PROJECT GOAL:

To provide a statewide, fully-redundant, fail safe, IP-enabled, state-of-the-art 911 system for providing 911 services to the citizens of the state of Minnesota.

PROJECT STATUS:

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<td>Phase 1: Call Transfer Interoperability</td>
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<td>Phase 2: IP Network to Selected PSAPs</td>
<td>ONGOING</td>
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<td>Phase 3: IP Network to Every PSAP</td>
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Phase 1 Call Transfer Interoperability has been a major success. PSAPs may now transfer calls from any PSAP in Minnesota to any other PSAP in Minnesota with no loss of caller location information. Since October 2010, the NG911 Phase 1 Call Transfer Interoperability system has transferred over 20,000 911 calls between IES and Qwest with an average of 100 calls transferred per day.

Phase 2 is just beginning. Phase 2 of the project will provide a redundant broadband IP connection to selected PSAPs in Minnesota. This IP network will replace TDM CAMA trunks and serial ALI data circuits along with legacy Selective Routers without compromising or changing any function of current legacy CPE. ECN is currently finalizing network architecture details for NG911 Phases 2 and 3 with our NG911 general contractor, Qwest.

A successful Phase 2 will ensure seamless migration and cutover from legacy 911 to NG911 for the rest of Minnesota’s PSAPs during Phase 3 of the project.

DO YOU NEED NEW CPE FOR NG911?

It is the State’s intent that all legacy CPE systems are able to connect to the NG911 IP network.

The Minnesota NG911 network will be designed to interconnect to all legacy 911 CPE systems. Because the network will present a legacy 911 interface to legacy CPE and a next-generation IP interface to next-generation CPE, no “forklift” upgrades will be required to connect to the Phase 2 and 3 NG911 IP network.

However, implementation experience in other states has some minor adjustments are necessary to interconnect certain models of 911 CPE to an NG911 IP network. These conditions will be identified during pretesting and will be resolved prior to migration. The State and Qwest will work with PSAPs to mitigate any integration issues that are identified.

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More information about this project is available at: http://dps.mn.gov/divisions/ecn