



GIS Data & NG911 Readiness

Exploring Strategies, Dispelling Misconceptions

September 27, 2022

Meet the Presenter

Robert Horne, ENP

- Technical Domain Lead
- 30 Years in GIS

<https://www.linkedin.com/in/robertghorne/>
RobertHorne@MissionCriticalPartners.com



Topics for Today



Geographic Information Systems



GIS Data



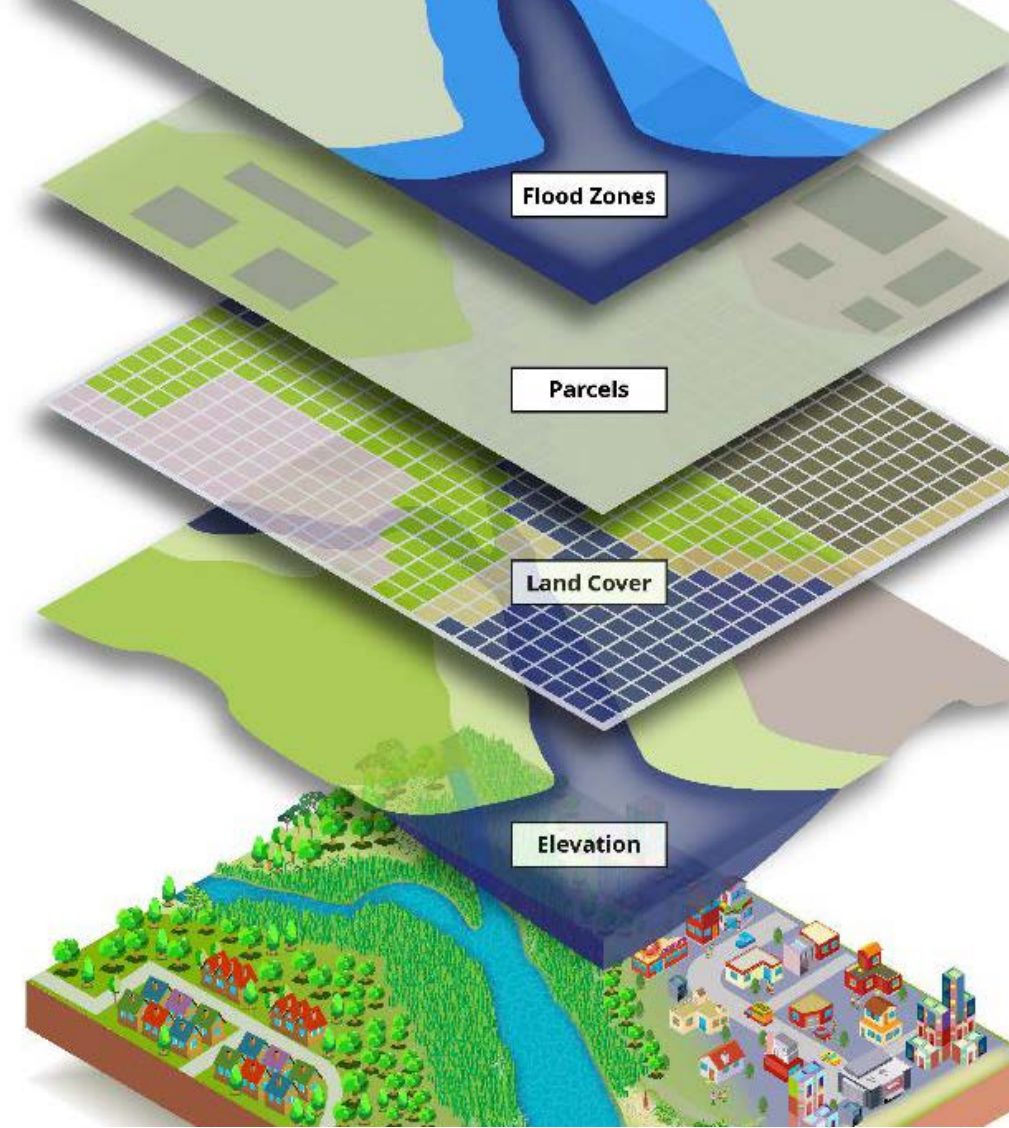
Next Generation 911 GIS Readiness



