

Kansas NG911

Position Paper for Disparate Systems

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Executive Summary

Kansas NG911 is intentionally designed to integrate with and be compatible with disparate systems through legacy tandem transfers and NENA Next Generation ESINet standards. Intra-state standalone legacy systems will retain the current level of capability to conduct tandem transfers. The design of Kansas NG911 does not contemplate the direct integration of these untrusted systems into the statewide system network.

Kansas NG911 was designed to serve a network of PSAPs in a closed, secure environment and add PSAP call taking positions onto the hosted IP network as PSAPs are ready. These PSAPs will be immediately extended the benefit of a statewide ESINet platform. These features include statewide, roaming PSAP to PSAP logon, statewide mapping, and the benefits of text-to-911 as it becomes available, as well as Next Generation features such as spatial call routing functionality and nationwide ESINet connectivity.

Any Next Generation system desiring to interconnect with Kansas NG911 will be interconnected for data and voice sharing via National ESINet connectivity. Any such system must provide its own Next Generation feature set, and will be interconnected only for data and voice sharing, not for Next Generation services. The owner of such system will be responsible for all costs associated with connecting to the National ESINet.

Introduction

The Kansas 911 Coordinating Council has signed an exclusive agreement with AT&T to provide a hosted NG911 service to Kansas. The Coordinating Council doesn't own the hosted network solution; AT&T owns it. Therefore, any other vendor that tells you that their equipment will work on the Kansas NG911 system and that you will get all the features of the Kansas/AT&T solution is NOT sharing the correct information with you. If they tell you that all that needs to happen is to ask the Coordinating Council to hook you up, they are providing incorrect information. We encourage you to fully evaluate the complete system you are looking at. Please understand the features and functionality that you will be foregoing if you choose a solution other than Kansas NG911. It is important to understand that Kansas NG911 is a fabric of interconnected PSAPs and delivery systems that brings unique, synergistic capabilities to the PSAPs that cannot be derived without the underlying network design. Also be sure to have your vendor explain how they are going to provide text-to 911, Geospatial call routing, and other i3 services to your PSAP along with the associated costs.

Interface Requirements

The disparate system shall meet the following requirements before being admitted to Kansas NG911.

- The disparate system provides all desired i3 functionality to its users.
- The disparate system is connected to a nationwide ESINet.

Conclusion and Recommendation

It is every PSAPs choice to implement whatever they wish in regard to call handling. It is the intent of the Coordinating Council to provide a path forward for PSAPs to full Next Generation architecture within a predictable cost structure, timeframe and standards based design. It is the Council's recommendation that a PSAP fully evaluate and understand the ramifications of any choice they make.