



NOVEMBER 12, 2020

Missouri 911 Service Board NG911 GIS Consulting Services Project

Prepared by: Jessica Frye, GIS Project Manager & Deb Rozeboom, GIS Solutions Engineer

Introductions



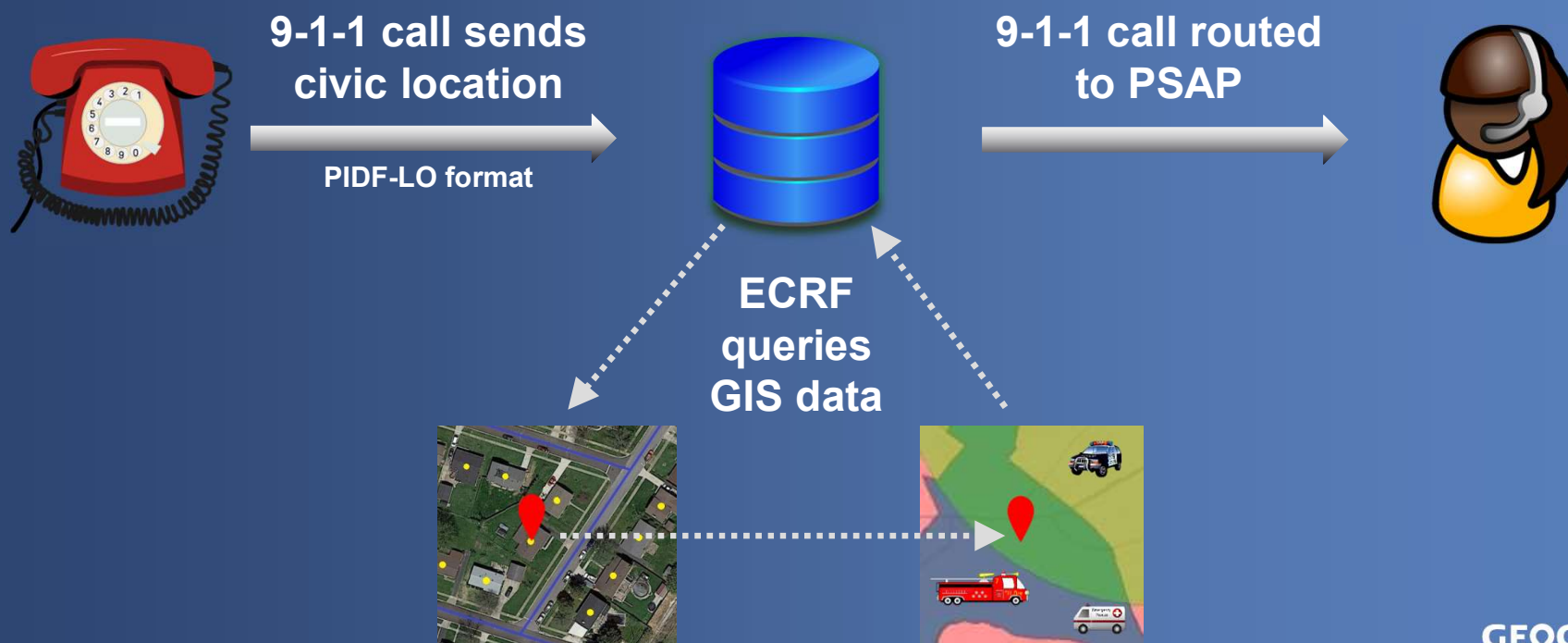
GIS in NG9-1-1



NG9-1-1 Call Routing – GIS Dependent

Civic Location

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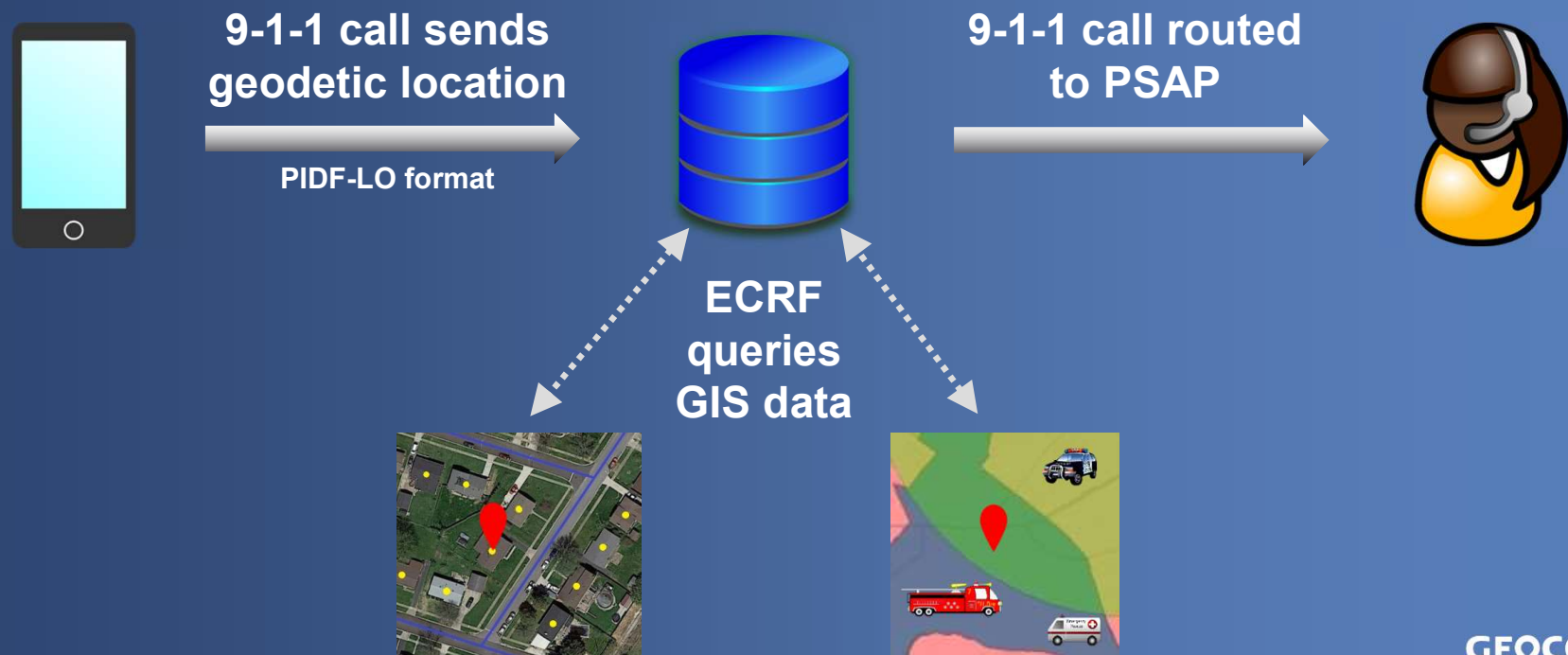


GEQCOMM

NG9-1-1 Call Routing – GIS Dependent

Geodetic Location

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Use of GIS Data

- Traditional E9-1-1 GIS data use
 - CAD
 - Map display
- NG9-1-1 GIS data use
 - Location Validation Function (LVF)
 - Emergency Call Routing Function (ECRF)
 - MSAG Conversion Service (MCS)
 - Mapping Data Service (MDS)
 - Geocode Service (GCS)
 - CAD
 - Map display



