

Land Mobile Radio Interoperability Solutions

Featuring Industry Leading Console Systems

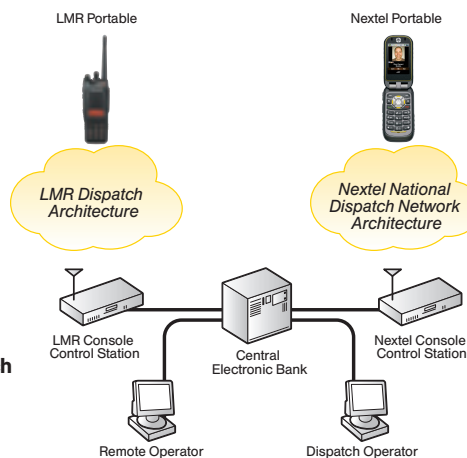
Organizations that rely on real-time emergency dispatch communications need reliable, scalable and flexible communications solutions. Nextel's Land Mobile Radio (LMR) interoperability solutions complement existing LMR systems by minimizing the operational challenges faced every day.

- > **Dispatch Operations Consolidation** – Incorporate less-critical (logistical, inspection, prevention, public works) operations into your dispatch center.
- > **Frequency Conservation** – Off-load non-critical communications, freeing up your LMR channels for first responders that need them most.
- > **Cost-Effective Coverage and Capacity Enhancements** – Augment your private system's coverage where and when it makes most sense.

As the number of radio users and functional demands on the network increases, LMR system owners must upgrade, replace or augment their existing system. However, many of these organizations lack the resources and/or funding to completely revamp a system that they rely on daily. Instead, they need a cost-effective, interoperable solution that compliments their existing network and provides extended features, functionality and scalability.

The robust and secure Nextel network serves as the ideal solution to compliment your existing LMR network. The combined Nextel-LMR network delivers an integrated and interoperable system, while maintaining each individual network's unique strengths. Serving as either the ideal supplemental or complimentary system, the Nextel network delivers the interoperability, coverage, capacity, and reliability that your organization needs now and in the future.

Example of how an LMR system would interoperate with Nextel devices. Both Simul-Select & Patch capabilities are in this example.



Operational Efficiencies

Consolidation of Dispatch Operations

Cost-effectively extend the reach of your dispatch operations nationwide, while including less-critical workers who may not have access to expensive LMR. Console operators can dispatch Nextel users the same way they dispatch LMR system users.

Conservation of Private Radio Frequencies

Putting Nextel dispatch services in the hands of less critical personnel effectively conserves a very limited resource – private radio system frequencies.

The overall result is increased private and group call capacity and an expansion of dispatch operations.

Enhanced Communications Coverage

Nextel's secure voice and data service is available nationwide in 198 of the top 200 markets.

In addition, during emergency situations mobile SAT COLTS can quickly be deployed in areas where cell coverage is not available thereby instantly expanding the network.

Nextel Connectivity

A single Nextel control station can be used to communicate with multiple talkgroups or individuals. If more than one Nextel talkgroup or

individual needs to be contacted simultaneously, multiple Nextel control stations can be employed. For console systems that don't offer full support of the Nextel radio protocol, the Nextel control station(s) can be connected using the console's basic conventional "local control" interface.

Features

- > Now Certified with Telex, Zetron and IPC (formerly Orbacom) Systems
 - Full support of Nationwide Direct Connect
 - Economical, scalable architecture
 - Intuitive Graphical User Interface
- > Also Certified with Motorola CENTRACOM Gold Elite Console Systems
- > Nextel's network becomes a true extension of a customer's private radio system
- > Nextel subscribers are dispatched just like Land Mobile Radio Users
- > Voice recording and activity logging are extended to Nextel subscribers
- > Instant nation-wide communication coverage through our digital Direct Connect feature.
- > Group Connect and Talk Group allow one-to-many and many-to-one communications
- > One network, two separate network paths – one for Direct Connect, and a totally separate path for cellular calls.

Benefits

- > Affordable overlay network that promotes interoperability between different agencies and organizations
- > Improved efficiencies through centralized management of field and mobile personnel
- > Leverage investment in existing systems and extend life cycles
- > Streamline staff communications by eliminating the need for multiple communications devices
- > Cost effective – One handset for dispatch and interconnect calls
- > Reduce issues surrounding frequency spectrum management
- > Reduce the on-going costs of 2-way radio communications systems maintenance and expansions
- > Scalable network that supports both voice and data applications

Customer Care

- > Full console system integration and support provided by the console manufacturers
- > Nextel offers customized training solutions and services to develop, enhance, and maintain the skill levels of your personnel
- > Dedicated Nextel Public Safety Customer Care Center

Why Nextel?

Nextel National Network

Largest guaranteed all-digital Trunked wireless network

Network Reliability

One handset – two separate network paths; one for dispatch radio calls and another for cellular calls

Digital wireless packet data network

National, state-of-the-art "always on" digital mobile IP Network

Data Applications

Nextel handsets are Java enabled and support GPS applications as well as access to criminal justice information through products like Voyager Query

Nextel® Direct Connect™

Nextel offers 2-way walkie-talkie service that lets you get right through, coast-to-coast.

Nextel® Group Connect™

Nextel now offers instant nationwide group communications