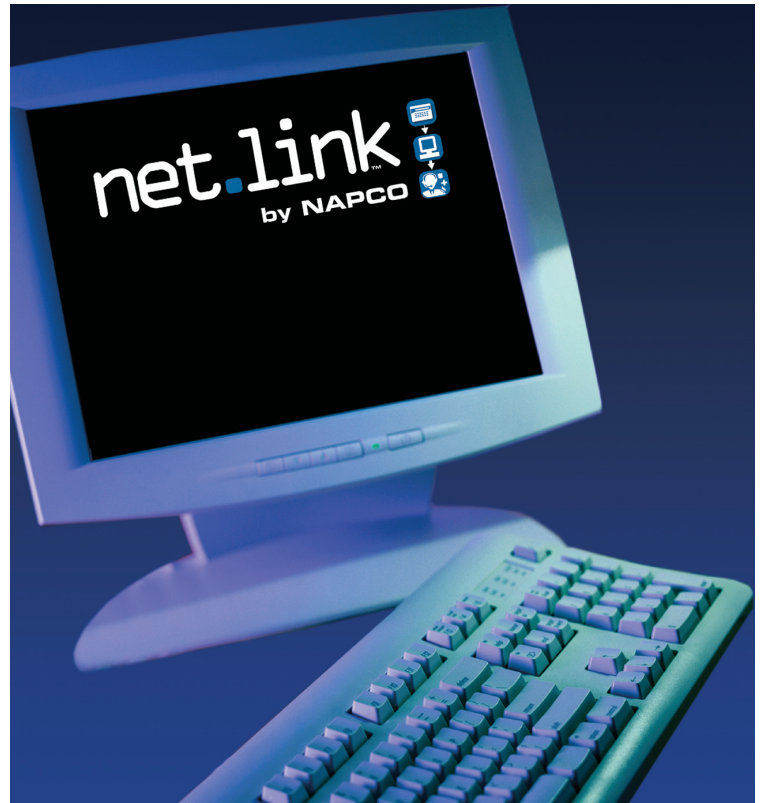


# NetLink: Internet/Intranet Alarm Reporting



- Provides primary and/or backup reporting of alarms over a TCP/IP based network and/or telephone lines (telco)
- No dedicated central station receiver required; uses Napco NetLink CS Software Application – *ideal* in security office or guard station
- Receive alarms, status and supervisory data via internet or intranet
- Dynamic IP addressing and encryption for data security & integrity
- Supports network-based automation routines
- Easy archiving & review of event histories by account
- Download panel program-updates or upload logs via intranet or campus WAN

The NAPCO NetLink System enables Napco Gemini GEM-P816, 1632, 3200, 9600 and X255 Hybrid Panels to report alarms and status over the Internet or a local intranet (providing primary or backup reporting), using a programmable NetLink Panel Module and Windows-



based NetLink Software (NL-CSRCV) on a standard PC (no dedicated central station receiver required).

With NetLink Software (NL-CSRCV) the PC is virtually transformed into a remote monitoring receiver, saving equipment costs, while securely receiving encrypted alarm data sent from the NetLink Panel Module thru a TCP/IP network. Plus, the NetLink Software supervises each NetLink Module, receives alarms and easily enables a security office, for example, to view alarms in real time, as well as reviewing event history (openings/closings) and managing data by account. The software can also be used to route events to an automation system. Furthermore, Napco Panels' PCD-Quickloader Software can support panel program downloading through the intranet or a corporate WAN, in addition to the uploading of logs and other data.



Manufacturing great security products is all we do. It's that simple.™

## PRELIMINARY SPECIFICATIONS:

### NETLINK PANEL MODULE (NL-MOD):

The PC-configurable NAPCO NetLink™ NL-MOD enables reporting of alarms over a TCP/IP based (Intranet or Internet) network. Alarm reporting, previously via telephone lines/telco only, can now be communicated over both a TCP/IP network and/or Telco, or via the TCP/IP network as a backup. The NL-MOD module is connected to the on-board serial port of the GEM-X255, GEM-P3200 and GEM-P9600 NAPCO GEMINI Control Panel, or is connected via the bell and PGM wires from the GEM-P1632, GEM-P816, NAPCO Express and other control panels.

**NetLink Central Station Receiver Application (NL-CSRCV)**  
The NetLink Software, NL-CSRCV, is a Windows-based application that is designed to act as a remote monitoring receiver. In place of receiving alarm data through a telephone line, the NL-CSRCV application receives encrypted alarm data sent from the NL-MOD through a TCP/IP network. The NL-CSRCV software can supervise each NL-MOD, receive alarms, provide a means of maintaining accounts and provide a means of displaying alarms and event history (opening/closing, etc.). The NL-CSRCV could be used to display alarm events locally or can be used to route events to an automation system. For more information, see the NL-CSRCV User Guide OI294.

### NL-MOD SPECIFICATIONS:

**Dimensions:** 1 1/2" x 7" x 3 3/4" (HxWxD)

**Input Voltage:** 13.0-10.0VDC.

**Input Current:** Maximum current (@8 VDC) = 100mA, nominal current (@12VDC) = 80mA (supplied by control panel connections). Available panel combined auxiliary current is reduced by 100mA.

**Outputs:** PGM-style open collector (negative trigger) with a maximum sink current of 50mA.

### NETLINK UL TRANSIENT PROTECTION (NL-ULBD):

The NL-MOD includes electromagnetic protection and meets direct and indirect ESD requirements for Information Technology equipment, however, some UL burglary applications may be supported with the addition of an optional accessory, part no. NL-ULBD. The NL-ULBD is a small PCB device which gives added transient protection and mounts entirely within the standard NL-MOD housing.



The NL-ULBD protects the NL-MOD from significantly larger transients and surges which may emanate from the network cable or associated devices. It is connected in series between the Ethernet cable that provides network access and the RJ45 connector in the NL-MOD.

## SYSTEM REQUIREMENTS:

### System Hardware Requirements:

- Compatible Gemini Control Panels GEM-X255, GEM-P3200 and GEM-P9600; GEM-P1632, GEM-P816 (check WI for exact firmware version)
- Standard 6 conductor modular RJ12 Cable, 1 foot in length (provided). Required for full zone reporting/downloading.
- Access to the local area network.
- A standard CAT5 network cable for connection to the LAN

### PC Requirements for Software (NL-CSRCV):

- Windows® XP Professional installed on a dedicated PC
- Intel® Pentium® 4 (2GHz processor or faster) with at least 512 MB RAM.
- Hard drive space 20GB or higher.
- NAPCO Tested and certified using a Dell™ Dimension™ Series 2400 & 4400 PC. (For other models, contact Napco Technical Support.)
- Network Card requirements: 100 BaseT Ethernet.

*Note: Not supported - Hyper-Threading technology, Dual Processors and Windows® XP Themes.*

## ORDERING INFORMATION:

**NL-MOD** NetLink Panel Module

**NL-ULBD** UL Burg. application, transient protection PCB for installation in NL-MOD housing.

**NL-CSRCV** Central Station Receiver Application Software for use in standard PC.

**NL-CSRCV/PC** Above, preinstalled and configured in turnkey computer system. (Call for PC specs or special requirements.)

**NL-MODCONFIG** Download software utility for initially programming/configuring Panel Module.

**PCD-WINDOWS** Napco Panel Up/Downloading Software (version 4.4 or greater)



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**NAPCO Product Availability Hotline** – Call our Stock-Out Hotline at 1-800-645-9330 Press 1 then 2.  
Or email us at [hotline@napcosecurity.com](mailto:hotline@napcosecurity.com)