



Mindshare NXIP Gateways provide direct digital IP communication between Mindshare Console Systems and Kenwood NEXEDGE® Radio Systems. These gateways implement Kenwood’s NEXEDGE® IP Console Interface (NXIP) specifications for direct communication with NEXEDGE® systems.

Mindshare NXIP Gateways handle all NXIP specifics, including voice compression and decompression (vocoding), for the console system allowing console positions to function as part of the console system in a regular fashion without requiring special modifications to communicate with the NEXEDGE® Radio Systems.

BENEFITS

- Totally Digital Audio Path from Microphone to Speaker.
- No per-console licensing fee and no limit on the number of consoles allowed.
- Redundant server operation is supported for mission critical scenarios.
- Server support for additional simultaneous calls is field upgradeable.
- The very latest version of the DVSI AMBE+2™ algorithm for best audio quality.
- Linux based system for ultimate reliability and up-time.
- Web interface for setup and control allowing for the easiest possible configuration.
- Industry leading pricing and value.

FEATURES

- Group Calls
- Individual Calls (Console Position <-> Subscriber)
- Emergency Alarming and Remote Termination
- Subscriber Stun and Revive
- Call Alert (Paging Call)
- Remote Monitor
- Status Messaging
- Status Query
- Over the air aliasing (console and subscriber)
- GPS Location
- Kenwood Scrambler Encryption and Key Selection

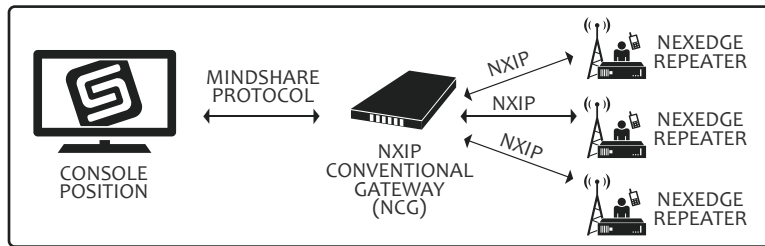


ARCHITECTURES

Mindshare NXIP Gateways are available in two forms to meet the needs of two different system topologies. The Mindshare NXIP Conventional Gateway (NCG) is used to interface with a NEXEDGE® Conventional Radio System (CRS) while the Mindshare NXIP Trunking Gateway (NTG) is used to interface with a NEXEDGE® Trunking Radio System (TRS).

CONVENTIONAL

A single NCG instance provides direct IP access to any number of NEXEDGE® repeaters.

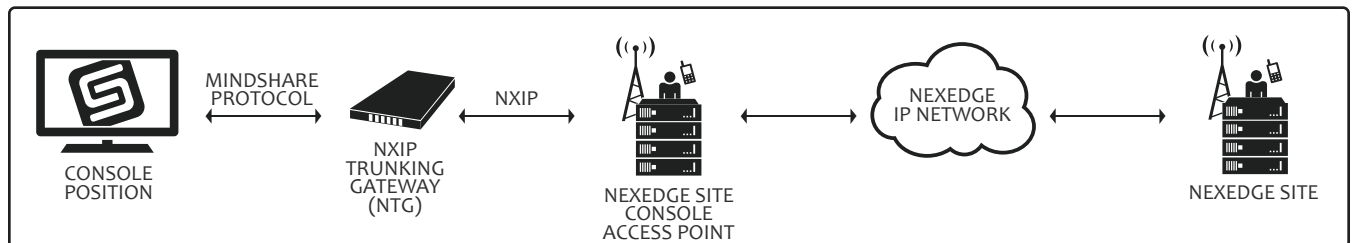


TRUNKING

A NTG provides direct IP access to a single TRS regardless of the TRS generation.

1st Generation TRS

When connecting a NTG to a 1st generation NEXEDGE® TRS, the gateway interfaces with a single site in the TRS. More specifically, it is pointed at one of the repeaters at a site in the TRS. This repeater acts as the console system's access point to the TRS.



2nd Generation TRS

When connecting a NTG to a 2nd generation NEXEDGE® TRS, the gateway interfaces with an IP Gateway in the system. This gateway acts at the console system's access point to the TRS.