Strategies for Success

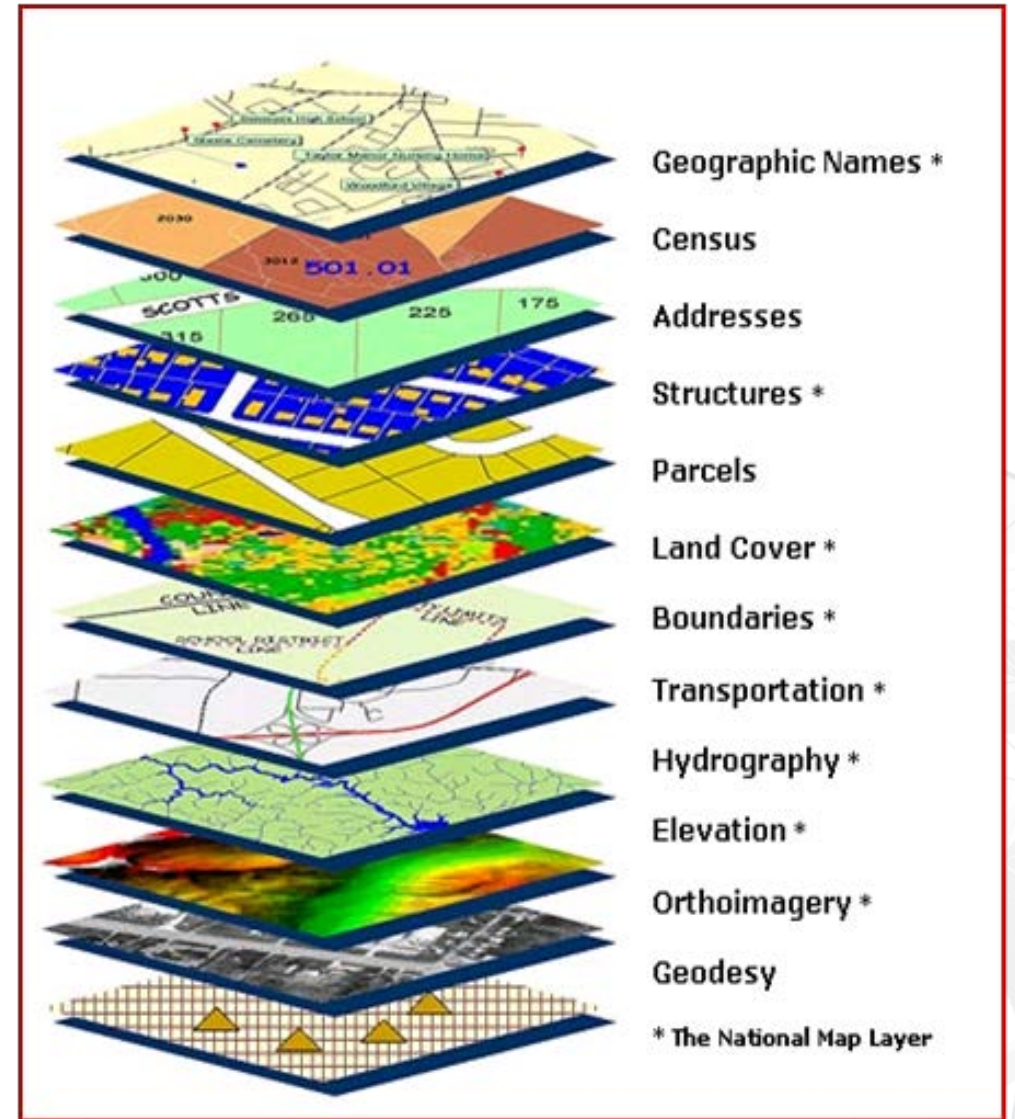


Myth-busting



What is GIS

- Layers of data
- Place – aware
- Analytics
- Visualization of information



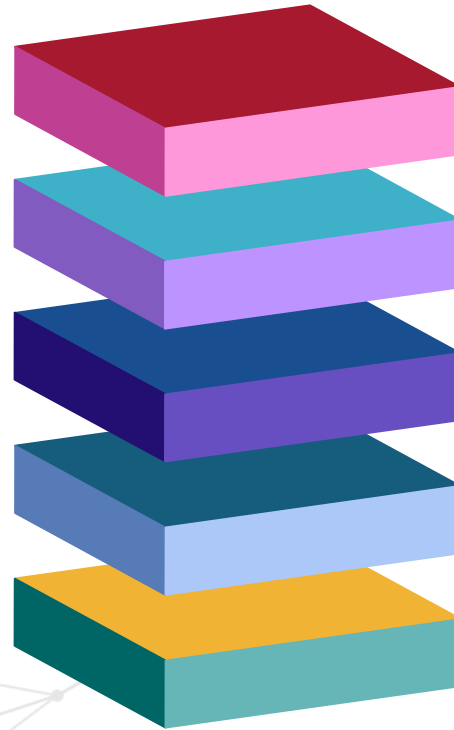
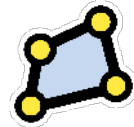
What GIS Data is Required for NG911?

Road Centerline (RCL)



PSAP Polygon

Strictly used for call routing via point in poly query



Address Points (SSAP)



