

US Department of Transportation
Intelligent Transportation Systems
Next Generation 9-1-1 Initiative: Concept of Operations

Working closely with the 9-1-1 stakeholders and industry, the NG9-1-1 Initiative, funded by the Intelligent Transportation Systems program, will produce a national architecture and deployment plan for the next generation of the 9-1-1 system (or *system of systems*); enabling access to the 9-1-1 network with most communication devices.

Telecommunications and 9-1-1 users and providers were recruited to become actively involved in the process of determining operational policies and user requirements for an Internet/multimedia-capable 9-1-1 system.

The NG9-1-1 Preliminary Concept of Operations (ConOps) is a formal document that provides a user-oriented vision of NG9-1-1 within the context of an emergency services internetwork that can be understood by stakeholders with a broad range of operational and technical expertise. It is intended to communicate the vision of this system to stakeholders so that they can be actively engaged in its development and deployment. It also serves as the foundation for the development of the NG9-1-1 requirements and to drive the design of the overall system.

The NG9-1-1 system will be operationally defined. Based on this preliminary "ConOps" document, a variety of strategies will be used to develop user requirements for the NG9-1-1 system.

A design team/consortium will be tasked with completing a high-level architecture and a migration plan that can guide the transition from the present 9-1-1 system to the next generation of 9-1-1. The ConOps document will be updated throughout the NG9-1-1 Initiative effort, as the thinking related to the implementation of NG9-1-1 capabilities becomes clearer and more precise. It is expected that under procured work to design NG9-1-1 applications, this document will be used as supplemental information, and will be revisited and refined into a more comprehensive NG9-1-1 ConOps document.

The final documents, with a target deadline of 2008, will be made available to the public, and can serve as the basis for NG9-1-1 deployment plans.

You'll find the Preliminary Concept of Operations document at:

http://www.its.dot.gov/ng911/next_gen_911_sys.htm

- NG9-1-1...It's Not Just Telephones Anymore -