NG911 Countywide Meeting

Welcome to the February 2023 meeting!

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Agenda for today

❖ Review of Prior Meeting

❖ Improve workflow in both directions' discussion

❖ Parsing road names for NG911 discussion

❖ Sharing agencies to prepare for Next Generation Core Services–Changes in your agency?

❖ Gap analysis – Strategic plan

❖ Wrap up

Review of prior meetings

- Require Street Fields (schema) are Street Name, Address Range From / To, Country left/right, State left/right, County left/right, Incorporated Municipality left/right. Mandatory fields must not be empty.

- Unique ID's: ExternalStreetKey in centerlines and ExternalRouteId in Address Points. Format: CITYCODE + Unique Integer

- NG911 Unique ID's Format: {layer indicator} CITYCODE + Unique Integer @yavapai911.az.gov

Review of prior meetings

- Multiple quality assurance and quality control processes.
  - ❑ FME Workspace
  - ❑ Python scripting
  - ❑ **1Spatial 1Data Gateway**
  - ❑ Vendor QAQC Reports
- Attribute requirements for address and street each agency independently must do.
- Spatial corrections for address and streets each agency independently must do.

Review of prior meetings

- **Boundaries**
  - Emergency Service Boundaries & renamed to Service Boundaries
  - City boundaries (can be modified for 911 by ownership)
  - Streets split at all legal boundary changes
- **Collaboration**
  - Setup ArcGIS Online "1Data Gateway" Group under the Yavapai County Organization.
  - Share QA/QC 1Data Gateway Markup
  - Share county demarcation points

Agenda for today

❖Improve workflow in both directions' discussion

Improve workflow in both directions

Open Discussion on the following

- Data manually uploaded to County FTP server

- Data Sharing though Microsoft OneDrive/SharePoint File Sharing

- Agencies Publishing Services

- Other options such as using AZGEO?

Improve workflow in both directions

County Topology Improvements after amalgamation

- StreetCenterline Must Be Single Part (Line) 4 errors (2/21/23)
- StreetCenterline Must Not Overlap (Line) 50 errors (2/21/23)
- StreetCenterline Must Not Self Overlap (Line) 2 errors (2/21/23)
- StreetCenterline Must Not Self Intersect (Line) 3 errors (2/21/23)
- StreetCenterline Must Not Have Dangles (Line) 13478 errors (2/21/23)
- StreetCenterline Must Not Intersect (Line) 294 errors (2/21/23)
- StreetCenterline Must Not Intersect Or Touch Interior (Line) 2006 errors (2/21/23)

Improve workflow in both directions

County Topology Improvements after amalgamation

- StreetCenterline Must Be Single Part (Line) 4
- StreetCenterline Must Not Overlap (Line) 50
- StreetCenterline Must Not Self Overlap (Line) 2
- StreetCenterline Must Not Self Intersect (Line) 3
- StreetCenterline Must Not Have Dangles (Line) 13478
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Improve workflow in both directions

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Improve workflow in both directions

Improve validation perform QAQC more often errors (2/21/23)

How often is enough?

- SSAP Essential Geometry
- SSAP NENA Attribute
- SSAP to SSAP
- RCL Essential Geometry
- RCL Network
- RCL NENA Attribute
- RCL to RCL
- SSAP to RCL Fishbone Analysis

Improve workflow in both directions

- **County field SHARE_PUBLIC discussion.**

  - ➡ Domain Values and what do they mean?

    - ➡ YES = Share road segment to a public map

    - ➡ NO = Do not share a road segment to a public map

    - ➡ UNR = Unnamed Road Not For Public and Not Transferred To 1DataGateway Validation

Parsing Road Names for NG911 Discussion
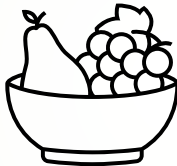
Spanish Street Names.

- Street Name Pre Modifier
- Street Name Pre Directional
- Street Name Pre Type
- Street Name Pre Type Separator
- Street Name
- Street Name Post Type
- Street Name Post Directional

