Application Guide

Access Control Systems

LONWORKS® -based Access Control systems can now be connected with relative ease to a master security monitoring station. The Access Control system then can be locally and remotely monitored, reprogrammed and maintained without expensive field service trips.

By installing NCB™ Network Combiners by CTI Products, Inc. in controlled access sites, they become instantly available for monitoring, control and network management. The central control station can be provided with both full-time and dial-on-demand access to local and remote sites. This maximizes the system's functionality while reducing the number of more costly leased phone lines. Yet, it maintains the required level of systems management at lower-usage sites.

The advantage of using NCB modules is that different communication media can be linked to provide one integral network. As well, the NCB 's can be configured for repeater, configured or custom mode to perform various functions. This combination provides the security service improved ability to secure the site or many sites.

Since all NCB™ Network Combiners use LONWORKS router technology, network transparency is assured. Everything that can be done at a local network can be done over the telephone link between NCB Network Combiners.

The accompanying illustration shows how integrated Access Control Network is linked by NCB ™ Network Combiners over a combination of leased and dial-up phone lines.

Potential Users:

- Card Access Systems
- Intelligent Key Systems
- Intrusion Alarm Systems
- Fire Alarm Systems
- Medical Facilities
- Office Buildings
- Office Complexes
- Military Facilities
- Government Agencies

FOR MORE INFORMATION CONTACT:

Engenuity Systems

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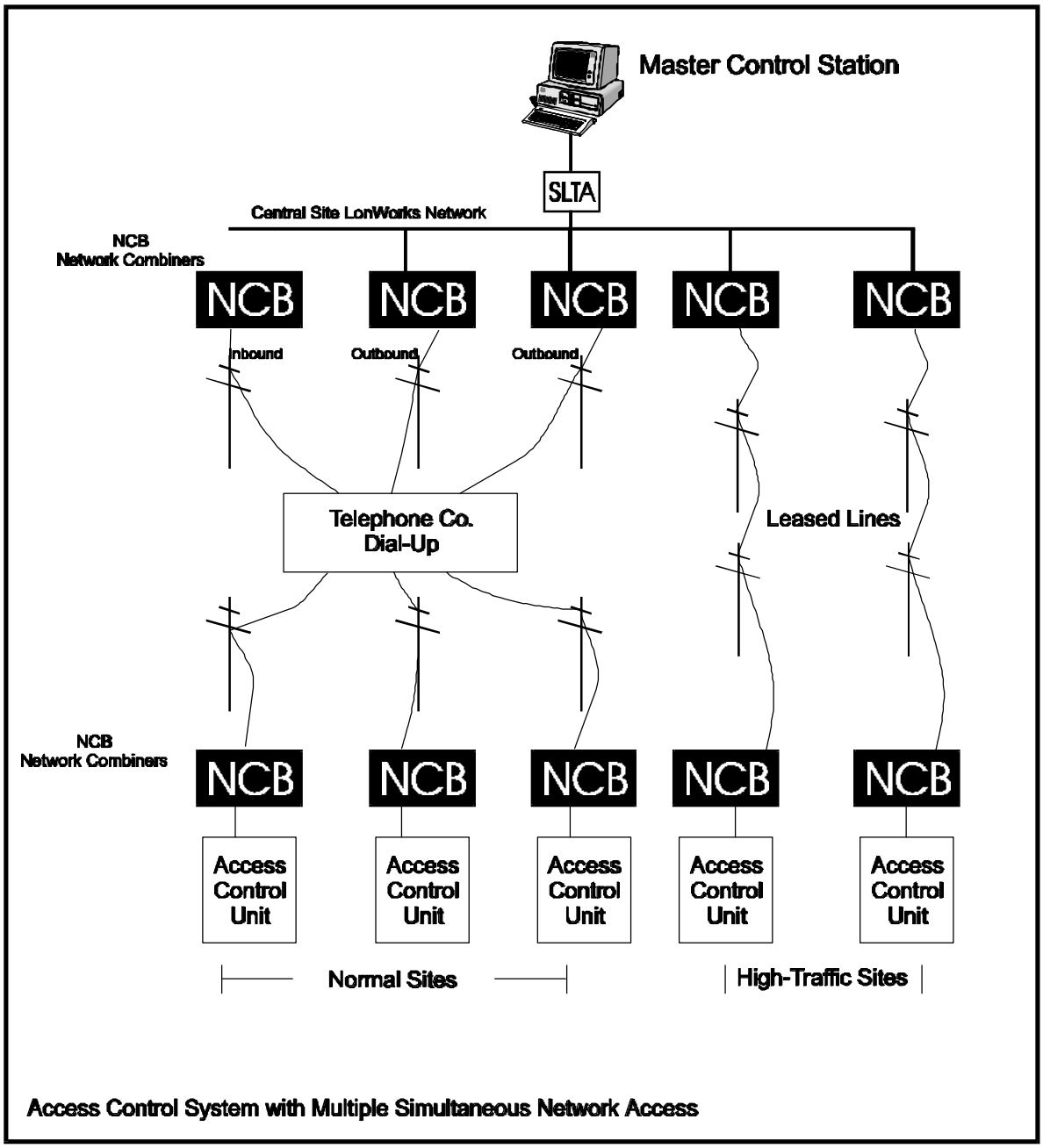
Suggested Architecture



Access Control System with Multiple Simultaneous Network Access

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