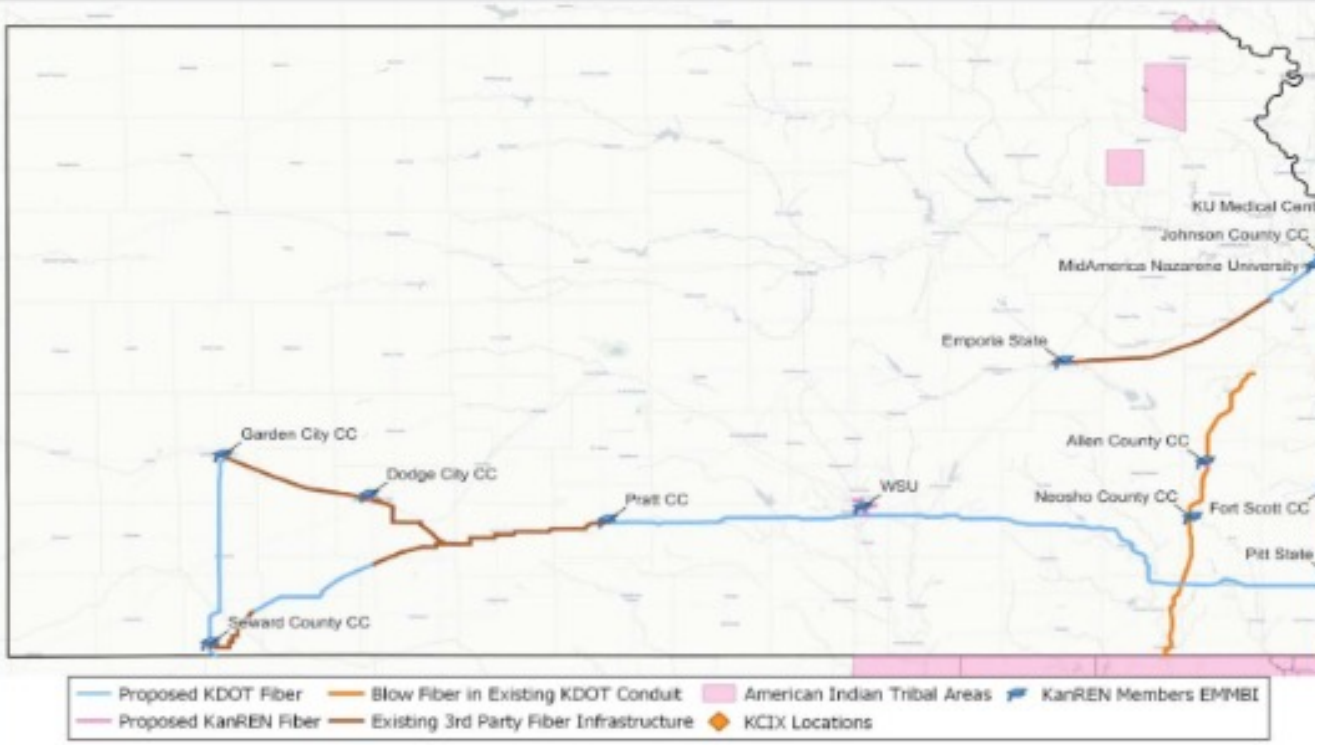
MIDDLE-MILE PARTNERSHIP

KDOT, KANREN, anchor institutions and Kansas communities will benefit from a middle-mile project.

New Infrastructure

- **US-83: Liberal to Garden City** - *70 Miles*
- **Pratt - Wichita** - *79 miles*
- **Kismet - Minneola** - *43 miles*
- **US-400/US-54: K-96 & US-54 junction to US-69 junction** - *158 miles*
- **US-69: Stateline to Kansas City location** - *157 miles*
- **Wellsville - KC IPX** - *41 miles*
- **US-169: US-166 to Greeley Regeneration Building** - *106 miles*

