MITSUBISHI ELECTRIC

NetCom Features

The NetCom hardware adapter runs an embedded Simple Network Management Protocol (SNMP) software agent. This agent responds to SNMP GETs and SETs and, also, forwards TRAPs to designated recipients when critical conditions occur to the UPS—such as going on battery backup.

The NetCom features:

- **Remote UPS status monitoring** - Monitors a remote UPS system using a RS232 Cable to the NetCom for one UPS system to a remote workstation (NMS) through an Ethernet connection.

- **Web Card** – Able to assign an IP to your UPS system to monitor and control the UPS system from anywhere around the world.

- **SNMP adapter** – Ability to turn the UPS system's protocol into Simple Network Management Protocol (SNMP) software agent and enable SNMP traps.

- **Remote Control** - Sends control instructions to the UPS, such as turn the UPS inverter off.

- **SNMP Viewer** – Unique Mitsubishi design that color coordinates SNMP messages that informs the NSM about all current UPS alarms.

- **SNMP Viewer Plus+ -** All critical alarm codes have direct hot links to the IP address of each UPS system on the network. This management tool uses the web card to monitor all alarms and have the ability to react to them in a timely fashion.

- **Send Shutdown Signal to Networked servers** - Can send a shutdown signal to servers connected via the Ethernet network.

- **Contact Information –** Ability to list the contact information of the on-site manager for each IP address.

- **Battery and Service monitoring –** Ability to monitoring the battery life and servicing details of the UPS.

- **NMS To Receive UPS Alarms -** These TRAPs (unsolicited messages) inform you about the power condition of your UPS.

- **Works with all major NMS systems on Ethernet -** NetCom works with the most widely used Network Management Systems: HP Open View, Novell Manage Wise, Sun NetManager, IBM NetView, and many more.

Example Network with NetCom

A typical installation of NetCom monitoring an UPS system on an Ethernet network follows in the next illustration. The NetCom adapter communicates with the UPS to inform you of your system's power condition.
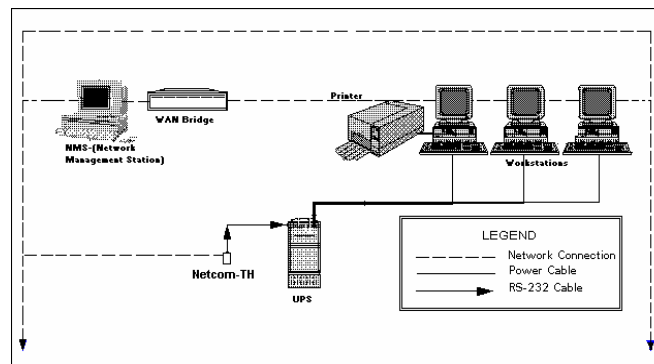

Figure 1 NetCom Monitoring an UPS on EtherNet