

NetLink by Napco: Alternative alarm reporting and VoIP solution



Faced with the absence and/or uncertainty of traditional telephone company telco /land lines, with the popularity of VOiP internet telephone usage, Napco has developed two alternative alarm panel NetLink internet reporting modules. For use in new and retrofit applications, they communicate alarms over the internet or intranet over a TCP/IP based network, securely using dynamic IP addressing, and can be used for primary and/or backup reporting. There is a NetLink Module for use with Napco panels and/or any brand alarm panel with receivers from PCs running NetLink software to UL-Listed, rack-mounted receivers for more stringent monitoring offices.

Reporting via net:

Napco NetLink Module, **NL-MOD**, will allow Napco Gemini Panels, from the P816 thru the X255, to fully, securely communicate alarms, status, supervisories, etc., pinpointed "by zone" over the internet to the central station's PC running NL-CSRCV Central Station application software or NetLink TCP/IP UL Receiver(s) NL-RCV-RMPCUL, below), using secure, NIST/AES 128bit encryption. At the central monitoring office, the panel module source is immediately received, authenticated as a valid account, and its alarm reports decoded and sent to awaiting CS operators for disposition. (NL-MOD is initially set using **NL-MODCONFIG**, a download software utility for programming/configuring the panel module.)



Similarly, the **NET-COMM** Module supports any brand system's alarm reports over the net. However, NET-COMM is an economy communicator, driven directly by the alarm panel, or alternate device. Again, ideal where conventional telco reporting is not available, it supports 5 channel reporting codes, communicating, for example: alarms, panics, fire, telco failure, low battery, etc. (NET-COMM is also initially set using NL-MODCONFIG, a download software utility for programming/configuring the panel module.)



Receiving via net:

For non-UL central station applications and/or LAN Intranet campuses

Napco's NetLink™ NL-CSRCV Windows-based software receives reports on a standard PC, providing cost-effective, secure internet alarm reporting without requiring the purchase/maintenance/upkeep of a traditional, old-fashion proprietary receiver. It makes getting onsite alarm reports at a security office quick and convenient, and transforms their standard PC into an alarm report receiver, locally displaying alarms, event history (open/closes), etc. Receiving alarm reports via internet/intranet can save thousands of dollars versus traditional T1 phone line costs. NL-CSRCV even allows high-speed downloading via campus LAN & supports network-based automation routines. (Optionally, for a turnkey solution, NL-CSRCV/PC is the software, above, preinstalled & preconfigured on a compatible computer system.)

Receiving via net:

For UL central station receiver applications

NL-RCV-RMPCUL

Napco's UL864/UL1610-listed NetLink™ Receiver is an advanced, rack-mounted receiver enabling cost-effective, secure internet alarm reporting designed to address the increasing need for UL



central stations to adopt new receiver technologies to combat the widespread adoption of Voice-over Internet Protocol (VoIP) services, i.e., in place of traditional telco services. While in full compliance with UL Central Station applications, requiring primary and mirrored, backup receivers, two (2) NetLink UL Receivers can be installed at the same cost as a single traditional receiver. Both NetLink TCP/IP UL Receivers interface with the conventional CS automation system and are simply connected to each other with a network crossover cable, where the secondary mirrored receiver serves as a Hot Backup, duplicate receiver. NetLink UL TCP/IP Receivers feature two modes of operation, Automatic Mode, where alarm signals are sent normally to the automation system for processing, or Manual Mode, used when direct operator interaction is desired, accomplished thru an easy, menu-driven keypad-style alphanumeric interface on the face of the receiver. Listed for UL864 (Control Units for Fire Protective Signaling Systems) and UL1610 (Central Station Burglar Alarm Units).

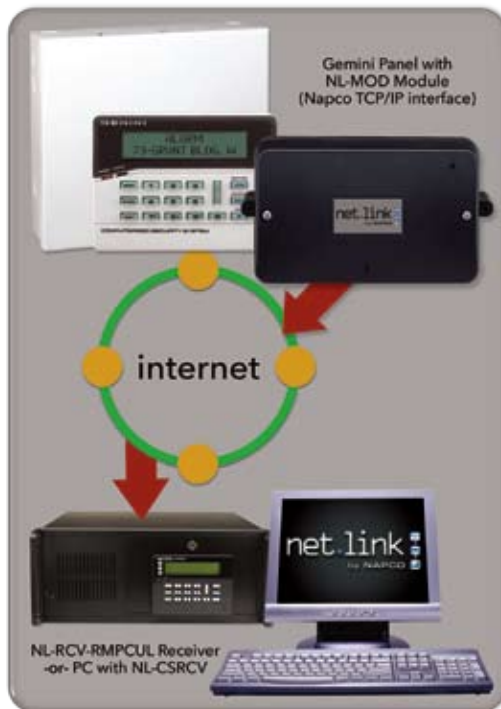
Put campus, retail or private security staff directly online with their security system using their standard PC and intranet/internet plus slash T1 phone costs



Transform an account's security office's standard PC into an onsite alarm monitoring receiver using campus or retail intranet

- Ideal in a guard station for fastest dispatches. Uniquely, NO dedicated central station receiver required; uses a PC with Napco NetLink CS Software (NL-CSRCV).
- Using the internet or their own intranet, instead of phone lines for alarm reporting, can save thousands of dollars in traditional T1 phone line costs. Saved security budget dollars can be better spent on your other service & upgrade offerings
- Configure NetLink for primary and/or backup reporting of alarms over a TCIP/IP based network and/or telephone lines (telco)
- Napco Gemini Security Systems with NetLink module sends encrypted alarm data by zone (alarms, status, supervisories) through TCP/IP network, securely with dynamic IP addressing.
- Allows high-speed downloading via campus LAN; supports network-based automation routines. (Napco panel up/downloads require PCD-WINDOWS panel software, version 4.4 or greater.)

Receiving pinpointed alarm reports as they happen enables them to achieve fastest possible security dispatches optimizing your customer service.



NL-MOD SPECIFICATIONS:

Dimensions: 1 1/2" x 7" x 4 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.

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-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, pause, then 2.
Or email us at hotline@napcosecurity.com