DESIGNATED ROUTES



NEXT POWERED BY NAEC

CLAY COUNTY CONNECT YOUR LOCAL BROADBAND

ozarks go

MCECFIBER FAST · UNLIMITED · RELIABLE · LOCAL

WAVE RURAL CONNECT

empower DELIVERED BY CRAIGHEAD ELECTRIC

Farmers Rural CONNECT

Petit Jean Fiber

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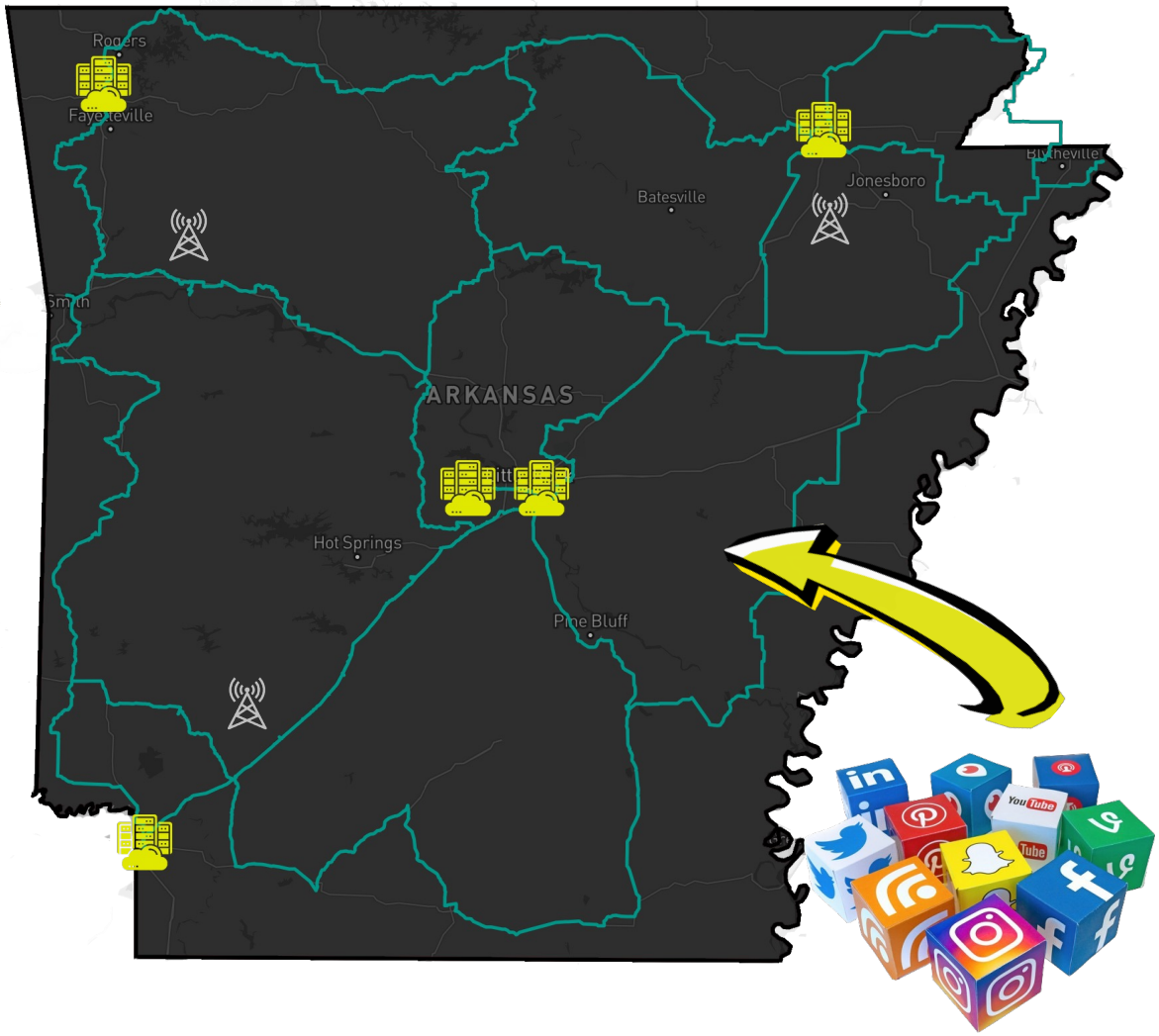
FOUR STATES FIBER INTERNET

