



Strengthening the National Positioning, Navigational, and Timing (PNT) Infrastructure

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Investment Highlights



Next Generation PNT solution based on 5G



Valuable Spectrum Asset with ideal propagation characteristics to power PNT and broadband



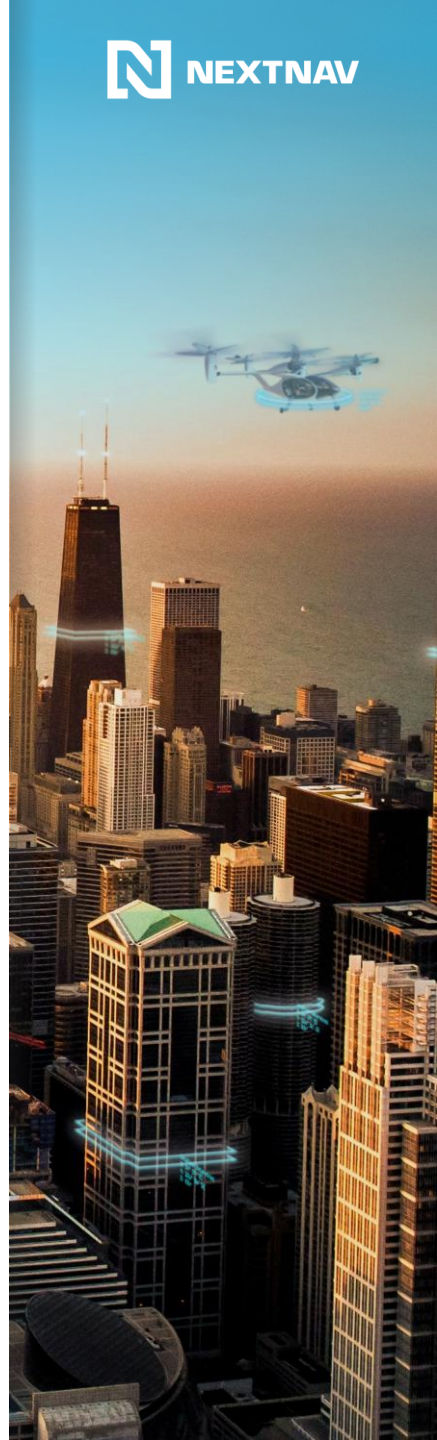
World Class Management, Board, and Shareholders with leaders in national security, wireless, and location services



