Kansas NG911 GIS User Group

2023 Q2 Meeting

May 3, 2023

Webinar

NG911 GIS User Group Agenda

NG911 Project Update — 01

NG911 Toolbox Update — 02

GeoMSAG and Training Update — 03

NG911 GIS Project Update

Kansas GIS Data Submission totals for past four quarters

Submission Type	CY2022 Q3	CY2022 Q4	CY2023 Q1	*CY2023 Q2
Updates that passed QA	95	95	97	*37
Submission plan/Did not pass QA	0	1	0	*1
No Changes	12	11	10	*0
No Reply	0	0	0	*69

*Current quarter – submissions underway

2023 Q2 submission deadline – June 30, 2023

107 jurisdictions total

NG911 GIS Project Update

Kansas NG911 Hosted Solution Status Map
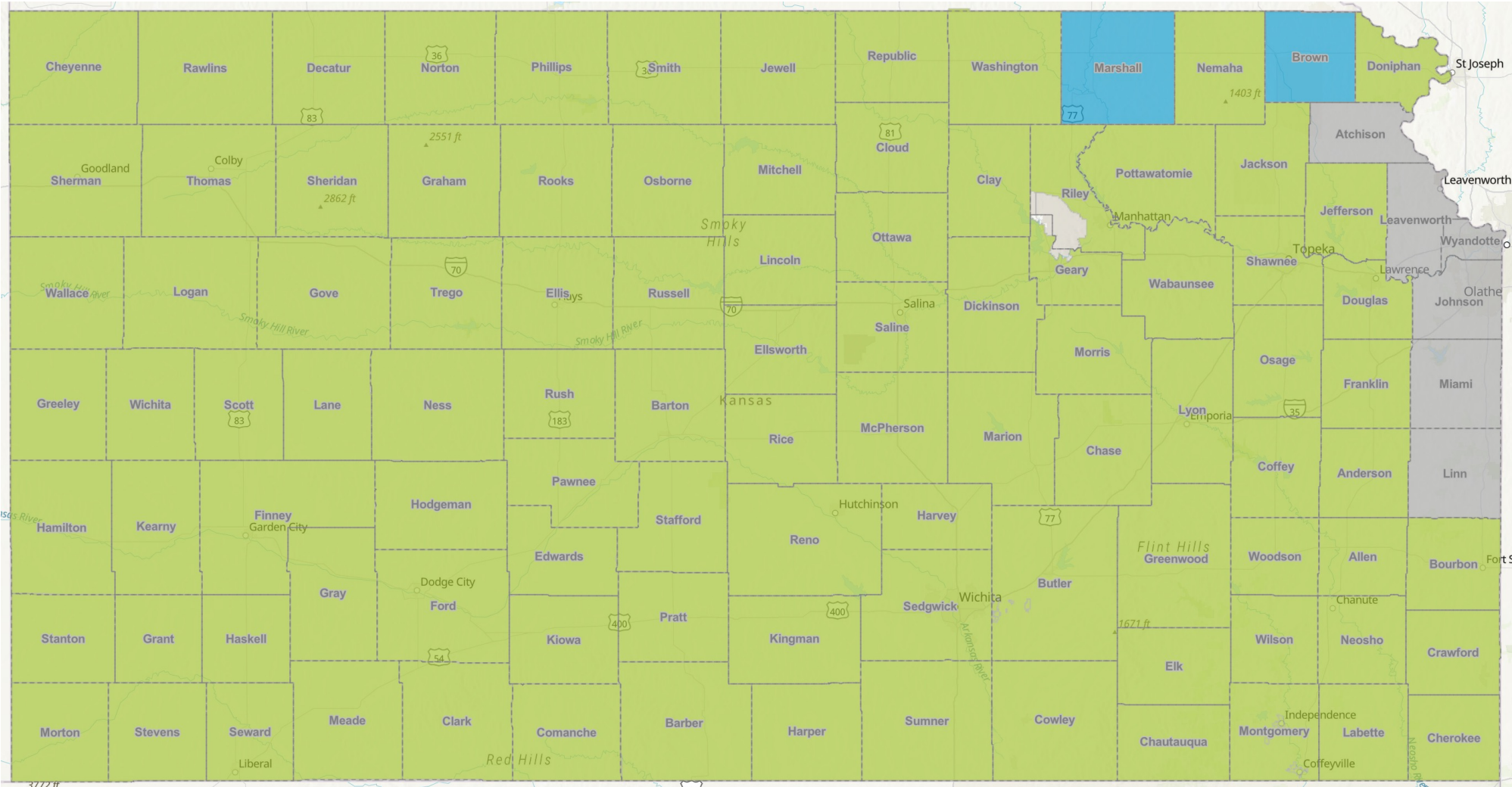
RapidDeploy Radius v5 (under review – release date TBD)

