

# Kansas NG911 GIS User Group 2022 Q1 Meeting

March 17, 2022



<https://kansas.zoom.us/j/95894145611>

Meeting ID: 958 9414 5611

Passcode: 531370



# NG911 GIS User Group 2022 Q1 Agenda

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- NG911 Project Update
- NG911 Toolbox Update
- GeoMSAG and Training Update

# Kansas NG911 Program Update

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## Call handing mapping software

- RapidDeploy's RadiusPlus version 4 released in Kansas on 2/22/22
- No impact to DASC NG911 services or data processing
- Redesigned GUI

## Kansas NG911 GIS data submission statistics

- 100% participation since NG911 GIS maintenance started in 2015
- Next submission deadline – March 31, 2022

## 2018 NG911 Imagery

- It has gone public! The licensing agreement has been fulfilled.
- Watch the DASC website for the public 2018 NG911 statewide imagery service and option to download MrSIDs

# Kansas NG911 Imagery

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## 2021 NG911 Imagery

- ✓ Data acquisition – complete
- ✓ Pilot area data review – complete
- Review of statewide QA corrections – in-progress
- Reflights
- Local Buy Up Option – still available
- **Contact Jack King**
  - [jack.king@surdex.com](mailto:jack.king@surdex.com)
  - (601) 405-4070

## Data delivery (2022 Q2)

- GeoTIFF/MrSID
- Stateplane – Kansas North/Kansas South
- Kansas Regional Coordinate System (LDP)
- StatePlane 2022 (once the reference frames are released)

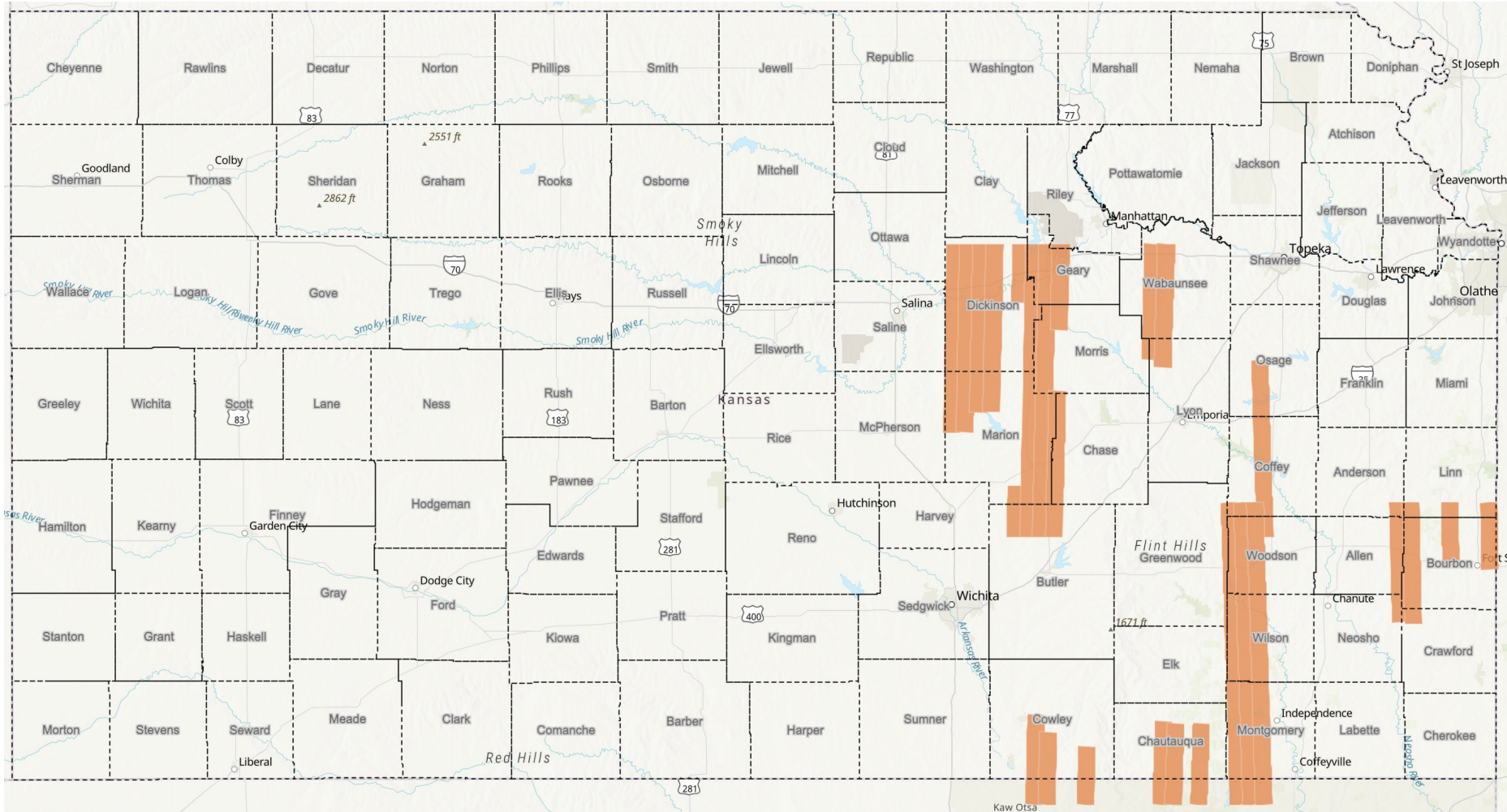
## Data publication:

- Image Service
- MRSID file downloads
- Dedicated tile cache for NG911 map

# Kansas NG911 Imagery – 2021 Reflights



Orange areas were re-flown by Surdex this week - March 15 & March 16, 2022



# NG911 Toolbox Update



Last Release, 2.2.95, and Upcoming Changes  
William Trimble

# Release 2.2.95

No major changes, just minor corrections.

