



Combined Committee and Board Meeting

September 18, 2019



Combined Committee and Board Agenda

11:00 – 11:20 AM	Governance and Personnel Committee Update
11:20 – 12:05 PM	Public Safety Advocacy, Technology and Finance Committee Updates – Investment Recommendations <ul style="list-style-type: none">• Coverage Enhancement Investment Recommendation• Network Enhancement Investment Recommendation
12:05 – 12:35 PM	Closed Session
12:35 – 12:45 PM	Board Resolution 102
12:45 – 1:00 PM	Closing Remarks
1:00 PM	Adjourn



Governance & Personnel Committee Update

Edward Horowitz | Committee Chair



2019/2020 Board Meetings

Meeting	Date	Location
December	Thursday, December 5, 2019	Miami, FL
March	Thursday, March 19, 2020	Los Angeles, CA
June	Wednesday, June 17, 2020	Austin, TX
August (FY 2021 Budget)	Tuesday, August 18, 2020	Teleconference
September	Wednesday, September 30, 2020	Washington, DC/Reston, VA
December	Wednesday, December 9, 2020	TBD

Public Safety Outreach

FirstNet Adoption Events



FirstNet Cell Site Launches



Public Safety Engagements





FirstNet Authority Investment Recommendations

Public Safety Advocacy, Technology & Finance Committee Updates

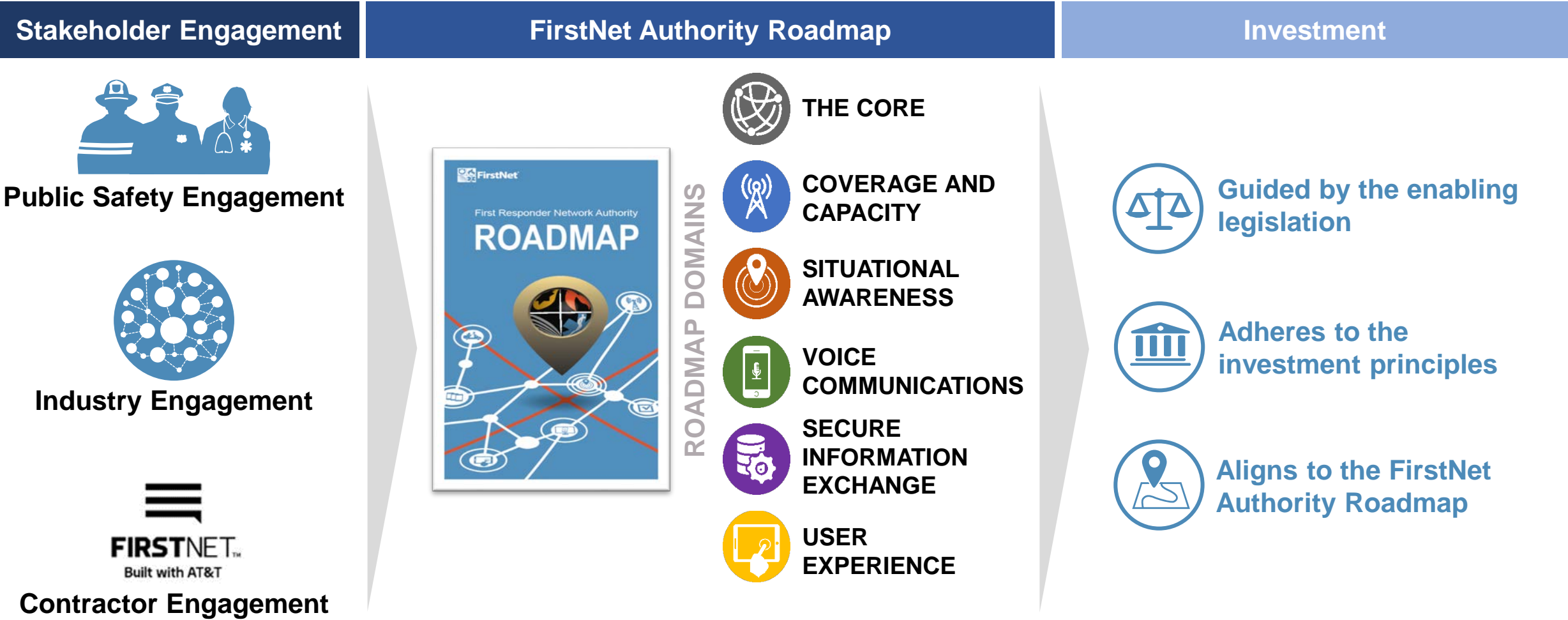
Richard Stanek | Public Safety Advocacy Committee Chair

