



EMERGENCY TELEPHONE SYSTEM BOARD OF DUPAGE COUNTY STARCOM21

STARCOM21 Overview

Motorola is proud to offer STARCOM21 as an interoperability solution for DuPage County ETSB, providing communications access between state & local public safety and public service agencies. The STARCOM21 network is a 700/800 MHz ASTRO 25 Digital P25 Trunked Radio system blanketing the State of Illinois. According to specifications established by the State of Illinois, Motorola will build, own, operate, and maintain this state-of-the-art network. In addition to the State of Illinois specifications, Motorola will incorporate specifications requested by DuPage ETSB into the STARCOM21 Network's foundation.



The DuPage County ETSB STARCOM21 system provides the following:

- + The creation of a new DuPage ETSB STARCOM21 simulcast cell through the expansion of four existing STARCOM21 sites and the development of four new STARCOM21 sites
- + 18 FDMA channels (17 talkpaths) to support an anticipated 2,700 DuPage County subscriber units
- + A managed services solution – Motorola owns and operates the network.
- + DuPage ETSB retains and manages its own Frequencies and Talk Groups.
- + True interoperability at a local, county and state-wide level.
- + Guaranteed coverage of 12db in-building county-wide.
- + Guaranteed 2% grade of service.
- + Seamless roaming throughout the State of Illinois.
- + 24 x 7 system monitoring and service support.
- + Maximize resources by sharing common networking equipment & tower sites.
- + Ability to expand coverage and capacity to meet DuPage ETSB's needs.
- + Use STARCOM21 State Contract for purchasing.
- + All system upgrades are included in monthly air time contract.
- + APX 7000 multiband subscriber units to meet DuPage County's current and future (P25 APCO Phase 2 TDMA) communications needs.
- + MCC 7500 Dispatch Consoles
- + NiceLog Digital Voice Recorders with access via remote workstations and LAN/WAN with the benefits of system administrator convenience and protection from unauthorized tampering.