ESB Polygon

Identifies primary response agencies based on location

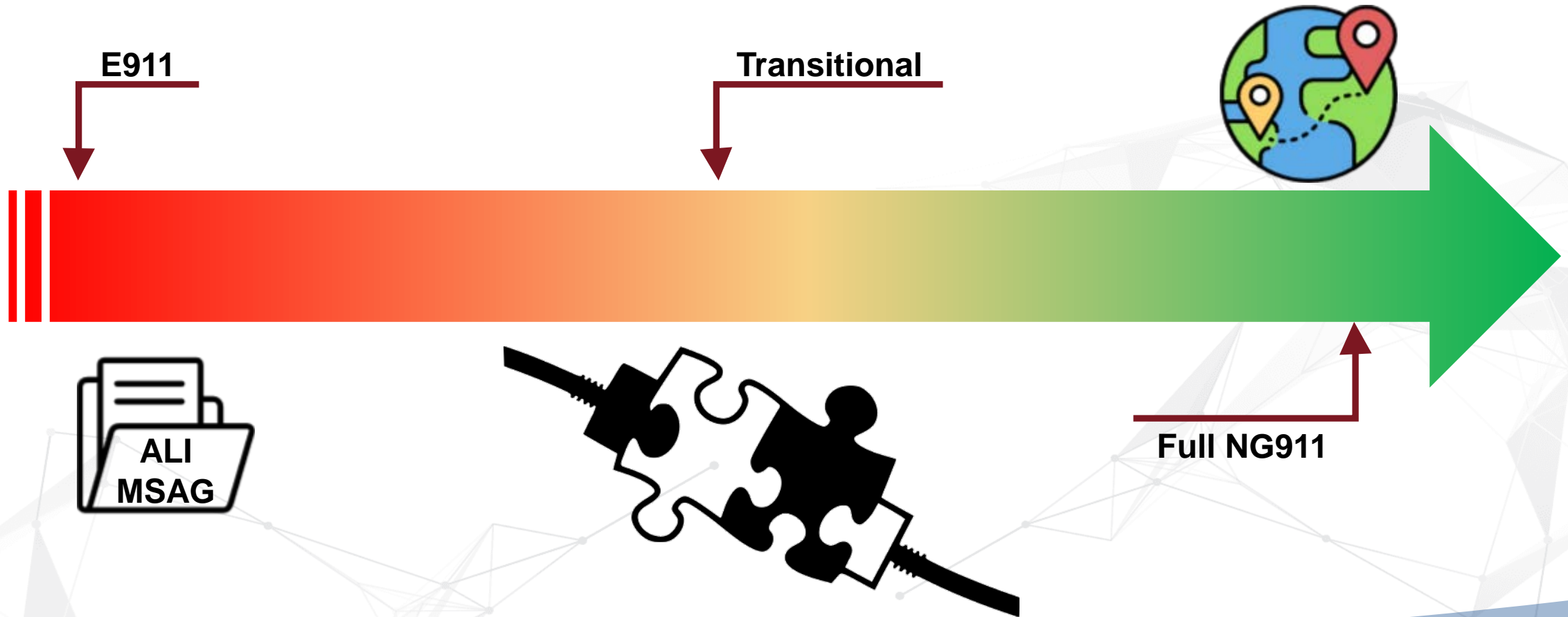


Provisioning Polygon

