

KS 911 Coordinating Council

Oct 9, 2024
Presentation to the
Joint Committee on Kansas Security

State 911 Board



What the Council does in practice

911 Fees	Regulate the collection, distribution, and use of 911 fees
Grants	Apply for federal grants and administrate grants to PSAPs
Savings	Enable economies of scale for Next Generation 911 (NG911)

What the Council does in practice

Training	Provide training to PSAPs on the technology in the Hosted Solution
Call Delivery	Monitor 911 services from the carriers to the PSAPs, focusing on call delivery
911 Expertise	Provide subject matter expertise on many aspects of 911 service to PSAPs and other stakeholders

Becoming the State 911 Board, July 1, 2025

Preparation is going well thanks to the Division of Budget, the Office of Accounts and Reports, the Office of Personnel Services, the Office of the Treasurer, and Mainstream Non-profit Solutions

The greatest impacts of the transition: the administration of the Board and how it carries out fiscal responsibilities

A bill may be coming this session with some proposed changes to better integrate the business of the Board into state processes

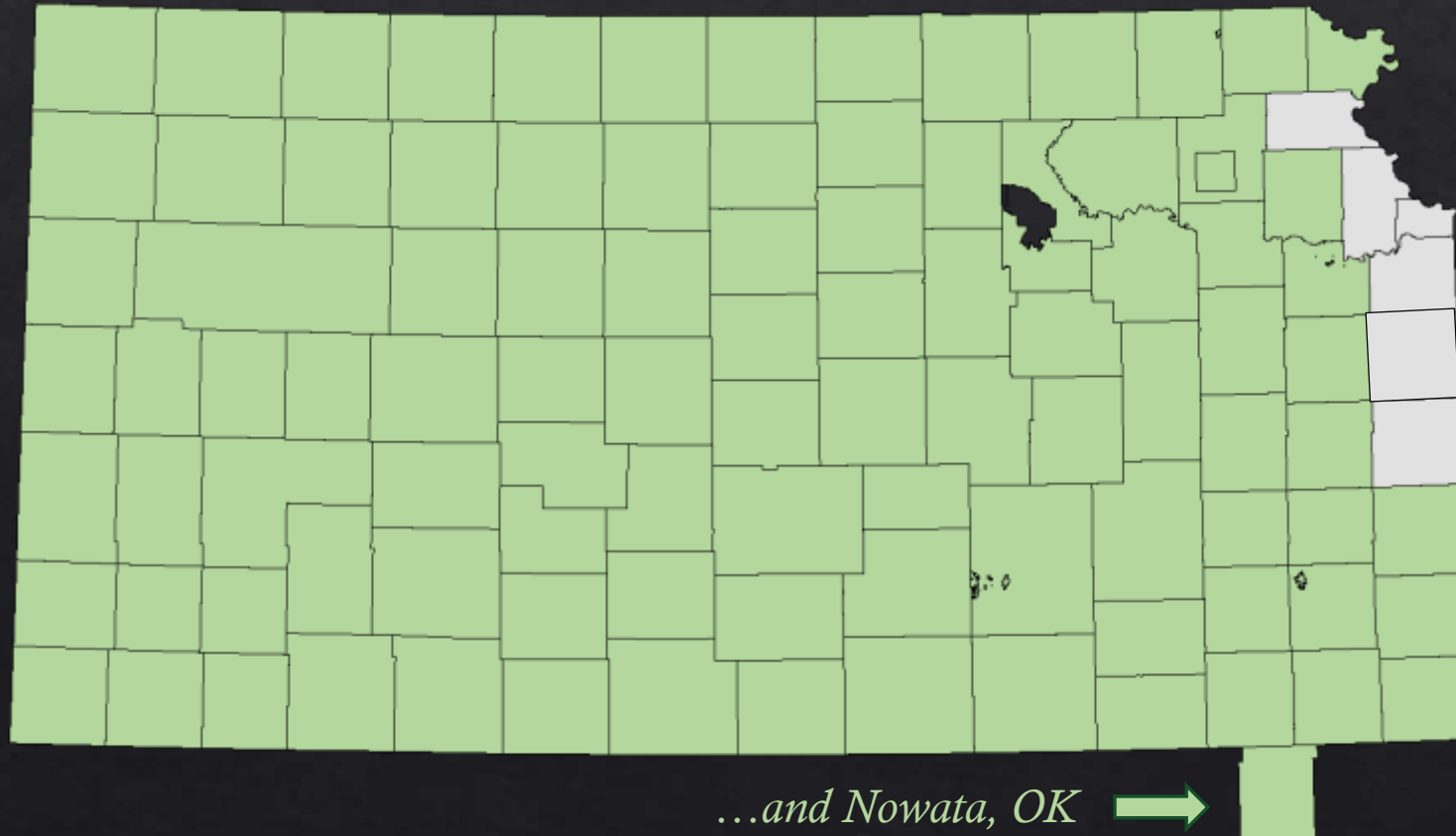


What is Next Generation 911?

- ◆ The use of modern technology to improve 911 services
- ◆ Allowing people to send texts, images, videos, and other digital information to 911 centers
- ◆ Improving call routing, making it easier to get help from the closest available responder
- ◆ Covering the full path of a 911 call from the commercial carriers providing phone service to the public all the way to the delivery of call-related data to responders in the field

The Council's Hosted Solution

The call-handling system used by all **KS PSAPs** outside of MARC



...and Nowata, OK →

105 Statutory PSAPs, 7 with
backup sites

4 other PSAPS
PBPN, KSU, KU, AMR



The Hosted Solution

NG911 Call Routing (GIS/ESInet)

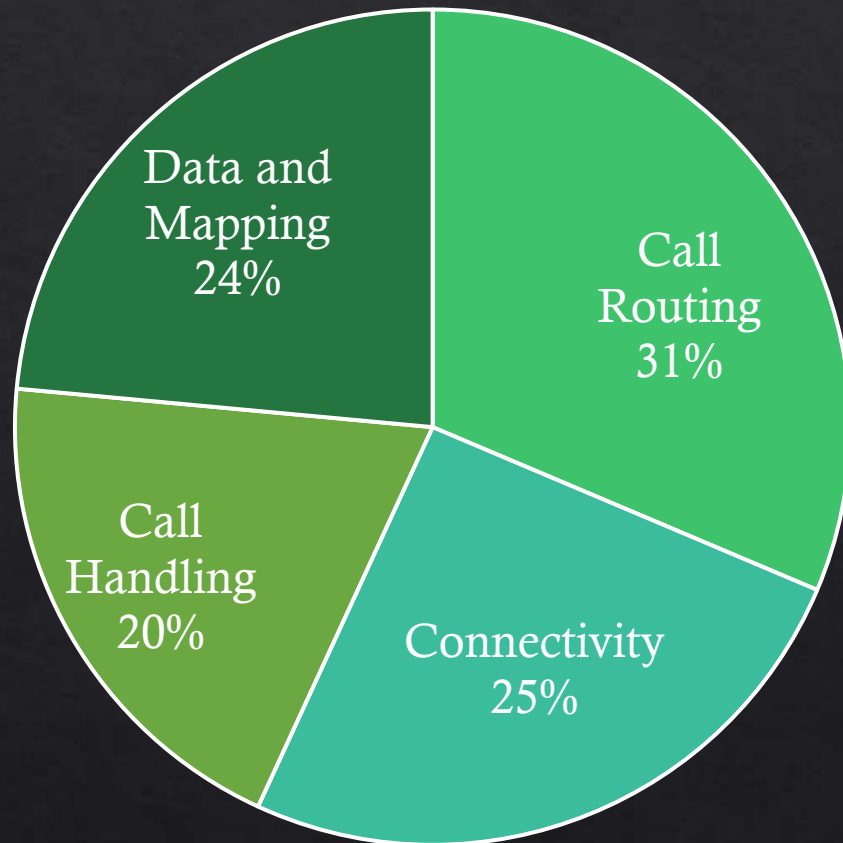
Broadband Connectivity (ASE, Local BB, FirstNet)

