<u>Kentucky Office of Homeland Security (KOHS)</u>
Office of the Governor, Andy Beshear

Next Generation 911 Adoption in Kentucky
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KENTUCKY OFFICE OF HOMELAND SECURITY
READY AND PREPARED
http://www.homelandsecurity.ky.gov/   502-564-2081

Kentucky Intelligence FUSION CENTER
KIFC
866-EYE-ON-KY   FusionCenter@ky.gov

Scope of KOHS operations

- Kentucky Intelligence Fusion Center
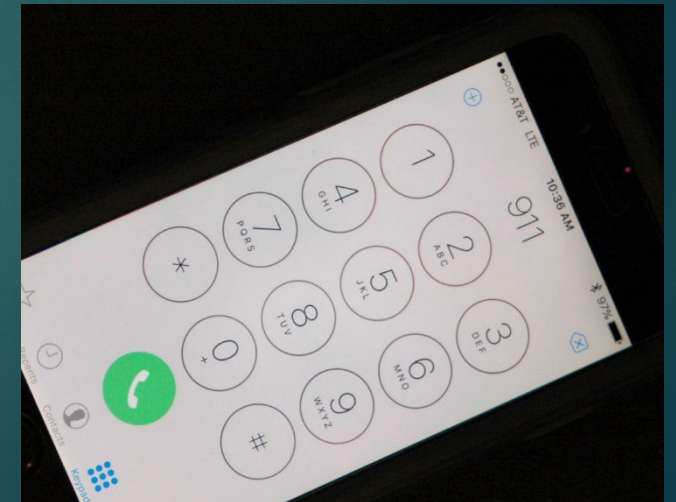- Grants
- 911 Services Board

"Always Building Bridges"

KOHS Bottom line objectives

- Resource Kentucky communities & first responders to prevent, prepare for, and recover from acts of terrorism.
- Increasing Kentucky's capabilities to maximize public safety and security.
- Constant, strategic, and more precise engagement with public and private sector partners to improve crisis planning, mitigation and recovery.

Evolution of 911 call centers (PSAPs)

- Late 20th Century—complete local control
- First revolution—cell phones
  - Creation of state 911 Board
  - Intra-county consolidation

Role of 911 Services Board

- Collect and distribute wireless 911 surcharge
  - Postpaid/Lifeline = $.70/mo.
  - Prepaid = $.93/transaction (POS)
  - Distribution formula *97.5% returns to local 911
    - 42.5% pro rata
    - 42.5% call volume
    - 7.5% competitive grants
    - 5.0% Statewide Next Generation 911 projects
    - 2.5% administrative

Funding trends

- Wireless
  - $26.5 million FY 2015
  - $34.0 million FY 2019
    - Impact of prepaid
  - $36.5 million FY 2022
- Landline
  - Effect of decreasing landline subscribers

911 funding mix (FY 2021)

- 25% CMRS funds
- 41% City/county general funds
- 34% Local 911 fees

What does the future hold?

- Second revolution of 911
  - **Next Generation 911**
- What is NG911?
  - Geospatial call routing
  - Text/video to 911
  - All PSAPs connected via IP network
- Benefits of network connectivity
- Role of GIS in NG911

Challenges to meeting NG911 readiness the local level

- Ever-diminishing landline fees
- Understaffed PSAPs
- Meeting enhanced NG911 mapping standards

Resources to aid NG911 readiness

- 911 Services Board competitive grants
- NG911 Technology Fund
  - 2020 HB 229 (redirected cost recovery)
  - 2022 HB 363 (bolstered NG 911 fund)
- Federal NG911 grants

Federal NG911 Grant Program

- 2019: $3.6 million for statewide foundational NG911 projects
  - $2.2 million federal grant
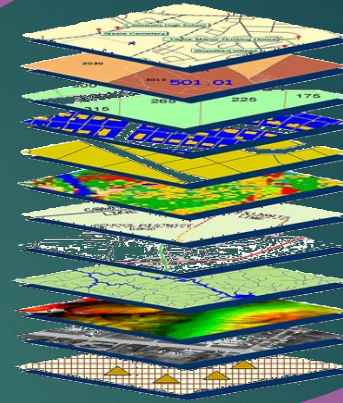 - $1.4 million required local match

Federal NG911 Grant Program

- Update Kentucky NG911 plan
- Statewide GIS mapping
- Supplemental data portal
- Aerial photography
- Local GIS projects
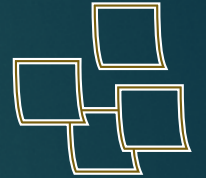
DATA VERIFICATION AND AGGREGATION

Every PSAP uploads data layers as changes are integrated into their local datasets. A minimum of quarterly with a maximum of daily submittals.

Data is reviewed to meet NENA i3 standards before aggregation into the statewide layers.

DIVISION OF GEOGRAPHIC INFORMATION

The GIS Clearinghouse has data from many state agencies and local entities, including all data submitted to meet the KY 911 Service Board requirements. THe data is available for public consumenation and is submitted to the NAD.

INDIVIDUAL PSAPS

PSAPs are required to submit GIS data quarterly. PSAPs may produce the data internally orsecure outside contracts for collection and maintenance.

STATEWIDE DATA PORTAL

THe Board sponsored Portal pulls directlyf rom the GIS Clearinghouse and is available within every PSAP at each workstation throughout the Commonwealth. THe Portal has become a single interface for Supplementatl Data integration, displayed on the most robust GIS data available.

Accomplishments

- Dec. 2020: New state NG911 plan
- Dec. 2021: High-res aerial photos for 10 counties covering 4,468 sq. miles
- March 2022: Distributed 700+ monitors/workstations for data portal display
- May 2022: 111 PSAPs complete initial GIS upload
- June 2022: Present Supplemental Data Portal at national 911 conference
- July 2022: 21 PSAPs GIS data NG911 ready

What's next?

- ESInet
  - IP connectivity for all certified PSAPs
- Next Generation 911 Core Services
  - Geospatial call-routing
- Another round of federal funding?

NG911 deployment: obstacles and opportunities

- Funding
  - 911 Services Board has maxed out existing resources
  - Projected costs for statewide deployment
  - Benefits to local 911 call center

Kentucky Office of Homeland Security (KOHS)

Discussion and Questions

Kentucky Office of Homeland Security
https://homelandsecurity.ky.gov

911 Services Board
http://911board.ky.gov