

# Next Gen 911 GIS Update

**Pokey Harris**  
*Executive Director  
911 Board*

**Gerry Means**  
*Network Engineer  
911 Board Staff*

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# 911 Transformation Journey

## Yesterday Location-CENTRIC



Enablers:  
**Local Public Safety Resources**  
**Vendor Proliferation**  
Benefit:  
**Local control**

## Today Technology-CENTRIC



Enablers:  
**Vendor consolidation**  
**Solidification of standards**  
**Statewide structure**  
Benefit:  
**Variety of options,**  
**Consistency of delivery**

## Tomorrow Citizen-CENTRIC



Enablers:  
**Ubiquitous IP,**  
**GIS routing, Call analytics,**  
**Enhanced regional cooperation,**  
**Enhanced citizen demographics**  
Benefit:  
**User empowerment,**  
**Staffing flexibility,**  
**Lower costs**



# NC NG911: Project Progress

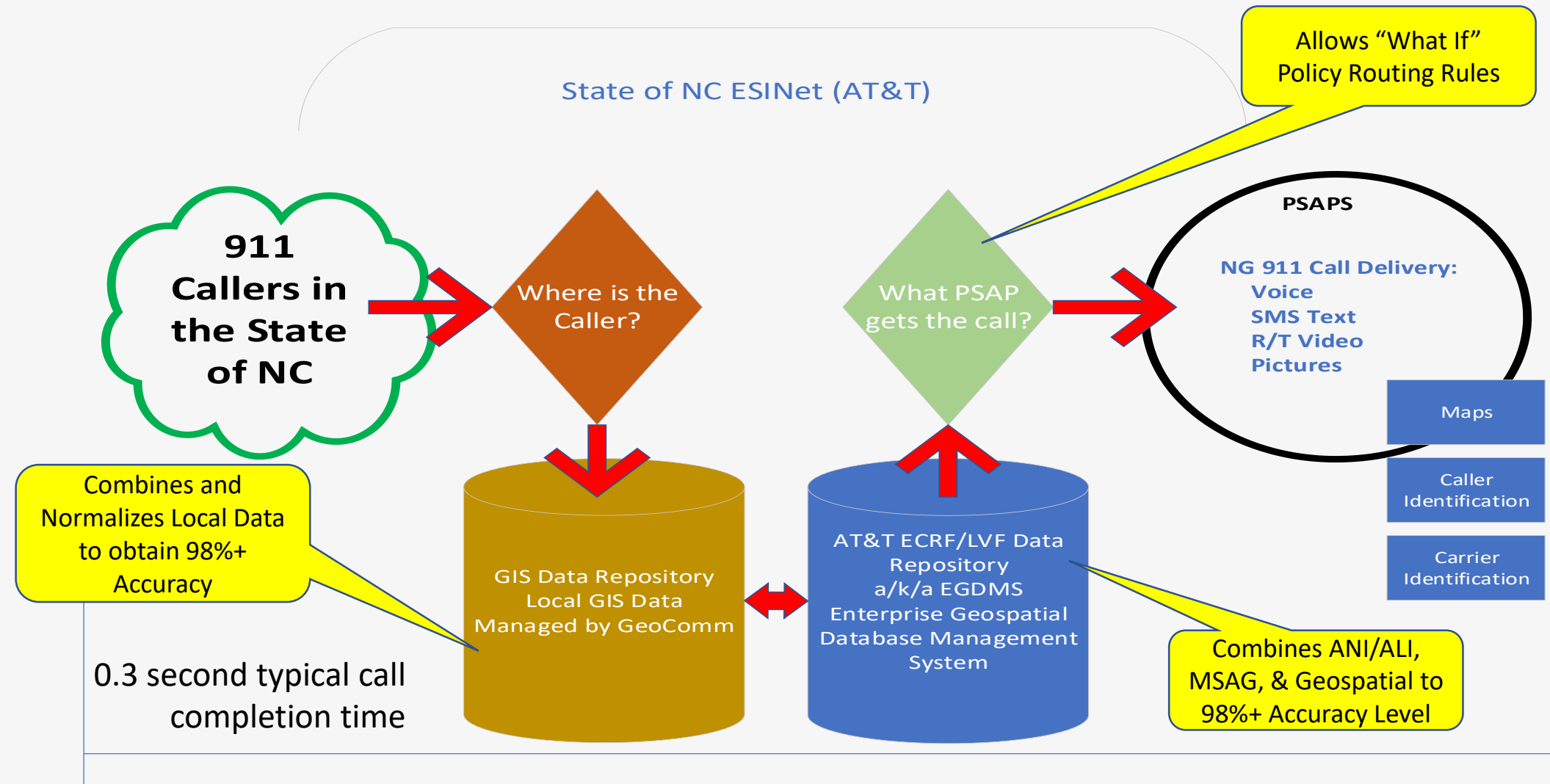
- Highlights

- On track to achieve migration goal of 40 PSAPS in production on the NG911 network by EoY 2019
- 90%+ Project participation rate among approved PSAPs and growing
- Project goal is 100% migration to ESINet by EoY 2021

