Enhancing Public Safety Through Data Coordination

Denton County, Texas

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Background

- 2018 population estimate: 836,210
- Cities using our Dispatch: 26
- Dispatch Area: 659 mi²-70% of the county
The Problem

- Increased growth (top 10 in US)
- Delayed or inconsistent data sharing
- Multiple entities doing the same work
- Friction between cities, county, and dispatch
Partnership
Phase one – Database Replication

- Distributed geodatabase tool
- Denco 911 responsible for 14 cities
- Denton County responsible for 35 cities
- Weekly replication
Phase one – Database Replication
Phase two – City Address Input

- 16 cities participating
- ArcGIS Online applications
- Directly editing address data with delete privileges removed
- QA/QC by DC and Denco 911 weekly
- Increased communication with cities
Phase two – City Address Input
Phase three – Implementation into CAD

- Current phase
- Multidepartment effort
- Buy-in from Dispatch
Phase three – Implementation into CAD

Problems:
- Two different dispatch softwares
- Split roads, directionality, etc.
- Data structure
Phase three – Implementation into CAD

What we’re doing:
- Testing the database in Superion
- Possibility of automating field changes
- Pushing GIS data to Superion quarterly
Questions?

Contact Us
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