



Remote Network Monitoring

LONWORKS[®] Applications and nodes can be monitored and controlled remotely over telephone lines or other available media by means of common Publicly Switched Telephone lines. The systems can then be connected to a central location or locations throughout the system.

Because the NCB[™] Network Combiners contain LONWORKS router technology, the connection is transparent to network traffic. Message Packets do not require special attention or custom programming to connect the network to the central site.

This allows developers, installers and remote system owners to understand and influence the actions of their networks at critical times from convenient places at the cost of only a phone call rather the cost associated with travelling to the site.

To perform this network extension, install NCB[™] telephone routers at each end of the link. These may be the NCB /IM[™]-Telco for US, UK and Canadian phone lines or the NCB/EM[™] International for phone lines outside those areas. The modules transmit data using LONTALK packets over telephone lines, performing the transmission and maintaining the connection.

The connection between the two NCBs[™] can be via either dial-up connection or leased line when a permanent connection is required.

This is an excellent way to reach control networks where other connectivity means do not now exist. Phone lines are available for this connection almost everywhere.

Potential Users:

- Factory Automation
- News Agencies
- Test Sites
- Laboratories
- System Integrators
- Equipment Manufacturers
- Military Depots
- Distribution Depots

Suggested Architecture

