The Close Talker – Setting Clear Boundaries

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Today’s border related topics
Setting clear boundaries with your neighbors

- Introduction
- History
- Next Generation 9-1-1 needs
- State of Washington perspective
- ESInet provider perspective
- How is the State of Washington setting clear boundaries?
- Q&A
Why is it important to set clear boundaries

Because…

GIS data from individual entities is aggregated at the State level for use in an NG9-1-1 system

Avoiding gaps and overlaps in coverage ensures continuous coverage and accurate call routing
History
Legacy 9-1-1 Needs

Tabular databases

Wireless calls make up ~70% of 9-1-1 calls

visual display, vehicle routing and AVL
ESInet provider perspective

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State of Washington perspective

Where We Were

- Statewide ESInet (2009-2011) – non-NG911 compliant
- Not all Neighbors were talking to each other
- Large and Small Data Gaps
- Road Centerlines not always meeting
State of Washington perspective

Where We Are

- 39 Counties – 39 Different GIS Workflows
- Differences in Population = more or less Tax Revenue
- GIS Experience and resources varies greatly
- Collaboration, a novel idea
- GIS Subcommittee
- A Game Plan
State of Washington perspective

Where We’re Going

- Statewide NG9-1-1, i3 Compliant ESInet
- Very extensive RFP
History

Legacy 9-1-1 Needs

VISUALLY DETERMINE THE LOCATION OF AN EMERGENCY

PROVIDE DIRECTION TO THE EMERGENCY

GIS Data

Dispatch Mapping

Emergency Notification

Vehicle Routing

In-vehicle mapping
Process and Data Challenges

Before Synchronization

- Street Centerlines
- MSAG
- ALI
- Address Points

After Synchronization

- Street Centerlines
- MSAG
- Address Points
- ALI
Next Generation 9-1-1 needs

Expanding the use of GIS in 9-1-1

- Subscriber record validation
- Route calls to correct PSAP
- Transfer calls and location information
Where is GIS needed in NG9-1-1?
Importance of workflows

Who

How

When
How is the State of Washington setting clear boundaries?

Expanding the use of GIS in 9-1-1

- Collaboration efforts
- Development
- Reporting mechanisms
- Ongoing maintenance of border points
Thank you!

Discussion