Neil Cox | Technology Committee Chair

Robert “Tip” Osterthaler | Finance Committee Chair



FirstNet Authority's Path to Investment



Coverage Enhancement Investment Recommendation



Expand the NPSBN Deployables Fleet

Current NPSBN Deployables Fleet

- **72 FirstNet-dedicated** deployable assets available nationwide
- **Subscribing agencies can request deployables** to support disasters, critical incidents, and planned events
- **Service includes** all expenses directly associated with FirstNet deployables at no additional cost to FirstNet subscribers



Coverage Enhancement Opportunity Overview

Public Safety Feedback

- Public safety wants transparency on where coverage exists today and the ability to guide where it will expand in the future
- Fixed, reliable wireless broadband coverage is preferred for public safety operations especially as it becomes foundational to public safety communications
- Temporary coverage solutions must be readily available to an agency and their use must easily integrate into public safety operations

Roadmap Priorities

- Increase outdoor and indoor coverage, particularly Band 14, at locations deemed to be public safety priorities
- Advocate for changes in policies, codes, and standards to facilitate in-building coverage enhancements
- Grow and enhance the deployable fleet considering varying operational needs, staging locations, and technology options

Investment Opportunity

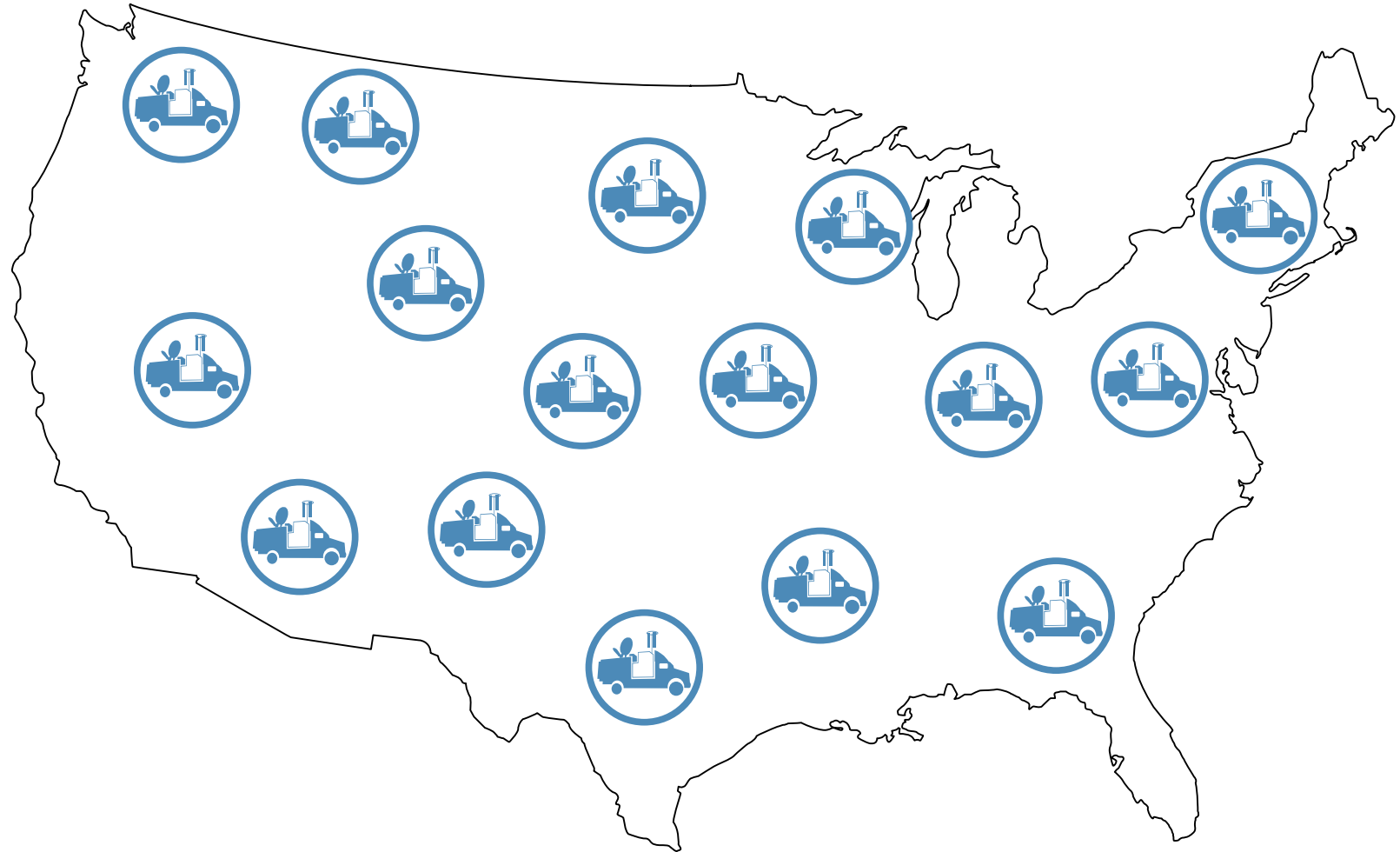
Expand Deployable Capability

To increase and optimize the FirstNet deployables service

Increases public safety sentiment and differentiates the FirstNet Solution through dedicated and readily available deployable capability