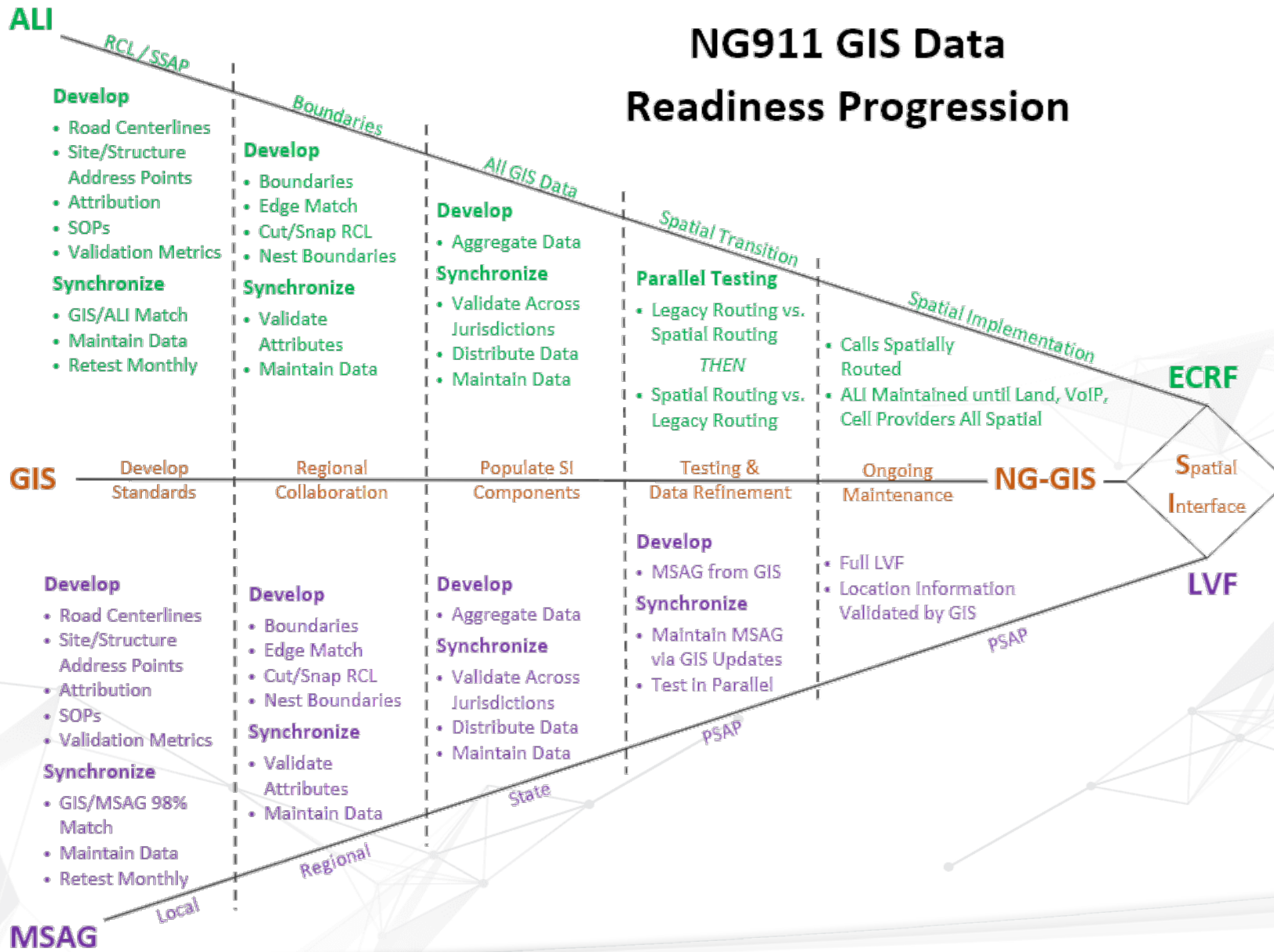
All GIS data must fit within the submitter's provisioning boundary polygon

