Regional CAD-to-CAD

Stephen Kelley
City of Thornton
Denver Metro Dispatch Centers

- Adams County Communications Center – Adcom 911
- AirLife Communications Center
- Arapahoe County Sheriff’s Office 911 Communications
- Aurora 911 Emergency Communications
- Black Hawk Communications Center
- Boulder Police Communications
- Boulder County Communications
- Broomfield – Public Safety Communications Center
- Clear Creek County Sheriff’s Office Communication Center
- Colorado State Patrol Communications Center
- Denver International Airport Comm Center
- Denver 911 Communications Center
- Douglas Regional 911 Communications Center
- Englewood Communications Center
- Federal Heights Communications Center (City of Federal Heights 911 Dispatch Center)
- Gilpin County Communications Center
- Glendale Dispatch Center
- Jefferson County Communications Center Authority – Jeffcom 911
- Longmont Emergency Communication Center
- MetCom – Metropolitan Area Communications Center
- Parker – Lone Tree Combined Communications Center
- St. Anthony Communications Center
- Thornton Communications Center
- Weld County Regional Communications Center
- Westminster Communications Center
Denver Metro Fire Districts / PSAPs
Computer Aided Dispatch (CAD)

Call Received (PSAP)

Location
- Where?

Incident Type
- What?

Resources Dispatched
- Status?

Call Transferred

External Resources
- Landline
- MetroNet
- 120s delay

Intelligence Data
- What is happening?
Geospatial Data
- Where is it happening?
EDC CAD-to-CAD Hub

Phase 1
- ADCOM
- MetCom
- Thornton
- Denver

Phase 2
- Broomfield
- Aurora
- Boulder
- Westminster
- JeffCom
ADCOM - Clean GIS data
Broomfield - Clean GIS data
Thornton - Clean GIS data
Westminster - Clean GIS data
EDC CAD-to-CAD Hub
GeoComm GIS Hub - Aggregate GIS data
GeoComm Smart City Map - Situational Awareness
GeoComm GIS Hub

• Aggregates agency/PSAP GIS data
  • Address points, ranges, parcels, centerlines
• Provides one regional routable map
• Monthly/Quarterly updates
• Base map will contain data current to today (Denver, Boulder, Weld, Jefferson, Douglas, Adams, Arapahoe)
• Used for CAD mapping, Smart City map, analytics, planning
GeoComm Smart City Map

• ESRI data
• GeoComm Hub data
• Situational Awareness Map
  • Fire/EMS
  • Law Enforcement
What is next?

• Other similar projects
• Future needs
• On-going regional GIS projects
Questions?

Email: Stephen.Kelley@cityofthornton.net
Office: 303-538-7276
Cell: 720-635-4280