72 FirstNet-Dedicated Deployables Nationwide

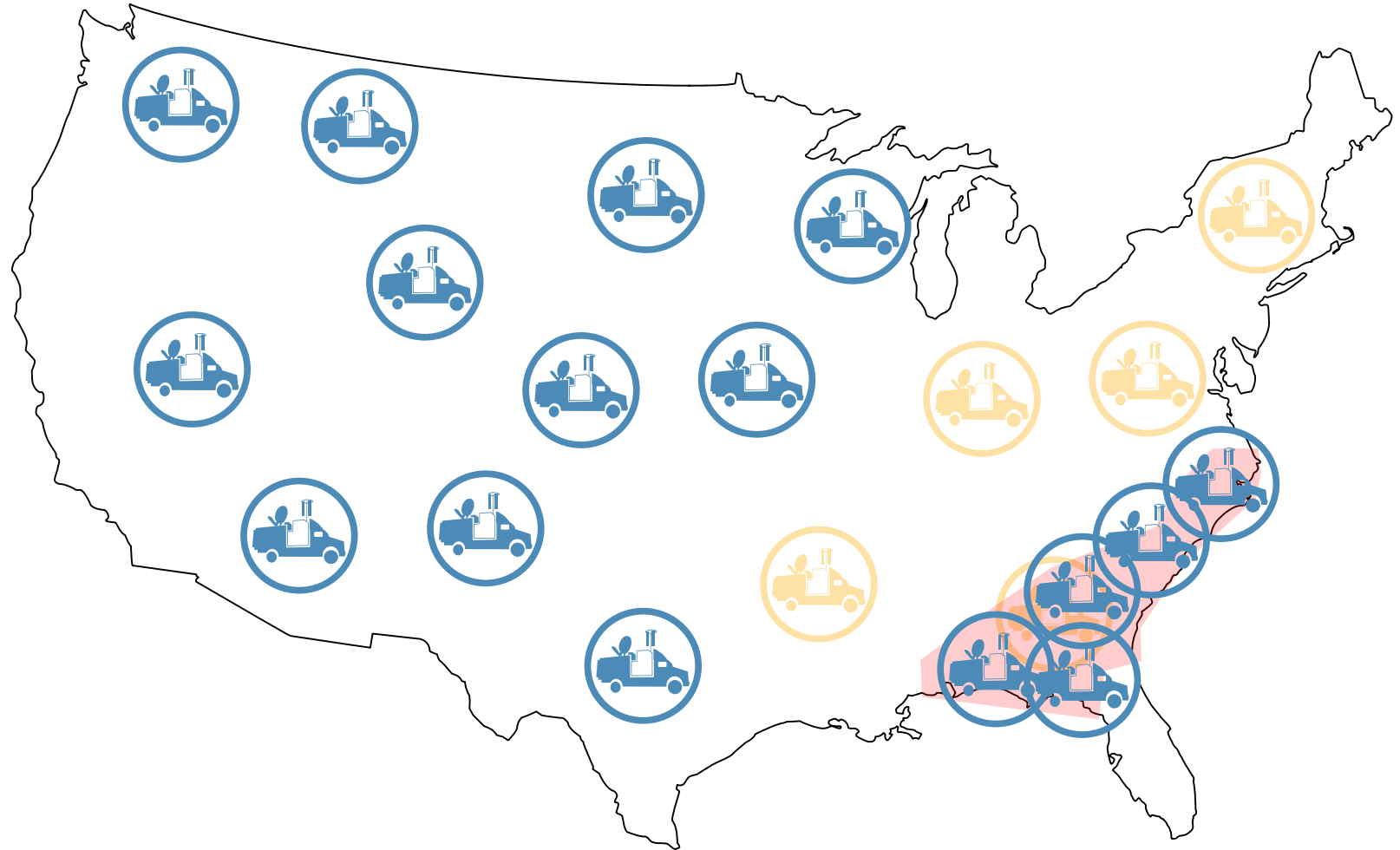
- **Demonstrated success** providing temporary coverage and capacity solutions that easily integrate into public safety operations
- **Increased demand** since the availability of the service
- **Anticipated growth in public safety adoption of FirstNet** will result in more requests for deployable services



*Notional: Does not represent actual locations

Hurricane Response Example

- Activation of **multiple deployables** across the nation to support the hurricane
- Supported **initial response** and **remained to support recovery** efforts in the region
- **Added capacity** in constrained areas
- **Restored coverage** in outage areas