CONNECT 2 First Powered by First Electric

Arkansas Fiber Network

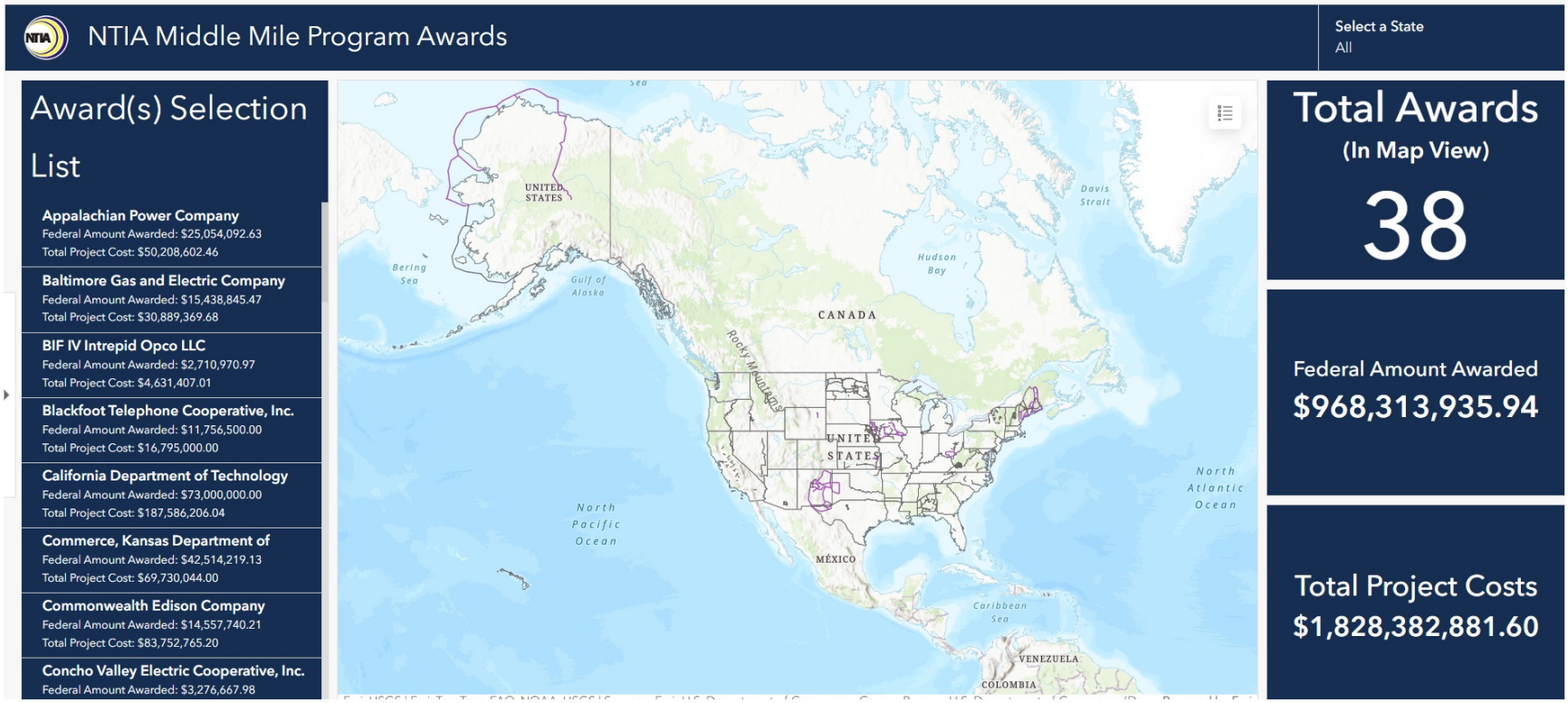
SOUTH CENTRAL connect

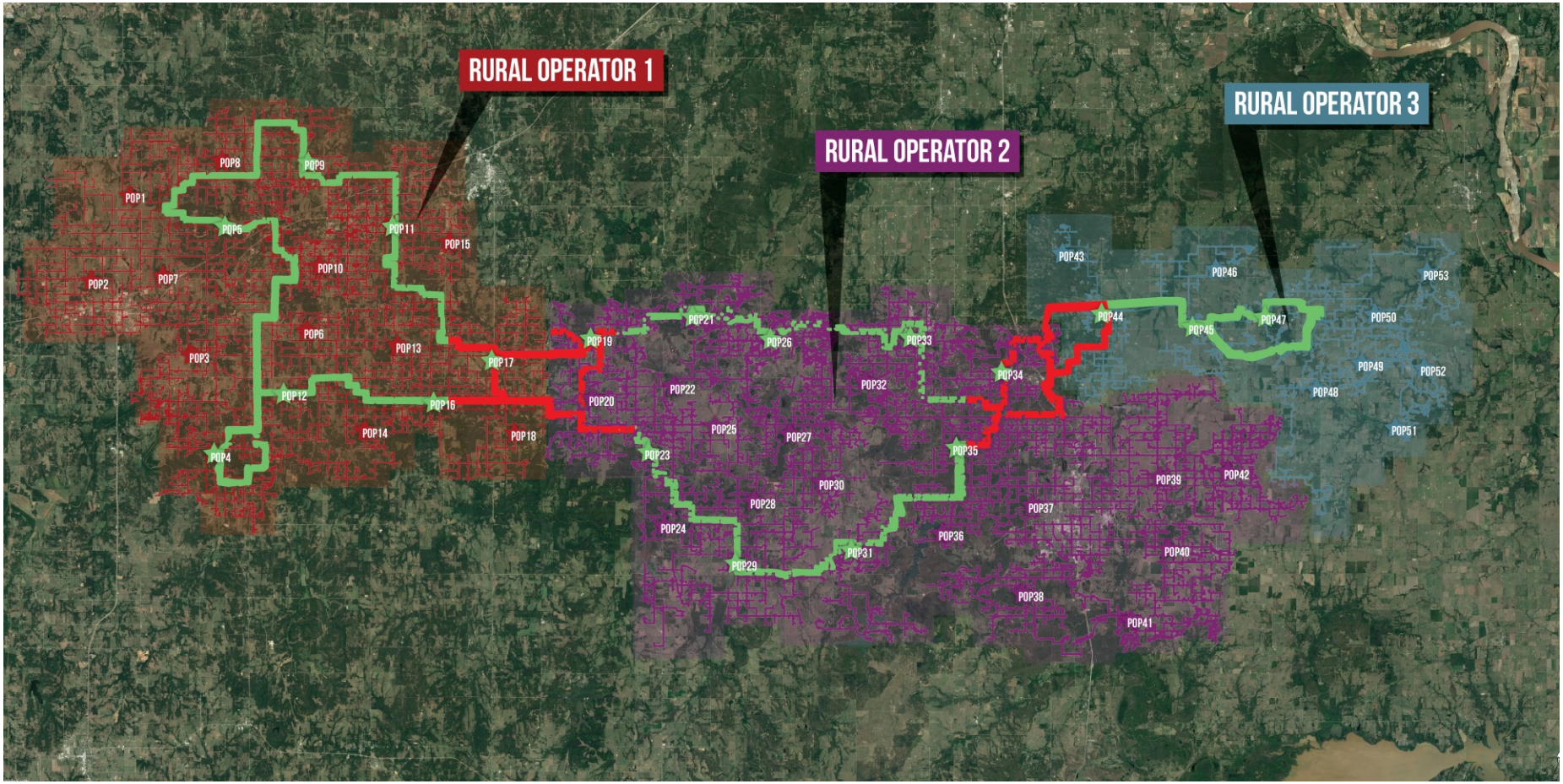


Diamond State Networks

NTIA Middle Mile Program Awards

Broadbandusa.ntia.doc.gov/resources/data-and-mapping, then Public GIS Data and Middle Mile




RURAL OPERATOR 1
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RURAL OPERATOR 3
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The Urban-Rural Divide (Latency)