- Map Markups
- Measurement Tool

Also coming soon to Radius, Nebraska and Oklahoma border county NG911 GIS data!

NG911 Portal

- GIS menus reorganized

Data

- Building Footprints
  - Evaluating nationwide datasets (FEMA/USGS National Map and Microsoft) along with Kansas pilot counties

- Going public – PSAP approved NG911 Address Points and Roads

- Data Requests
  - Approved data is distributed on your behalf with only KS NG911 GIS Data Model attributes, no local attributes are included

- City Boundaries – optional but important!

- Parcels – also optional but important!

NG911 Toolbox Update

Version 2.2.98 & Upcoming Changes

- Conversion | Enhancement
- Comparison
- Validation
- Submission
- Adjustment
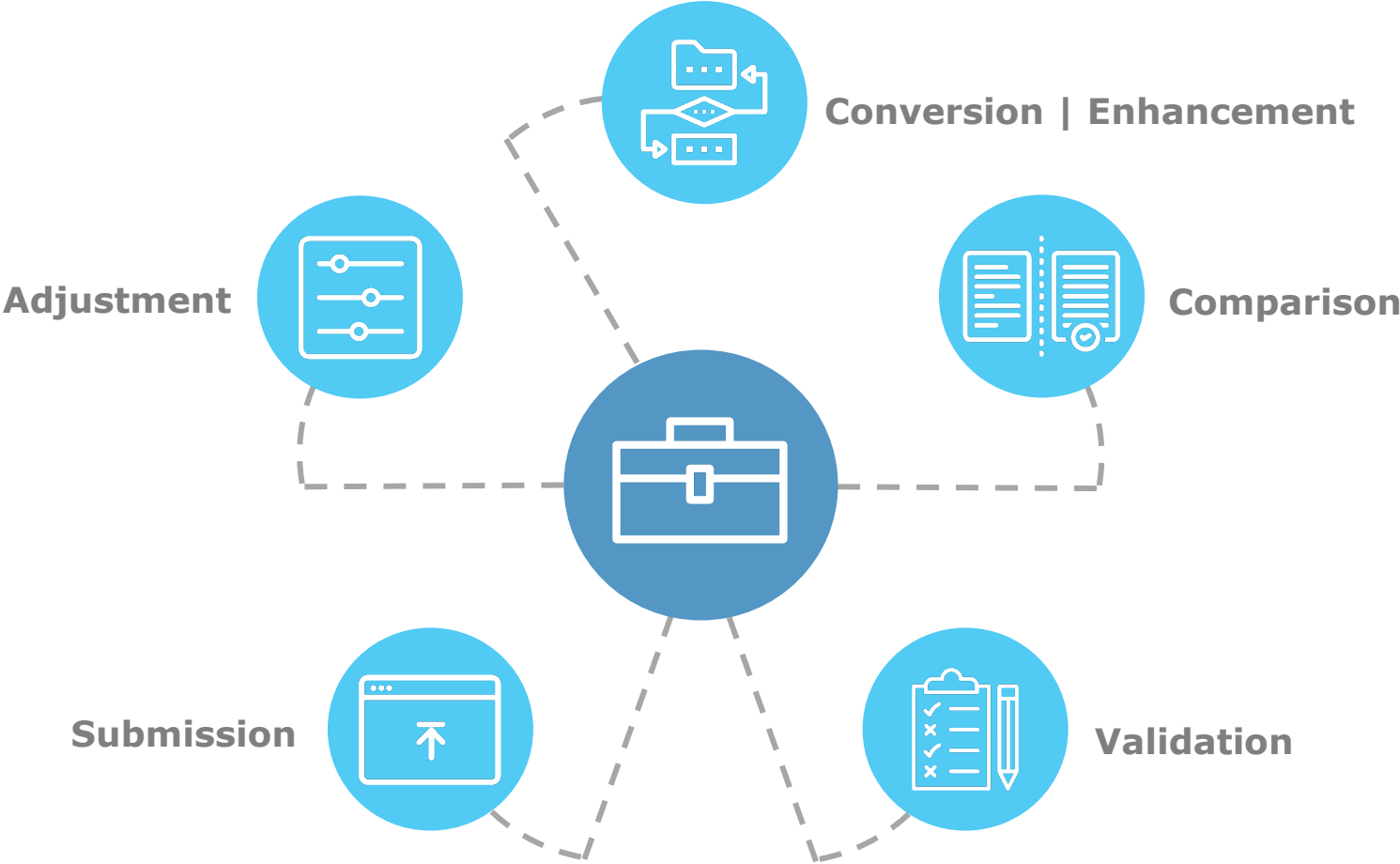
Release 2.2.98