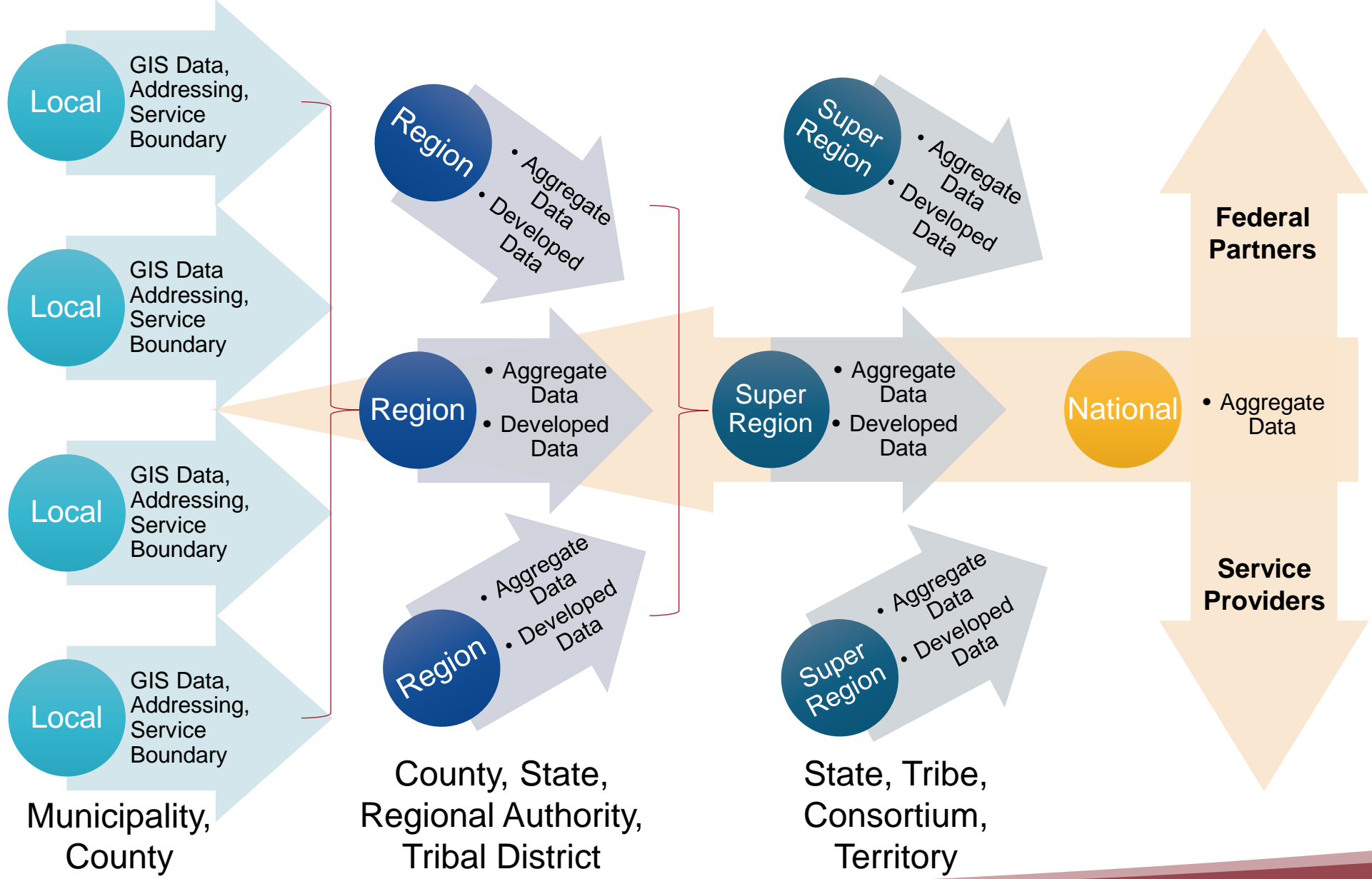


Path to NG911 GIS Readiness



NG911 GIS Data Readiness Progression





Myths and Righting-the-Ship Strategies

FACT or FICTION?

GIS is **big**, it's **scary**, AND it's **expensive**.

FACT

Procrastinating on GIS needs is OK for now.