- Urban areas have large customer sets and are served by centralized data centers within their geographic boundaries. Most cities within a radius of 100 miles
- Rural areas will see an explosion of fiber builds in the next 5 years but can not be served by centralized data centers for low latency applications
- Average ping greater than 5ms within network. Cyber Sickness at >7ms
- The next digital divide will be not of speed but of latency
- Rural Areas may end up having access to remote work and distance learning and then have no access to tele-presence and virtual classrooms.
- Lack of MM creates a new Digital Divide

NTIA Middle Mile Program Awards

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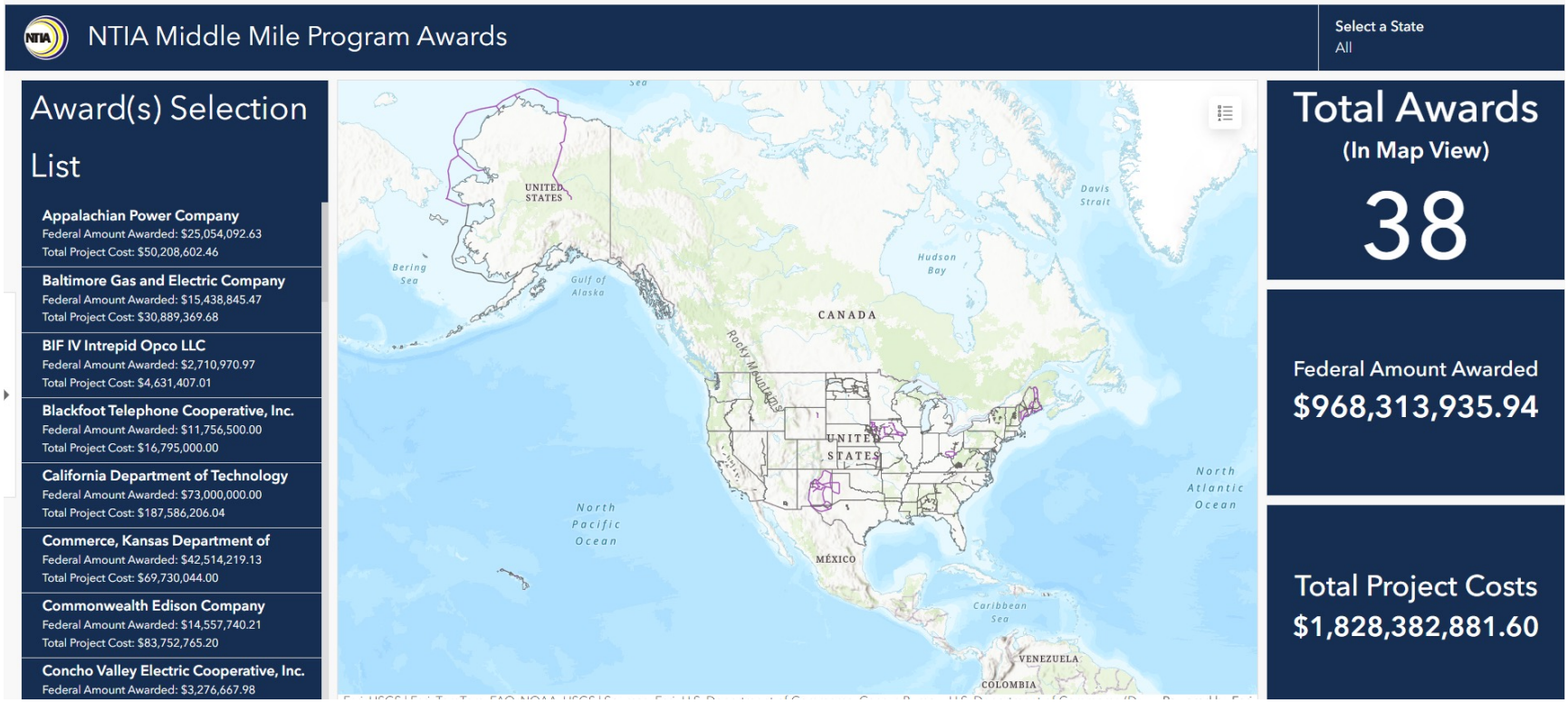