2023 - Q2
Week of 5/7

Validation

Remove logic check loophole allowing blank value in Yes/No AUTHORITATIVE L/R field in Road Centerline feature class.

Causing issue with PSP MSAG generation processing.

Validation

Modify the new error message for the AP GEOMSAG overlap check in the FieldValueCheckResults table to better differentiate between overlaps that are RC vs RC and RC vs AP.

Conversion

Fix issue with the Copy to Template tool correctly being able to enable/disable editor tracking and load data into the template when additional feature classes/tables exist for the AP GEOMSAG checks in the source database.

Future 2023 Release

TBD

MSAG

Add "Check PSP TN List" Tool to MSAG toolbox section that accommodates differences between current 911Net and PSP TN databases.
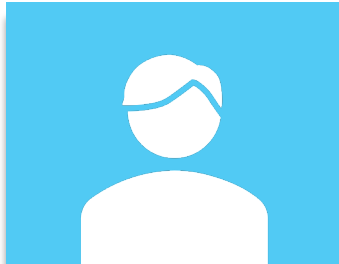
Complete testing and adjustments for official ArcGIS Pro / Python 3 toolbox support.

GIS Toolbox Story Map Available

Change log and detailed descriptions of new tools, error messages, and processes.

DASC Hub -> NG911 Initiative -> Standards -> GIS Tools and Scripts

Thank You

Questions?

https://tinyurl.com/yr3antht

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Map Discrepancy Reporting in Radius

- Reporting issues with locally maintained GIS data
    - Address Corrections
    - Road Name issues
- Reporting problems with the mapping services
    - Layers that are not working or not updating
    - Geocoding failures

- We keep an eye on all of these, but we only respond to the ones that are related to our services or are about call routing errors

- Remember, if you get one, you need to review it and address any GIS issues before your next submission