*Notional: Does not represent actual locations

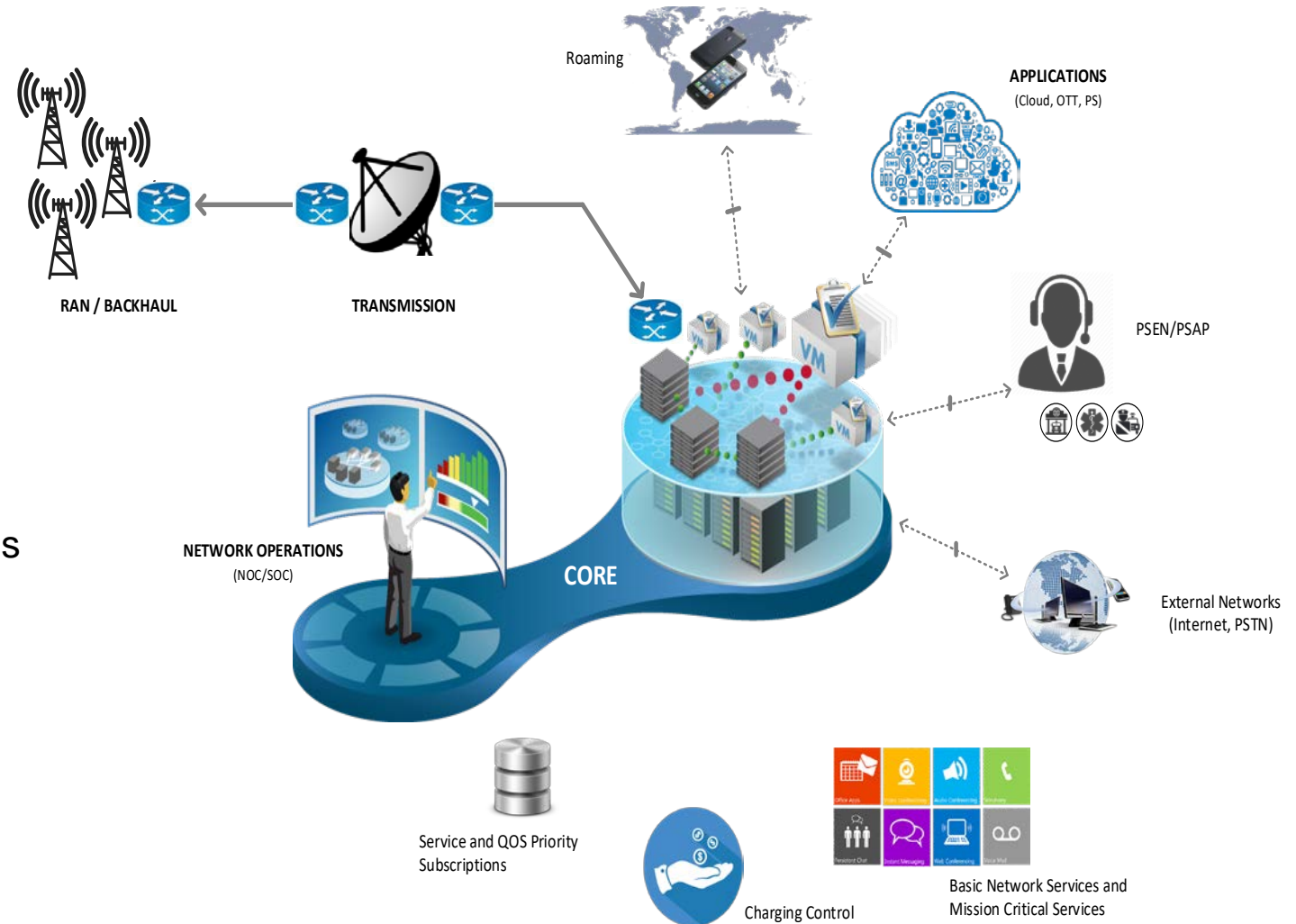
Network Enhancement Investment Recommendation



Enhance the FirstNet Core for 5G network capabilities

Current FirstNet Network

- Public safety **always** gets **priority and preemption**
- **Highly secure network** to meet public safety's data requirements
- **Controlled access** by public safety agencies for their users
- Coverage **where public safety operates**
- Enhanced user experience



Network Enhancement Investment Opportunity Overview

Public Safety Feedback

- A dedicated core is necessary to ensure mission-critical levels of availability, reliability, priority, and security
- The public safety community expects the FirstNet core to remain current with the continued evolution of features, functions, and capabilities as specified in standards and available by technology providers

Roadmap Priorities

- Advance mobile broadband priority standards for public safety through continued involvement in relevant standards development and exploration
- Begin work on greater core distribution/cloud-based operations in more locations with content closer to users
- Investigate the evolution for the Core to take advantage of emerging technologies and ensure foundations are in place for next generation enhancements (e.g., 5G)