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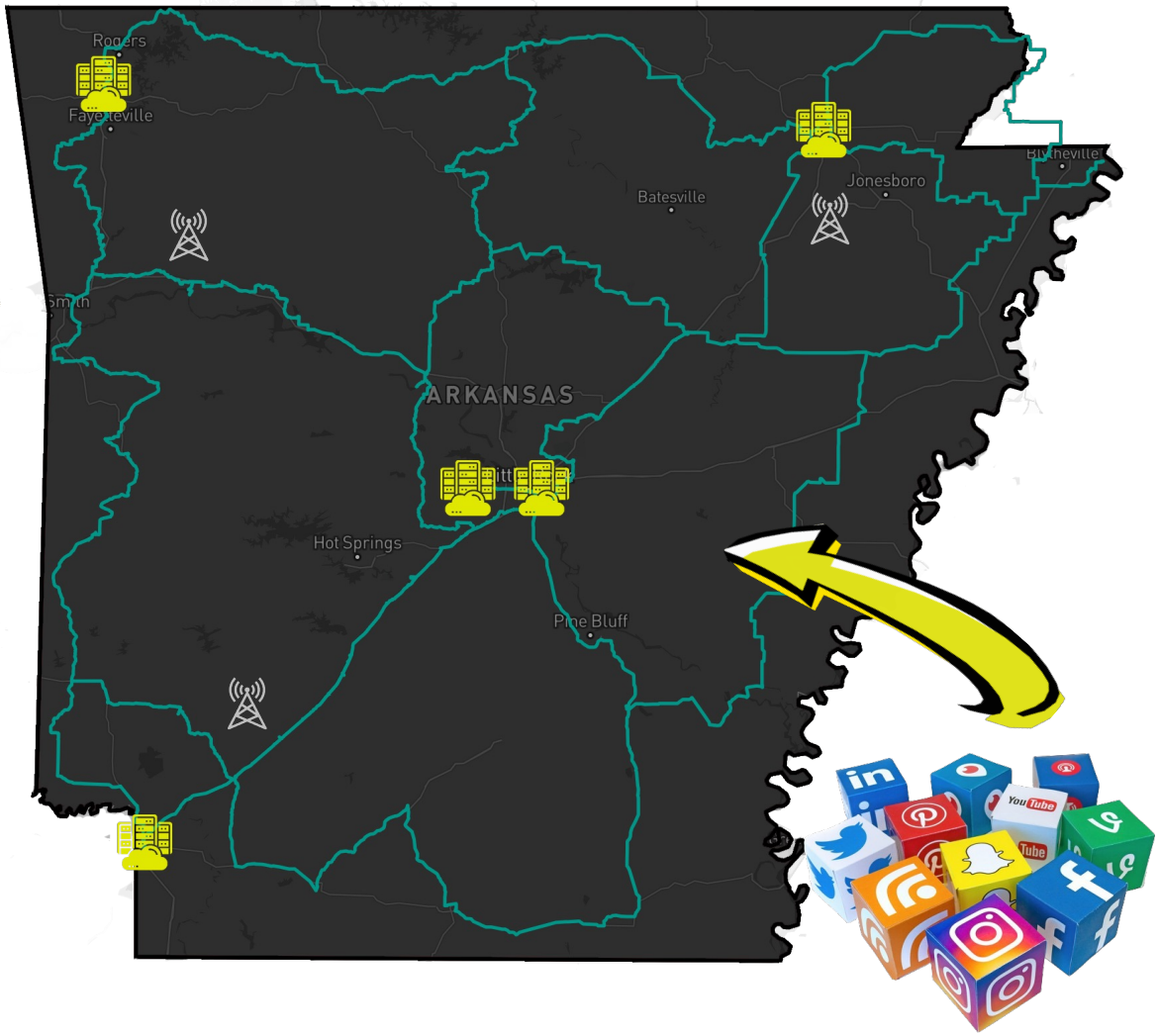

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