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PUBLIC SAFETY ADVOCATE

ALLTHINGSFIRSTNET.COM



Coverage Issues for FirstNet

FirstNet Build-Out Schedule: Band 14

Contract Awarded/Signed: March 30, 2017
Now in Month 20 of the Contract!

| Timing/Area | IOC-1 6 months from award | IOC-2 12 months | IOC-3 24 months | IOC-4 36 months | IOC-5 48 months | FOC 60 months |
|--|---------------------------------|---|---|---|---|--|
| G. Coverage and Capacity Solutions (State and Territory Task Orders) | | <ul style="list-style-type: none"> Achievement of 20% of Contractor's proposed Band 14 coverage in non-rural areas | <ul style="list-style-type: none"> Achievement of 60% of Contractor's proposed Band 14 coverage in non-rural areas | <ul style="list-style-type: none"> Achievement of 80% of Contractor's proposed Band 14 coverage in non-rural areas | <ul style="list-style-type: none"> Achievement of 95% of Contractor's proposed Band 14 coverage in non-rural areas | <ul style="list-style-type: none"> Achievement of 100% of Contractor's proposed Band 14 coverage in non-rural areas |

However, more than 60% coverage for ALL of AT&T's LTE spectrum



Bottom Line: Public safety has more FirstNet coverage today than if this had been a Band 14-only network!

FirstNet Coverage

- ➔ How to achieve better coverage
 - Fill in dead spots (in Process)
 - Extend network coverage (in Process)
 - Roll out Band 14 (in Process)
 - Find additional funding to augment rural coverage
- ➔ State and federal agencies have rural funding grants available
 - FirstNet coverage can be augmented

Overview

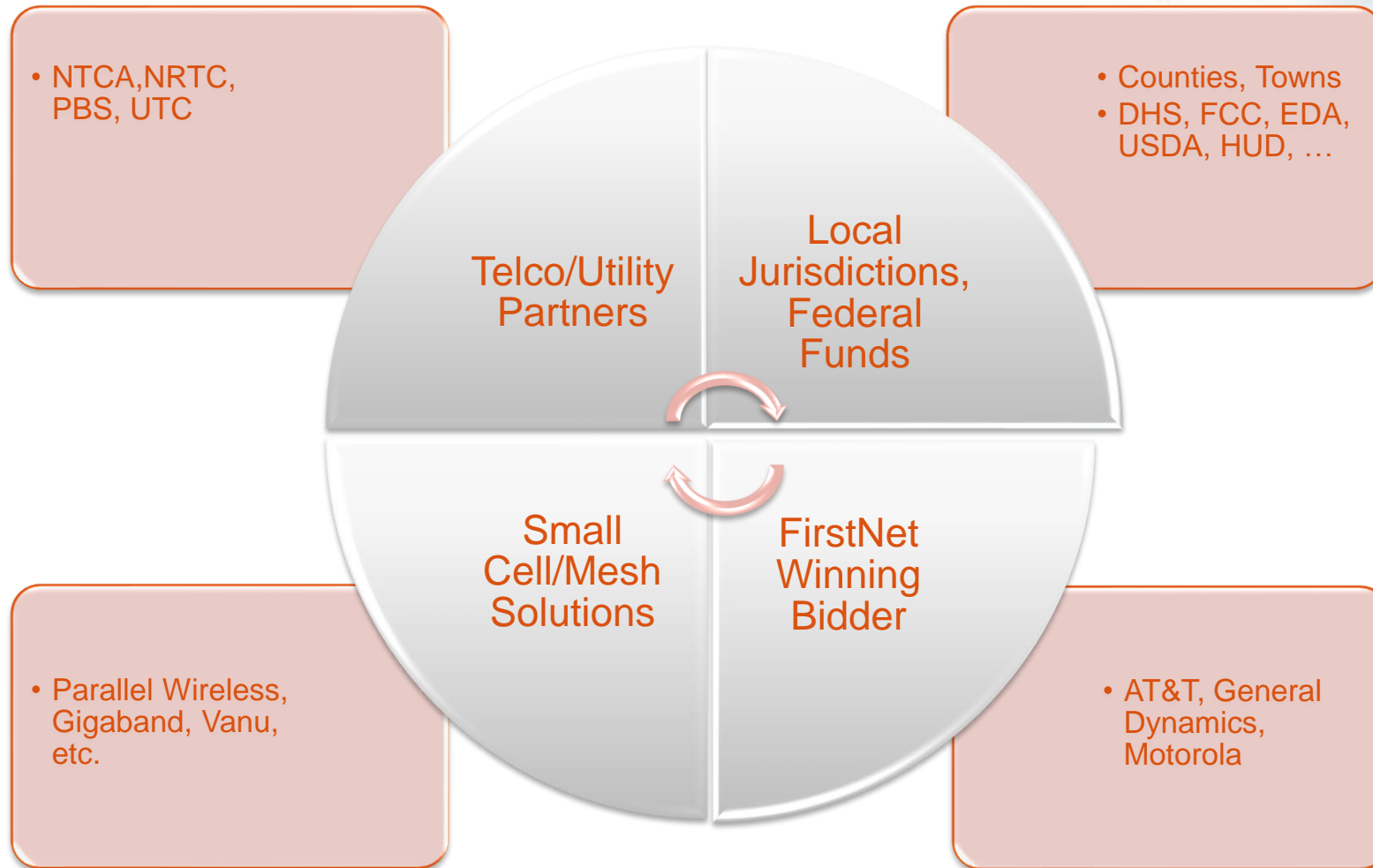
- Identify the champions and establish the program team
- Evaluate and prioritize grant/loan opportunities (DHS, FCC, EDA, USDA, and HUD)
- Review value-add to public safety
- Leverage benefits beyond public safety – concurrent solutions
- Opportunities to offset resource impacts and costs
- Synchronize schedule with FirstNet State Plan timeline
- Deliverables and proposal

Rural Coverage

➔ Formula for success

- Determine which federal grants meet the needs of the area
 - DHS/FEMA grants now available for FirstNet equipment
 - Poverty level, hardship industries, identified coverage gaps
 - Telemedicine, education, economic development, agriculture-related grants
 - Seek partnering opportunities with local telcos or utilities
 - Consider lower-cost, smaller-scale solutions
- Caveats
 - Applications are due at different times
 - Some federal grant agencies believe only in fiber to the home
 - Farmers and others who need rural broadband need it in the fields as well as schools and homes
 - The best way to approach these grants is with county-level buy-in and a good relationship with FirstNet/ATT

Rural Agency Adoption Framework



Questions?

Comments?