



Getting GIS in Idaho Ready for Next Generation 9-1-1

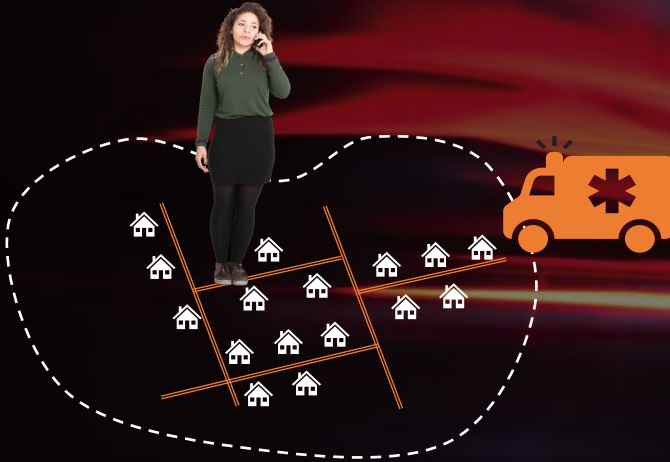
Wilma Robertson

November 16, 2022

GIS and NG9-1-1

Use GIS Data for Routing and Dispatching functions:

- Sites/ Addresses
- Road Centerlines
- Emergency Services Zones
- PSAP Boundaries
- Provisioning Boundaries



- IOEM received funding in 2022-2023 Legislative Session
- Sponsored by the IPSCC
- Money passed along to ITS



So, what is ITS's Role?

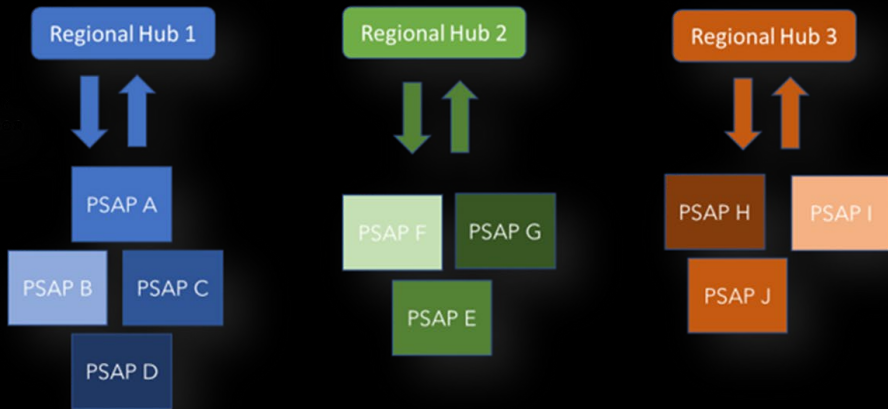
What are the Goals?



Help all PSAPs get their data ready for NG9-1-1

Educate on the need for high quality GIS Data. Help perform QA/QC

Help build strategies for long term maintenance



Figuring out Idaho

How are we going about it?

4 GIS
Contractors

GIS Data
Standards

GIS
Infrastructure

SaaS

Esri
Consulting

Standards

Approved during September
2022 IGC-EC meeting

Minor edits will be
discussed IGC-EC meeting
tomorrow morning

What's that IGC-EC you
speak off???

Visit gis.idaho.gov for
more information



IT Services – Office of the Governor
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Public Safety Technical Working Group

Introduction

The Next Generation (NG9-1-1) system relies on a set of core GIS datasets. The data must be complete, accurate and formatted to work with the NG9-1-1 systems and available in a flexible, resilient, and sustainable infrastructure

Vision

All GIS data required by NG9-1-1 systems, including those that strongly recommended, are created, regularly updated, of sufficient quality for use in NG9-1-1 systems, and shared with the stakeholders needing this information.

Goals

We will implement the vision by

- Creating data standards for core GIS datasets required by NG9-1-1 and having those nominated and included in the Idaho Map
- Developing manuals and guidelines for best mapping practices of required and strongly recommended layers
- Supporting coordination and efforts implemented to bring Idaho closer to NG9-1-1 readiness

Planned Work

Working On

Completed



Leadership

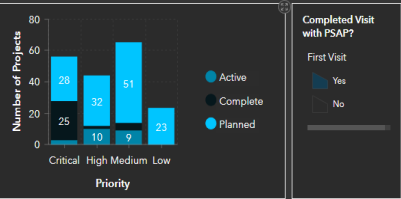
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Approved Standards

The following standards were approved by the IGC-EC on 9/15/2022:

- Site Structures / Address Points
- Road Centerlines
- PSAP Boundaries
- Emergency Service Boundaries
- Provisionary Boundaries

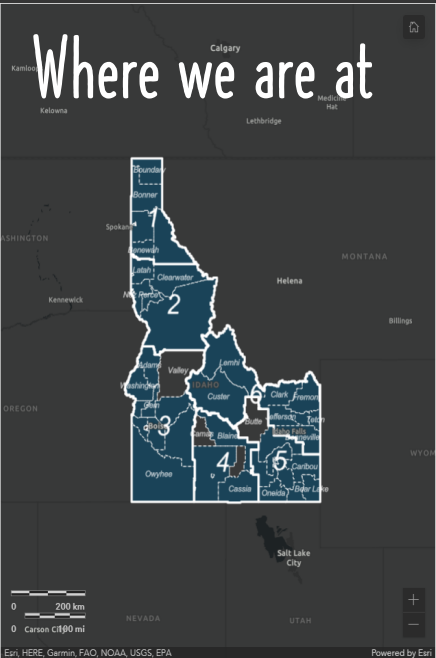
Click on the file names below to see links to



How mature are Core GIS Datasets?

0 - Dataset does not exist
1 - Dataset is incomplete, out-of-date and there is no process for updating
2 - Dataset has two shortcomings listed under 1
3 - Dataset has one shortcoming listed under 1
4 - Dataset is complete, up-to-date and maintained. Data is in a format substantially different than data standards
5 - Dataset is complete, up-to-date, maintained and similar to the approved data standards

Average score 4 Address / Site Structures	Average score 4 Road Centerlines
Average score 3.7 EMS Boundaries	Average score 4 PSAP Boundary
Data Maturity	Data Remediation



Planned Projects		
New projects are still being identified and added to this list		
Ada County - Compare PSAP Schema to ID Approved Schema	Active	Completed
Adams County - Digitize Long Driveways	Active	Completed
Adams County - Package Public Land Info for Dispatch Map	Active	Completed
Adams County - Update Service Boundaries	Active	Completed
Adams County - Review PSAP Boundary	Active	Completed
Adams County - Identify Incomplete/Inaccurate/Outdated Data	Active	Completed
Adams County - Update Site/Structure Address Points	Active	Completed
Adams County - Update Road Centerlines	Active	Completed
Adams County - Compare PSAP Schemas to ID Approved Schemas	Active	Completed
ALL Counties - Build Survey for Collection of Landmarks	Active	Completed
All Counties - Railroad Crossings	Active	Completed
All Counties - Move to ArcPro	Active	Completed
Bannock - Sheriff's Office Parse Road Names in RCL	Active	Completed
Bannock - Parse Road Names in SSAP	Active	Completed
Bannock - Generate NG 911 Specific Fields in ALL ESZ Layers	Active	Completed
Benewah County - Create ZIP Code Areas Dataset	Active	Completed
Benewah County - Identify Inaccurate/Outdated Data	Active	Completed
Planned	Active	Completed
Planned Projects 135	Active Projects 23	Completed Projects 33

Thank you!

For more information contact:

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