FICTION

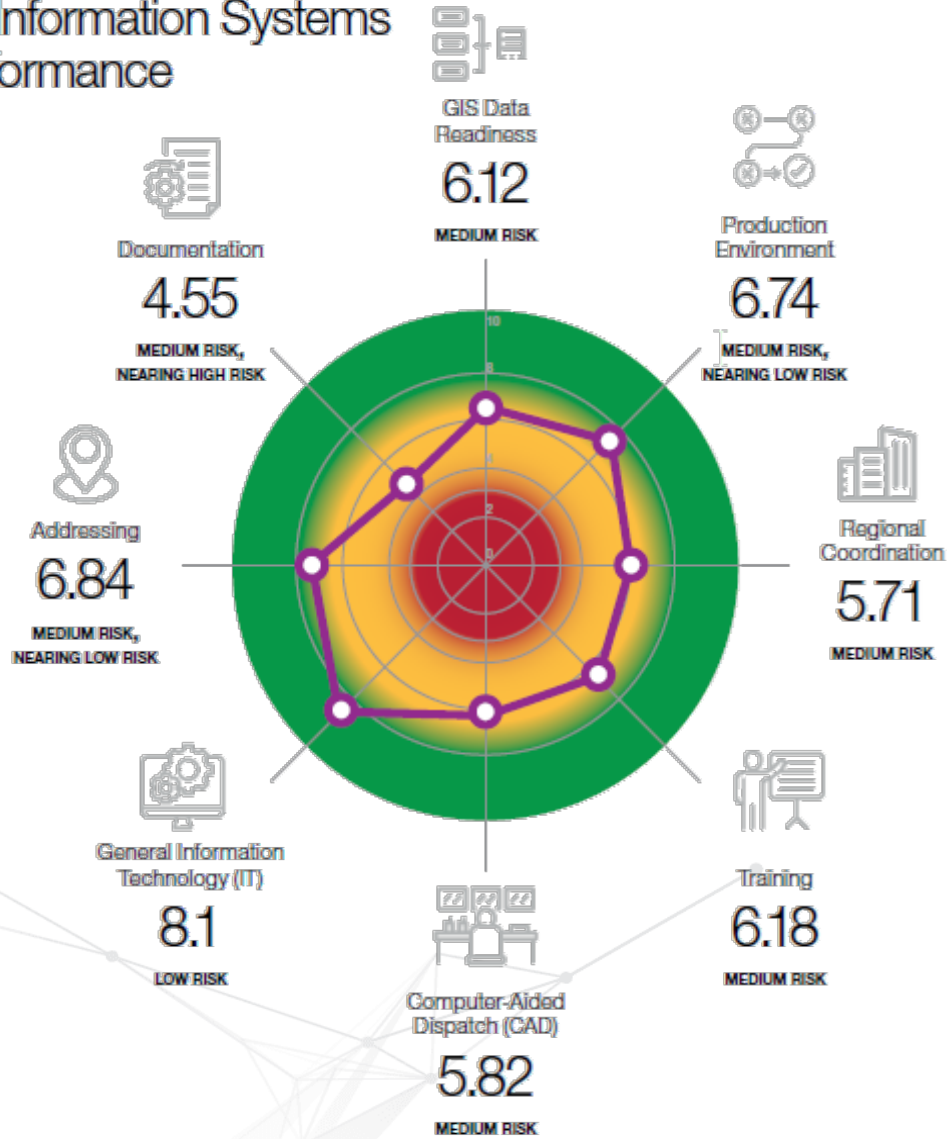
Myths and Righting-the-Ship Strategies

FACT or FICTION?

I am sure GIS has everything under control.

Probably FICTION

Geographic Information Systems Industry Performance



Myths and Righting-the-Ship Strategies

FACT or FICTION?

NG GIS data is a one-and-done effort.

FICTION

My GIS needs to stop at my PSAP boundary.

FICTION

Myths and Righting-the-Ship Strategies

FACT or FICTION?



NG GIS is possible with free GIS data.

FICTION

The ALI and MSAG are maintained after NG911 cutover.

FACT

There is no danger in sharing NG GIS data.

FACT

Myths and Righting-the-Ship Strategies

FACT or FICTION?

All GIS professions are the same.

FICTION

Your GIS data and ALI must match to at least 98%.

FACT

Thank You.
Questions, comments?

www.MissionCriticalPartners.com



Your Mission Matters

M MissionCriticalPartners