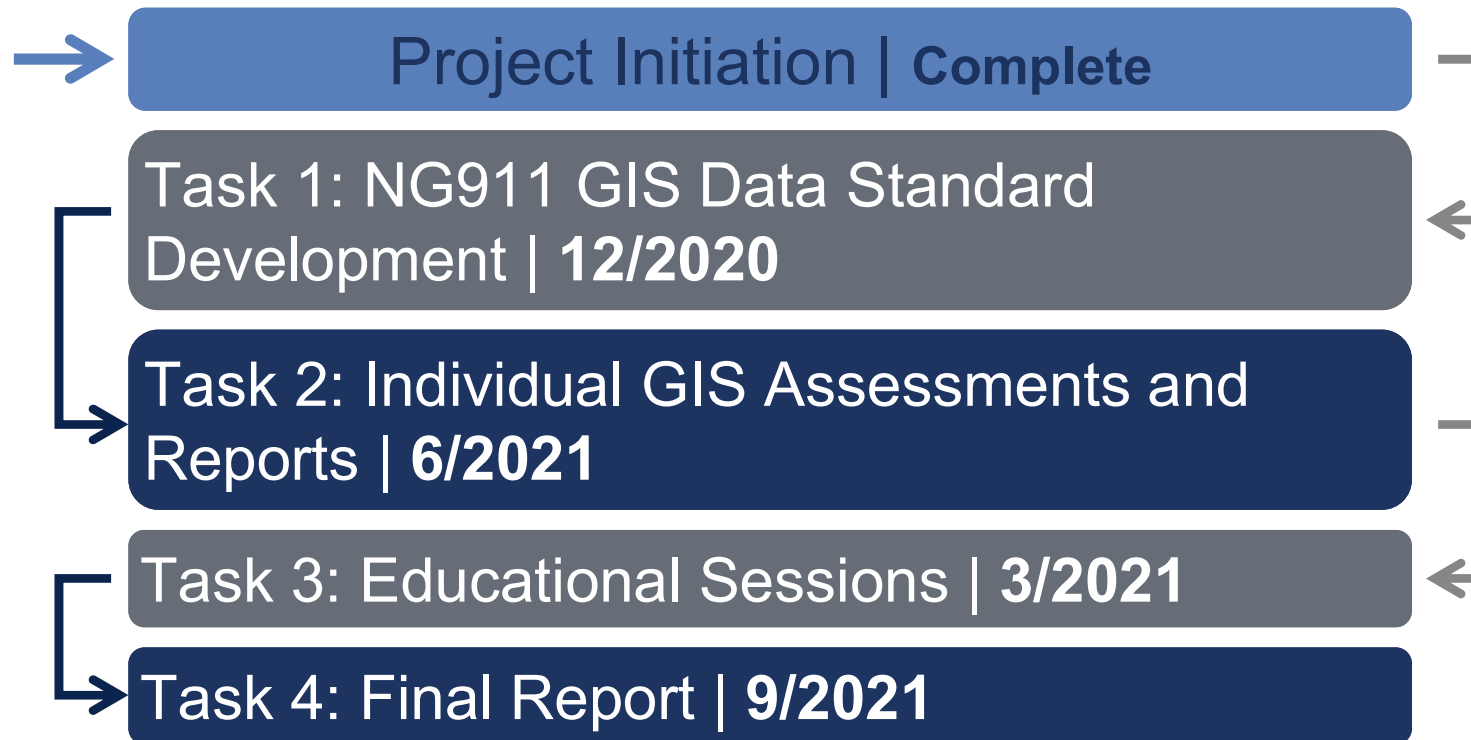
Project Objectives and Goals

GeoComm will assist the Missouri 911 Services Board by:

- Develop a Missouri specific NG911 GIS Data Standard (in-progress)
- Complete a GIS assessment based on the NG911 GIS Data Standard for each county / municipality / region, develop a report of recommendations for remediations, complete a webinar to review the results and report and provide a preliminary estimate of cost for NG911 GIS data management by the Board
- Provide five (5) virtual educational sessions on the NG911 GIS Data Standard and an overview of the GIS Analysis
- Provide a final report on the project including next steps for NG911 GIS.



Project Approach & Timeline



Project Tasks



Task 1: NG9-1-1 GIS Data Standard

- Deb Rozeboom will lead the process for developing the Missouri NG9-1-1 GIS Standard
- Reoccurring meetings with the Missouri NG9-1-1 GIS subcommittee (1 hours) to solicit input on the standard
- Formally document the final Missouri NG9-1-1 GIS Data Standard based on the NG9-1-1 GIS subcommittee's input

Deliverables:

- Participation in NG9-1-1 GIS Subcommittee meetings
- Delivery of the Missouri NG9-1-1 GIS Data Standard