GeoMSAG and Training Update

Discrepancy Reporting in Radius

What3Words in the Radius Map

- A proprietary geocode system that divides the world into 3m squares, each with a unique combination of three words
- Designed for emergency response as well as deliveries and ecommerce in areas with no addressing
- Built into Radius, displaying on every 911 call
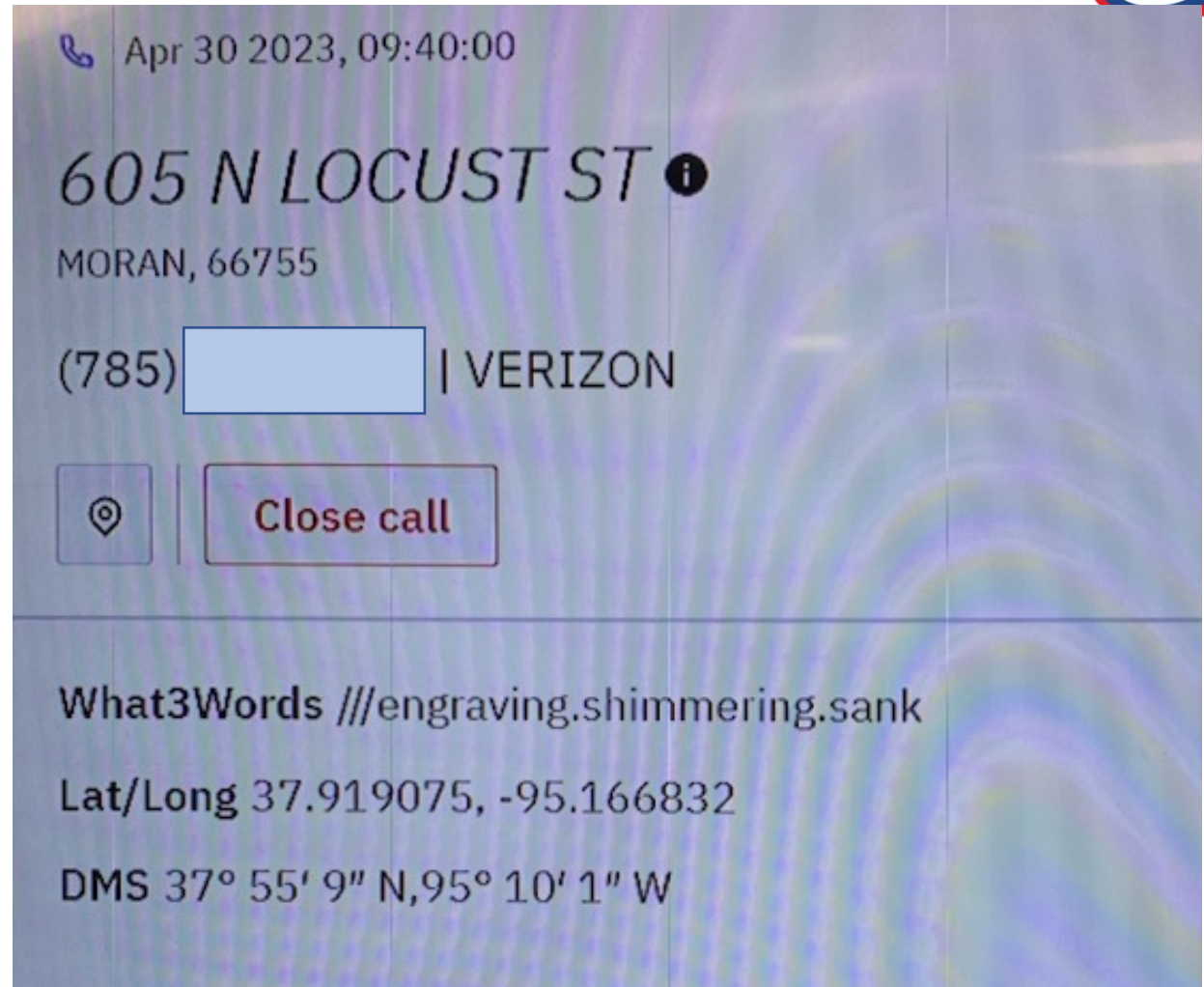
Kansas NG911 GIS Data Model v3

- Comparing to NENA v2
  - Discrepancies have been worked through
  - Crosswalk between the two standards is being written
- Use case examples for address points and road centerlines coming next

NENA NG911 GIS Data Model v3

- Work is starting on v3, expected to take at least 18 months

Standard Training

- Data Maintainer will be offered pre-conference at KAM
  - Is there anything specific you would like to see covered?

Under Consideration

- A very hands-on version of Data Maintainer training
  - Common data editing issues
  - Running the tools and resolving errors
  - Closer to a full day class
  - Specifically for new maintainers, but all would be welcome
  - Interest?

Wrap Up

2023 NG911 GIS User Group meeting schedule
- August 2 – 1 pm – 2 pm
- KAM Conference – October 24-27 in Wichita

DASC Hub
https://hub.kansasgis.org/

Kansas 911 Coordinating Council
https://www.kansas911.org/