



CONNECTICUT TELECOMMUNICATIONS SYSTEM FIRST NETWORK IN THE UNITED STATES DEVOTED EXCLUSIVELY TO PUBLIC SAFETY

Adesta designed, installed, tested, and now operates and maintains a digital microwave communications network for the State of Connecticut. The Connecticut Telecommunications System (CTS) supports not only a statewide mobile radio system, but also internal voice, video, and data communication at a substantial savings over a leased network. This system is the first network in the nation devoted exclusively to public safety.

The network is supported by a digital microwave backbone and network management system. The network incorporates tower sites around the state, and was constructed to allow for alternate routing in the event of equipment failure.

Adesta performs 24/7 network management and maintenance of all microwave equipment and also operates the CTS help desk. This service assists state troopers and dispatchers with troubles ranging from light bars and sirens on cruisers to phone systems in the troop barracks.

The system includes an emergency and disaster recovery feature that keeps the network on the air with emergency mobile units. These mobile units, with digital microwave equipment and satellite uplinks, can fill in for specific sites and regions that may be temporarily offline. The mobile units can also be used to quickly establish a new site and command center to maintain communications during any incident, event, or emergency.

The Department of Public Safety, which commissioned the project, believes the network brings increased safety to the statewide population and to the state troopers in the field. State police and other safety agencies can dispatch public safety forces more efficiently under both normal and emergency conditions.

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