Task 2: GIS Data Gathering & Assessments

- Acquire copies of 9-1-1 GIS data, ALI and MSAG
- Establish a list of QC checks
- Complete three (3) pilot counties to test assessment process
- Prepare a data analysis and recommendations report for each jurisdiction
- Complete a webinar with each jurisdiction to review the results and report

Deliverables:

- Pilot testing of the assessment process
- Individual jurisdictional data analysis and recommendations report
- One (1) conference call per jurisdiction
- Final local PSAP and GIS point of contact list

Task 3: Educational Sessions

- Deb Rozeboom will lead the Educational Sessions
- Develop educational material for regional workshops
- Lead five (5) regional virtual educational sessions (1/2 day ~ 4 hours)
- Develop a recorded webinar in consultation with the Missouri 911 Service Board project team
- Provide up to three (3) additional web-based presentations (TBD)

Deliverables:

- Five (5) regional virtual sessions
- One (1) recorded session
- One (1) presentation to the Board
- Up to three (3) additional web-based presentations



Task 4: Final Report & Project Closeout

- Compile the final gap analysis and project report
- Conduct a remote project closeout meeting and present the draft final report

Deliverables:

- Deliver draft final report
- Presentation of draft final report
- Deliver final report



Data Request Details

Starting January 2021

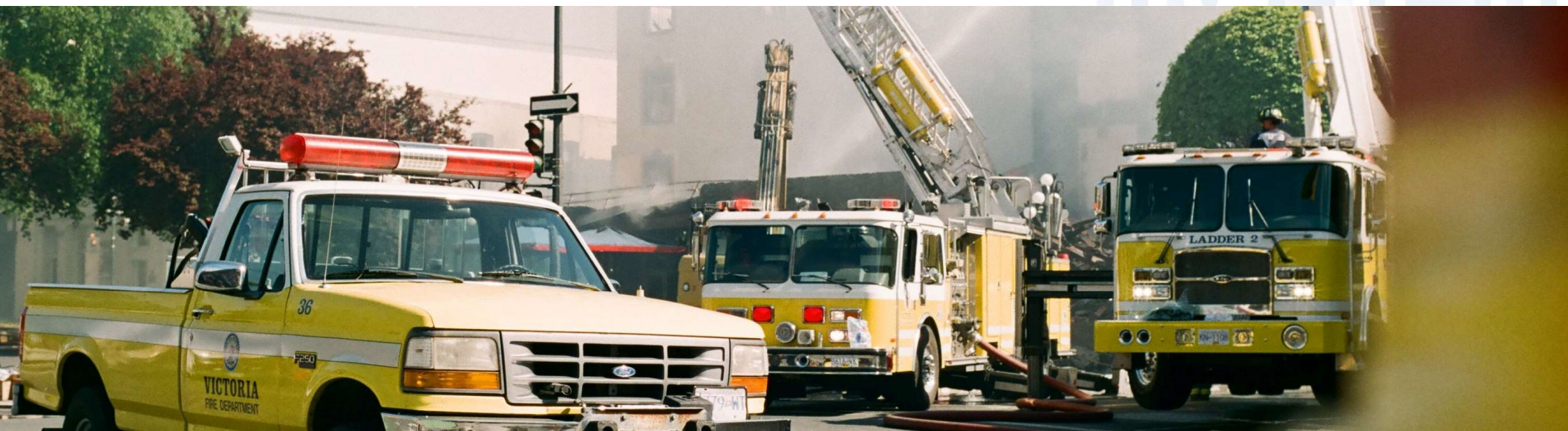


Data Request Details

- Road Centerlines
- Site/Structure Address Points (where available)
- Provisioning Boundary
- PSAP Boundary
- Emergency Service Boundaries | Fire, Law, EMS
- County Boundary
- Incorporated Municipality Boundary
- ALI (TN Listing)
- MSAG

Questions + Discussion

[Contact us Online](#)



CONTACT:

Jessica Frye jfrye@geo-comm.com
(320) 281-2554 geocomm.com

Deb Rozeboom drozeboom@geo-comm.com
(541) 497-7573 geocomm.com