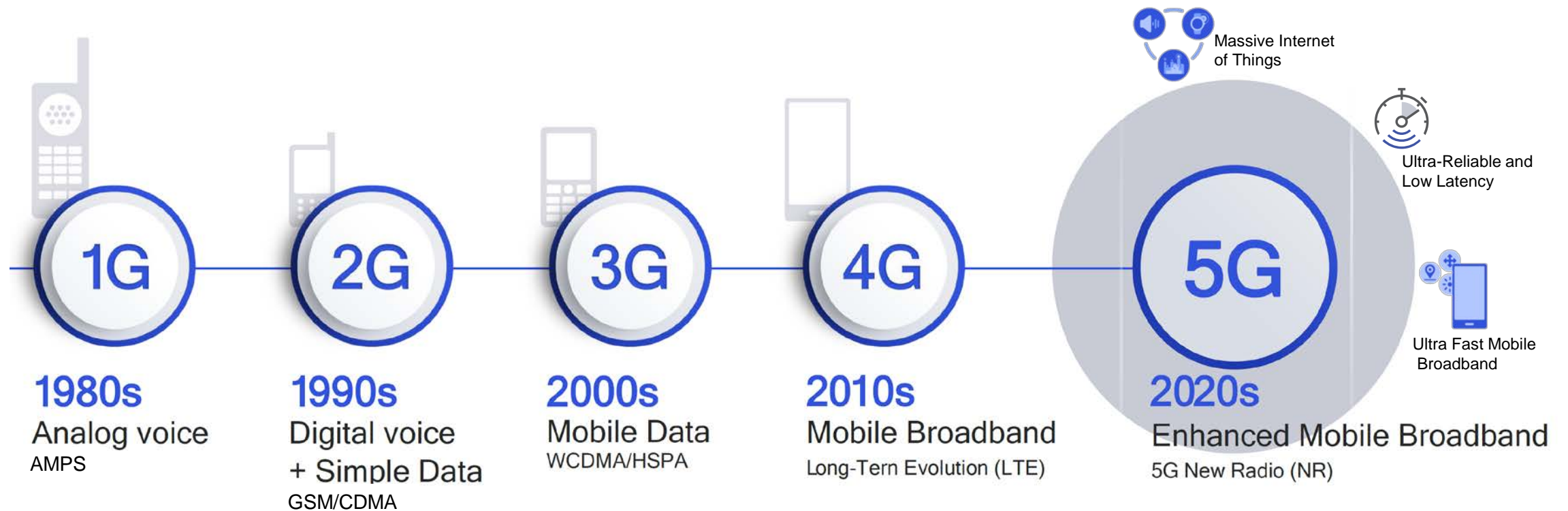
Investment Opportunity

Initiate Core Generational Upgrade

Initiate efforts for a multi-year next generational upgrade for FirstNet to be 5G ready

Ensures commercial network parity and access to improved capabilities

Wireless Technology Evolution





Closed Session



Resolution 102 – Coverage Enhancement and Network Enhancement

FIRST RESPONDER NETWORK AUTHORITY BOARD RESOLUTION 102

COVERAGE ENHANCEMENT AND NETWORK ENHANCEMENT INVESTMENT RECOMMENDATIONS

WHEREAS, during the September 18, 2019, Combined Committee and Board meeting, the Board has been presented with and discussed a Coverage Enhancement Investment Recommendation to expand the NPSBN deployables fleet, consistent with priorities identified within the FirstNet Authority's Coverage & Capacity Roadmap Domain.

WHEREAS, during the September 18, 2019, Combined Committee and Board meeting, the Board has been presented with and discussed a Network Enhancement Investment Recommendation to initiate generational upgrades to the FirstNet Core, consistent with priorities identified within the FirstNet Authority's Core Roadmap Domain.

NOW THEREFORE BE IT RESOLVED that the Board authorizes the FirstNet Authority management to move forward with the Coverage Enhancement and Network Enhancement Investment Recommendations and directs the FirstNet Authority management to take all actions necessary to implement the proposals in accordance with the objectives and business cases as presented to the Board.

NOW THEREFORE BE IT FURTHER RESOLVED that the Board approves the above-referenced Investment Recommendations and associated implementation actions by the FirstNet Authority management, in accordance with the objectives and business cases as presented to the Board.



Closing Remarks

Ed Parkinson

Jeff Bratcher



Next Steps In Transforming Public Safety Communications Together



ENGAGEMENT



ROADMAP



INVESTMENT