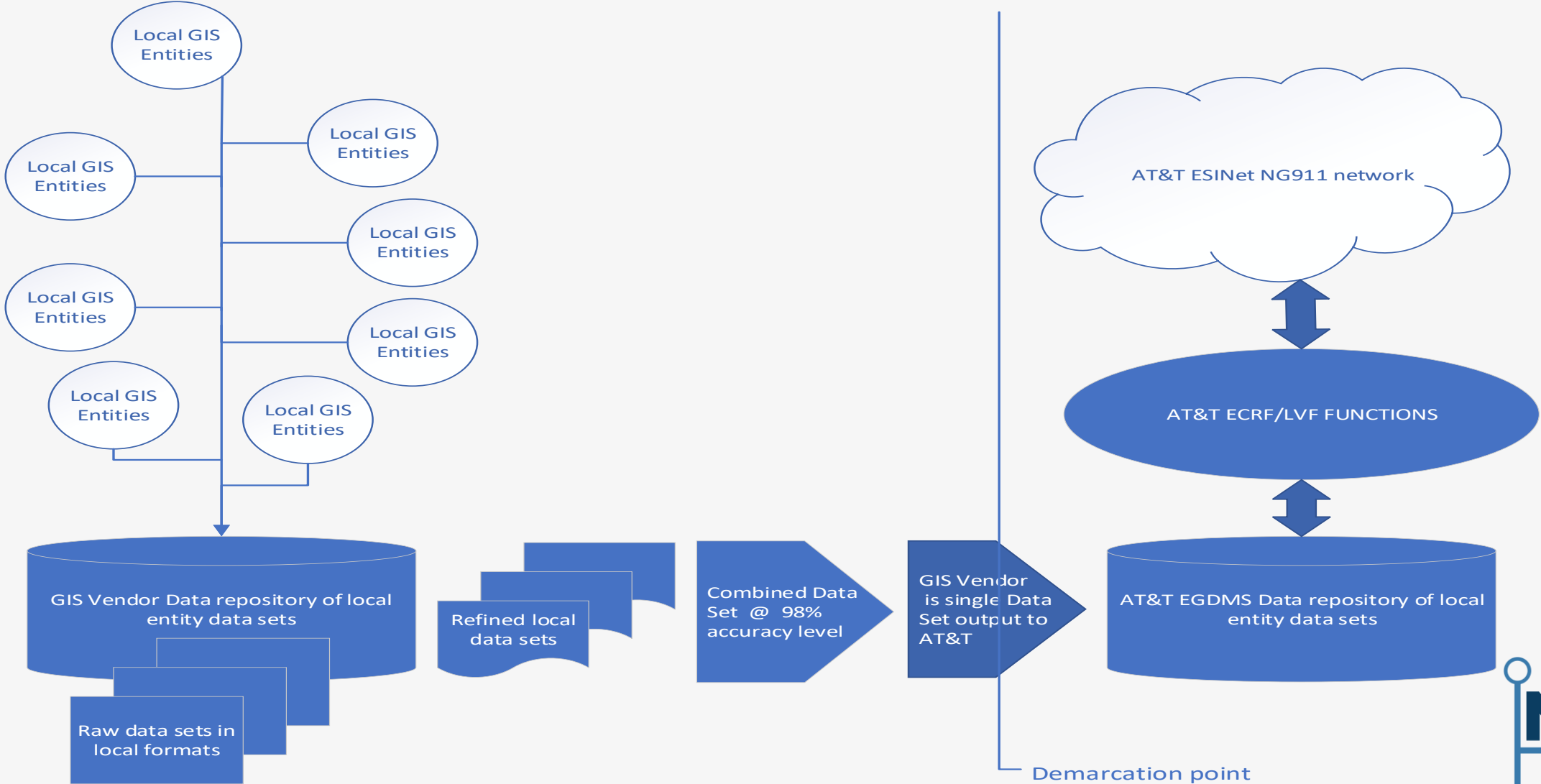
[NC NG911 Deployment Map](#)

Live status of project updated frequently on website that will include GIS i3 migration as the project matures

# NC NG911: The GIS view



# NC NG911: The GIS view, con't



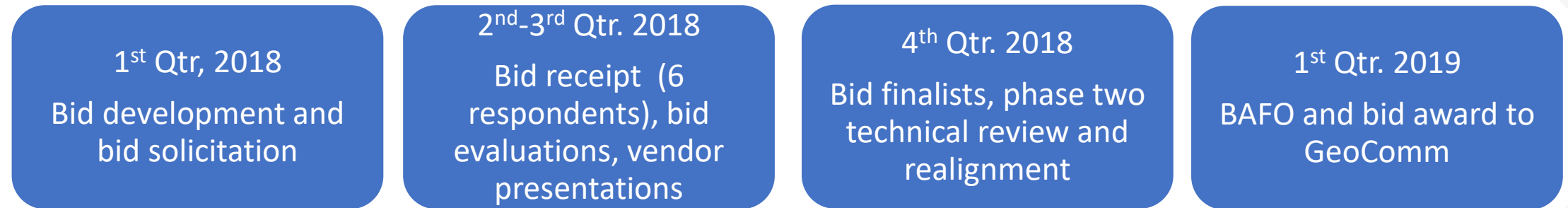
State of NC GIS integration plan for NG911 i3 call routing



# NC NG 911: GIS Vendor Selection

## Program Timeline

### Procurement



### Project Initiation

- Project Kickoff for NG911 GIS data assimilation : April 16, 2019
- Pilot PSAP GIS coordination work began May 3<sup>rd</sup> with kickoff call
- Regional Kickoff sessions begin June 4<sup>th</sup> through June 25<sup>th</sup>



# NC NG911:GIS Vendor Deliverables

## GIS Managed Services system: GIS Data Hub

- Initial system installation and configuration
- Ongoing quality control feedback loop – GIS data and ALI/MSAG synchronization
- Ongoing statewide aggregated dataset updates and changeset deliveries to AT&T

## Educational sessions/trainings by regions

## Onsite meetings with each individual jurisdiction

## Stitch point layer along boundaries between jurisdictions

## Optional:

- Cell sector and cell site layer for the State depending on need and availability of resources
- GeoComm Maintainer ArcGIS Desktop toolbar
- GeoComm Resolver ArcGIS Desktop add-in for QC error management

# QUESTIONS?