## Hydrants

- Cleared up some confusion with the PRIVATE field domain value in the documentation and checks. Portal required **(Y)es, (N)o, (U)nknown** but the toolbox was checking for **YES, NO, UNKNOWN**.

## Adjustment Tools / Fix Attributes

- Fix Attributes tool had a bad relative path link stored for the associated python script and would not launch. Corrected the relative path.

# Friendly Reminder:

Submit data in UPPER CASE unless otherwise noted in the Data Model for that field.

## 1.3.3 Letter Case

All attribute values shall be stored in upper case characters, unless the attribute description in this document specifies otherwise. The primary exceptions to this recommendation are the [LABEL], [ADDURI], and [UPDATEBY] fields which may be in any case that fits the data steward's needs.

Interest in a workshop on using Attribute Assistant (Arcmap) or Attribute Rules (ArcPro) to learn how to auto-populate fields and remove some human error potential?



# Upcoming Toolbox Changes

Check for <Null> or "" values in Address Point SUBMIT field. (43 records out of ~1.5 million, in 2 PSAPs)

- Loophole in logic checks allowed <Null> or blank string values into the Submit field for address points.
- Results provided in TemplateCheckResults and FieldValueCheckResults tables.

TemplateCheckResults

	OBJECTID *	DATEFLAGGED	DESCRIPTION	CATEGORY	CHECK
▶	6	2/16/2022	Error: AddressPoints has 42 records with NULL or blank string values in the SUBMIT field	Submission	Check Submission Values

FieldValuesCheckResults

	OBJECTID *	DATEFLAGGED	DESCRIPTION	LAYER	FIELD	FEATUREID	CHECK	NOTES
▶	696	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	370db7f4-e3d9-4aa2-8a2c-736477a11b5e	Check Attributes	<Null>
	697	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	2f412aae-5bf5-4d86-8015-3b86e148dc73	Check Attributes	<Null>
	698	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	e879d4d1-737d-4e9b-9ab6-02a445c94ab8	Check Attributes	<Null>
	699	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	b575bc17-d310-4977-8040-41f0e1860d12	Check Attributes	<Null>
	700	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	75589863-12d7-4ee6-920e-1da137f9b5c7	Check Attributes	<Null>
	701	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	83a79e5c-39bc-4128-bb64-8283f157c5f5	Check Attributes	<Null>
	702	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	dd2f55fe-8e6e-40de-aac1-9dc2b317729e	Check Attributes	<Null>
	703	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	f494802e-a8ef-4270-bda2-0e78e250e1ba	Check Attributes	<Null>
	704	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	d5f764e7-1fe0-4d48-94a8-50bf013dcef3	Check Attributes	<Null>
	705	2/16/2022	Error: AddressPoints has NULL or blank string values	AddressPoints	SUBMIT	043e26c6-575c-452e-94d4-22ff303e124c	Check Attributes	<Null>

# Upcoming Toolbox Changes (continued)

Discuss options for controlling the level of submission for Address Points.

- Better clarify and define how to submit address points that are:
  - Ignored (local use)
  - Are submitted for use in Address Locators and Rapid Deploy only but not EGDMS
  - For all uses. (Address Locators, Rapid Deploy, and EGDMS)

# Upcoming Toolbox Changes (continued)

Begin quality control checks on address points marked as Address Point GeoMSAGs. (GEOMSAG = 'Y')

Discovered instances where addresses with valid road centerline matches were being marked as address point GeoMSAGs:

- Convert address point GeoMSAGs to point lines (plines) and check for overlapping ranges along with the road centerlines.
- Checked at submission and on demand with a toolbox Enhancement tool.
- Update Enhancement tool Geocompare Address Points to have an option to only calculate Address Point GeoMSAG RCL\_Matches.



# GeoMSAG and Training Update

# Kansas NG911 GIS Data Model



- Version 2.3 is here with a few consistency and clerical corrections
- Version 3.0 will be coming
  - Alignment to the new national NG911 GIS Data Model
  - Documentation about how we get to that alignment
  - “How To” section on dealing with various address scenarios



# PSP

## AT&T's Public Safety Platform

- New home for MSAG and telephone records
- Built with GIS data in mind
- Working through the Dickinson County conversion now
- AT&T has agreed to give access to all GIS maintainers and stewards



# Training

## The Kansas NG911 Learning Center

- Data Maintainer class pre-conference at KAM from 9-12 on Tuesday, October 18 *Registration is free but required*
- Data Steward and Data Maintainer classes will be available on the KS911CC new platform in 2022
- More information to come!

# NG911 GIS User Group



Thank you!

Kansas 911 Coordinating Council website

<http://www.kansas911.org/>

DASC - Initiatives>NG911

<http://www.kansasgis.org/initiatives/NG911/>