NG911 Call Handling (Motorola's Vesta)

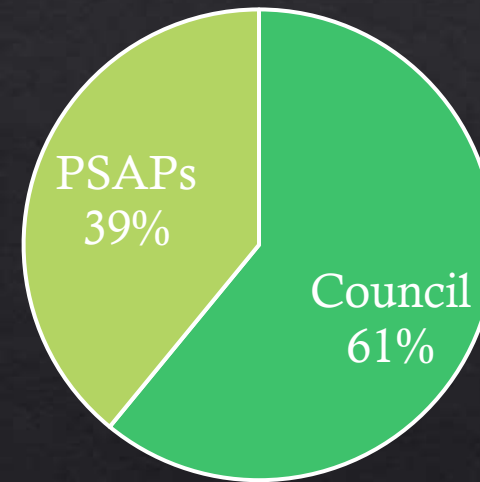
NG911 Mapping & Data (GIS/Radius/Lightning)

The Economics of the Hosted Solution

\$12,800,000 annual budget
by component cost



Who pays



Distribution of the 911 fee

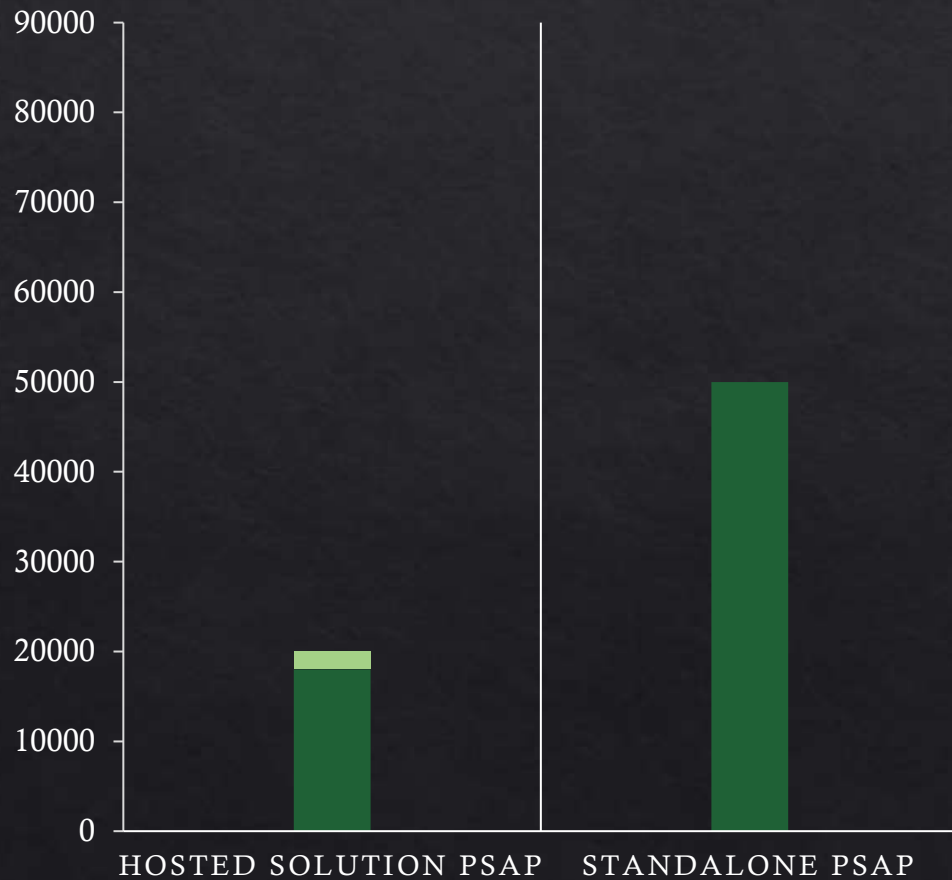
66 cents to PSAPs

23 cents to Council Operations

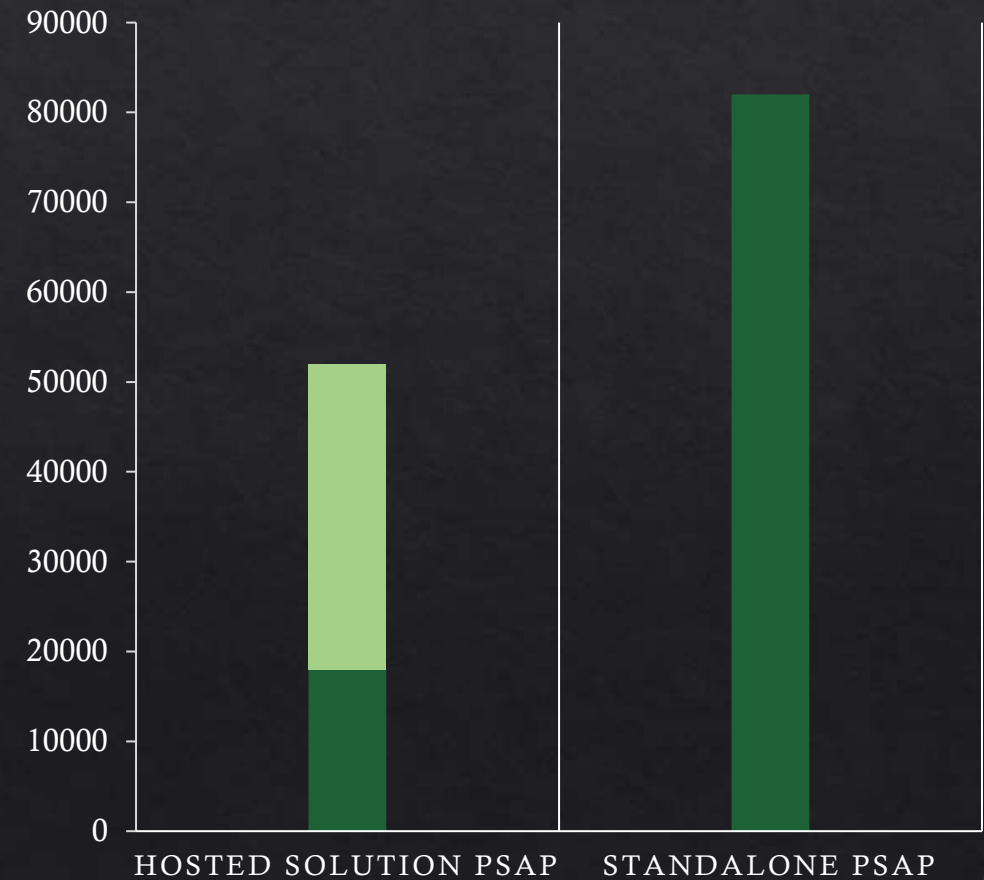
01 cent to PSAP grants

Economy of Scale: Costs for a one-seat PSAP

ONLY CALL HANDLING AND ESINET



EVERYTHING IN THE HOSTED SOLUTION



NG911: What still needs to be done?

Future Features

- Real time text
- Z-axis locations
- IOT integrations
- And more

Other components

- Loggers
- Call-taking protocols
- CAD to CAD data exchange

Call delivery changes

- FCC 24-78A1 mandates
- Calls in IP format
- Calls with location info imbedded

Potential changes to the Hosted Solution

Changes for Carriers

Security on 911 Infrastructure

Mandatory security training for all end users annually

End user workstations limited to Hosted Solution applications

AT&T Security (*ISO 27001 & 9001 certified, following NIST cybersecurity framework, NENA NG-SEC and FCC 911 WG recommendations*)

MITRE Att&ck pen test in 2020

3rd party 24/7 network monitoring through SecuLore



911 Supporting Security Radius & Lightning

- ◆ Companion applications relaying data about 911 calls
- ◆ Radius provides mapping and data delivery in the PSAP
- ◆ Lightning provides field responders a view of the same maps and data while also providing the responder's location to users of both applications



Discussion?