and reboot of connected equipment and UPSs.
> Flash upgradeable firmware: Install maintenance releases of firmware remotely using FTP.
> Remote UPS management: Enable management of your UPS by connecting it directly to the network.

Network management card with MODBUS/JBUS - 66123

Embedded management of UPSs protecting servers and networking equipment.

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> Remote UPS management: Enable management of your UPS by connecting it directly to the network.

Network management Teleservice Card - 66124

Directly connect the UPS to a computer network, while simultaneously operating as a Web server and SNMP agent.

> Event logging: Pinpoint the timing and sequence of events leading up to an incident with the event log.
> Email Notification: Network administrators can solve problems remotely before they impact availability.
> Scheduling: Customize shut down and reboot of connected equipment and UPSs.
> Flash upgradeable firmware: Install maintenance releases of firmware remotely using FTP.
> 24-hour monitoring: Experienced remote monitoring professionals work non-stop to provide 24-hour monitoring of the company's physical infrastructure. As a second set of eyes, they help to diagnose problems before they become critical.
> Remote UPS management: Enable management of your UPS by connecting it directly to the network.

UPS Communication Cards

JBUS/MODBUS communication card - 66061

The JBUS/MODBUS communication card provides UPS and STS (Static Transfer Switch) data.

> Data Transfer: The card transfers data via MODBUS/JBUS standard protocol.

STS Web card - 66073

Upsilon/Epsilon STS can be monitored by the STS web card.

> Remote UPS management: Enable management of your UPS by connecting it directly to the network.

Utalk basic Acquisition card - 66063

The acquisition card is an optional part of the MultiSlot module. Using the proprietary U-Talk or Basic protocols (dry contacts), it acquires measurements, status information and alarms from the UPS and transmits the data to the I2C bus of the MultiSlot.

> UPS Status Checking: Continuously checks UPS status to verify current condition

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UPS Communication Accessories

Environment Sensor for Network Management Card - 66846

Environment Sensor (ES) monitors temperature, humidity, and the state of two contacts.

> Temperature monitoring - Changes in temperature are reported via the user interface or e-mail.

> Customizable input contacts - Monitor conditions from third party devices that have contact closures

> Humidity monitoring - Changes in humidity are reported via the user interface or e-mail.

Alarm relays electrician communication card - 66069

The card controls six output relays depending on the operating status of the UPS. It also receives signals on the two SELV inputs (this function is available only in programmable mode).

> Customizable input contacts: Monitor conditions from third party devices that have contact closures.

> Customizable Output Relays: Control the output from third party devices via output relays.

KIT Network management link - 66077

The Network Management Link kit allows connection of Galaxy 6000, 9000, EPS 6000, 7000, 8000 or Comet UPSs to the network.

> UPS Status Checking: Continuously checks UPS status to verify current condition

UPS Communication Accessories

2 Utalk / Basic ports communication card - 66060

Provides two communication ports that may be configured for Serial/RS232 Port (U-Talk) and Basic (AS400-type dry contacts).

➤Dry Contact inputs: User assignable inputs allow other equipment alarms to be monitored through the power system controller.

➤Serial connectivity: Provides management of the UPS via a serial port.

PowerServices™ TelPac - 66096

PowerServices ™ TelPac enables connection of one or more products to the MGE UPS SYSTEMS Teleservice center via an analog telephone line.

> 24-hour monitoring: Experienced remote monitoring professionals work non-stop to provide 24-hour monitoring of the company's physical infrastructure. As a second set of eyes, they help to diagnose problems before they become critical.

PowerServices™ TelPac GALAXY - 66097

PowerServices ™ TelPac enables connection of one or more Galaxy products to the MGE UPS SYSTEMS Teleservice center via an analog telephone line.

> 24-hour monitoring: Experienced remote monitoring professionals work non-stop to provide 24-hour monitoring of the company's physical infrastructure. As a second set of eyes, they help to diagnose problems before they become critical.

Multislot IEC – 66057
Multislot Australia - 66058
Multislot NEMA - 66071
Multislot DIN - 66055

Extension module for communications card.
> MGE UPS Extension Accessory: Expansion module for communication card.

UPS Communication Compatibility

		Galaxy 3000	Galaxy 4000	Galaxy 5000	Galaxy 6000	Galaxy 7000	Galaxy 9000	PW	1000PW	EPS 6000	EPS 7000	EPS 8000	Comet	Upsilon STS
JBUS/MODBUS Communication Card	66061	X	X	X				X	X					
Utalk Basic Acquisition Card	66063	X	X	X	X		X	X	X	X	X	X	X	
Alarm Relays Electrician Communication Card	66069	X	X	X				X	X					
Network Management Card	66074	X	X	X	X		X	X	X	X	X	X	X	
PowerServices™ TelPac	66096	X	X	X				X	X					
Kit Network Management Link	66077				X		X			X	X	X	X	
PowerServices™ TelPac GALAXY	66097				X		X			X	X	X		
Network Management Card with MODBUS/JBUS	66123					X								
Network Management Teleservice Card	66124					X								
Environment Sensor for Network Management Card	66846	X	X	X	X		X	X	X	X	X	X	X	
STS Web Card	66073													X
2 Utalk / Basic Ports Communication Card	66060	X	X	X				X	X					
Multislot DIN	66055	X	X	X	X		X	X	X	X	X	X	X	
Multislot IEC	66057	X	X	X	X		X	X	X	X	X	X	X	
Multislot Australia	66058	X	X	X	X		X	X	X	X	X	X	X	
Multislot NEMA	66071	X	X	X	X		X	X	X	X	X	X	X	

APC by Schneider Electric