ST_PRETYP	ST_PRESEP	ST_NAME	NGFULLSTNAME
PASEO	DEL	INEZ	PASEO DEL INEZ

ST_PREDIR	ST_PRETYP	ST_PRESEP	ST_NAME	ST_POSTYP	NGFULLSTNAME
EAST	CALLE		VIEJO	ROAD	EAST CALLE VIEJO ROAD

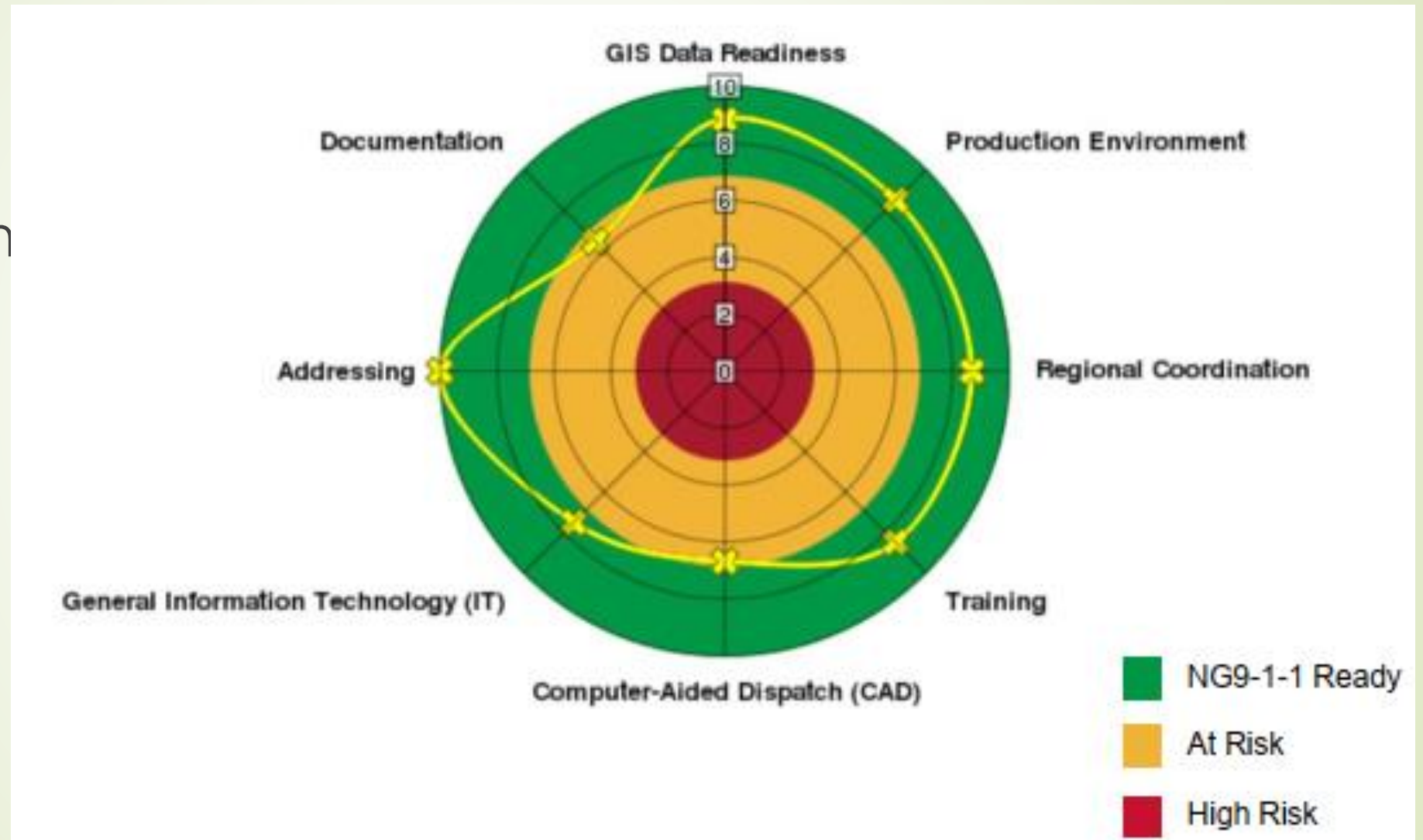| ST_PREMOD	ST_PREDIR	ST_PRETYP	ST_PRESEP	ST_NAME	ST_POSTYP	NGFULLSTNAME
				EL CAMINO	DRIVE	EL CAMINO DRIVE
		CALLE		TAZA DE ORO		CALLE TAZA DE ORO

BREAK TIME 10 MINUTES

Sharing agencies to prepare for Next Generation Core Services

- Are there any changes that has already happened or will happen in preparing for, if anything new is planned?
  - New domains (lookup tables)?
  - New fields being added?
  - Workflow changes?
  - New staffing?

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Gap Analysis – Strategic Plan

➡ GIS Gap Analysis with Mission Critical Partners June 2021

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Gap Analysis – Strategic Plan

- Updated Strategic plan annually.

- Annual review of PSAP polygon.

- **Sharing** County 911 specific documentation

- Improve the address update process from the Incorporated agencies **to be weekly.**

- Improve GIS data against the legacy tabular data (GIS Accuracy report fallout)

- Setup access for multiple GIS data maintainer agencies to the Intrado unified portal

- Obtain VoIP ALI records and compare to GIS data.

- Improve location information in multi-line telephone systems (MLTS)/(PBX) systems.

- GIS data providers become more aware of the NG9-1-1 GIS data schema.

- Update County GIS workflows to support a **72-hour timeframe data correction process**.

- Validation testing of GIS data perform **monthly quality assurance /quality control (QA/QC).**

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Wrap-up - Next meeting

❖ Things to remember:

❖ Next meeting potential topics April (Verde Valley)?:
   - ❑ City Workflow
   - ❑ Countywide Workflow
   - ❑ Statewide Workflow