Leading Customers & Partners, including AT&T, Verizon and NASA

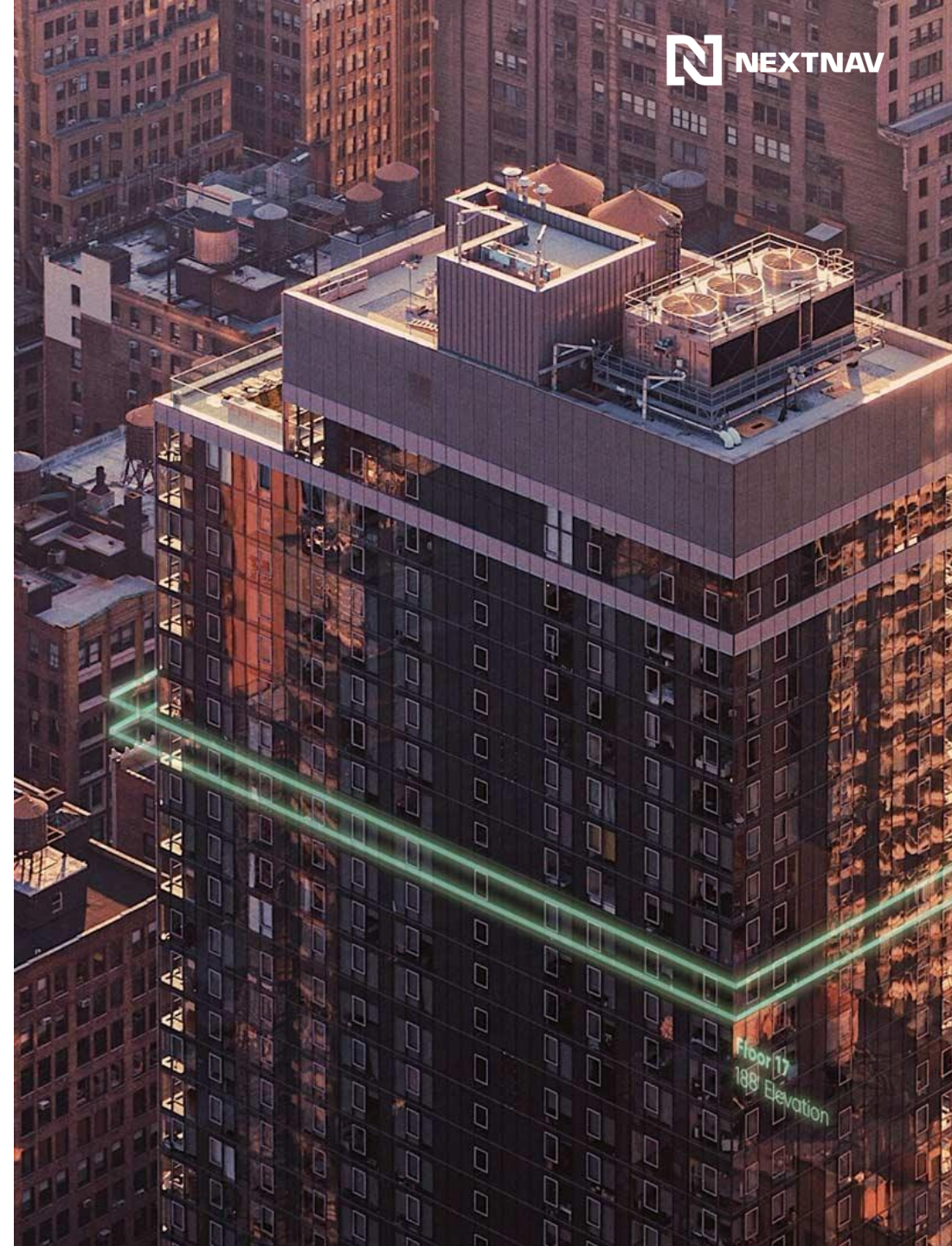


Robust Balance Sheet with ample liquidity to fund operations



Need for a Terrestrial GPS Complement and Backup is Increasingly Urgent

- GPS provides PNT services, on which the United States relies for telecommunications, power grids, financial transactions, maps and more.
- But, satellite-based systems, like GPS, have coverage limitations indoors and in urban canyons with weak signal strength.
- As a space-based service, GPS is vulnerable to spoofing and jamming by rogue actors and state actors, as well as natural phenomena like solar flares.



NextGen PNT Vision



PNT Network Based on 5G NR and
Aligned with 3GPP Global Standards



Leverages Spectrum Asset in the Lower
900 MHz band



Goal is future-proof complement and
backup to GPS, available at wide scale
including indoor and urban areas

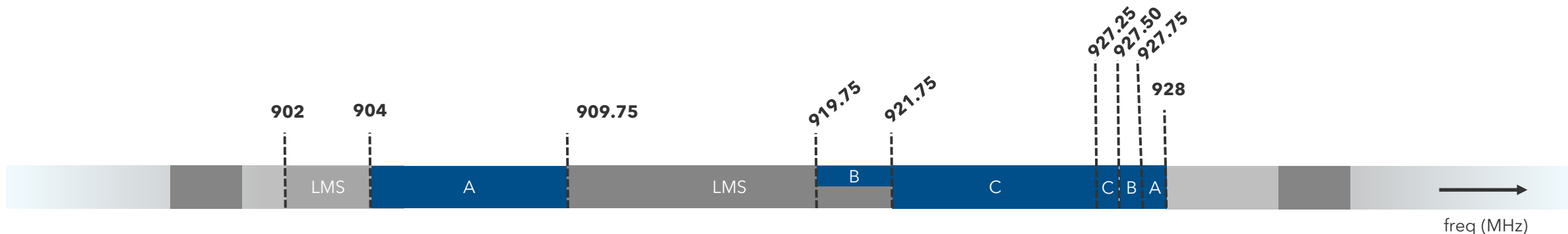
NextNav's Solution

1. Consensus that the US needs a **system of systems** to back up and complement GPS, including a terrestrial component
2. Economics of at-scale, stand-alone terrestrial network do not work
3. NextNav proposal uses NN's Lower 900 MHz licenses, in partnership with a 5G network provider, to enable a **wide-scale terrestrial back up and complement to GPS, without taxpayer funding**



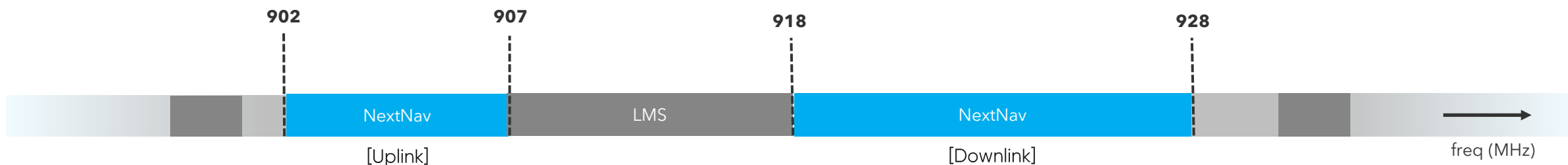
Overview of NextNav's Rebanding Proposal

Current Band Plan: 14 MHz in 3 blocks (A, B, C) per EA for "Multilateration Location and Monitoring Service" (M-LMS)*

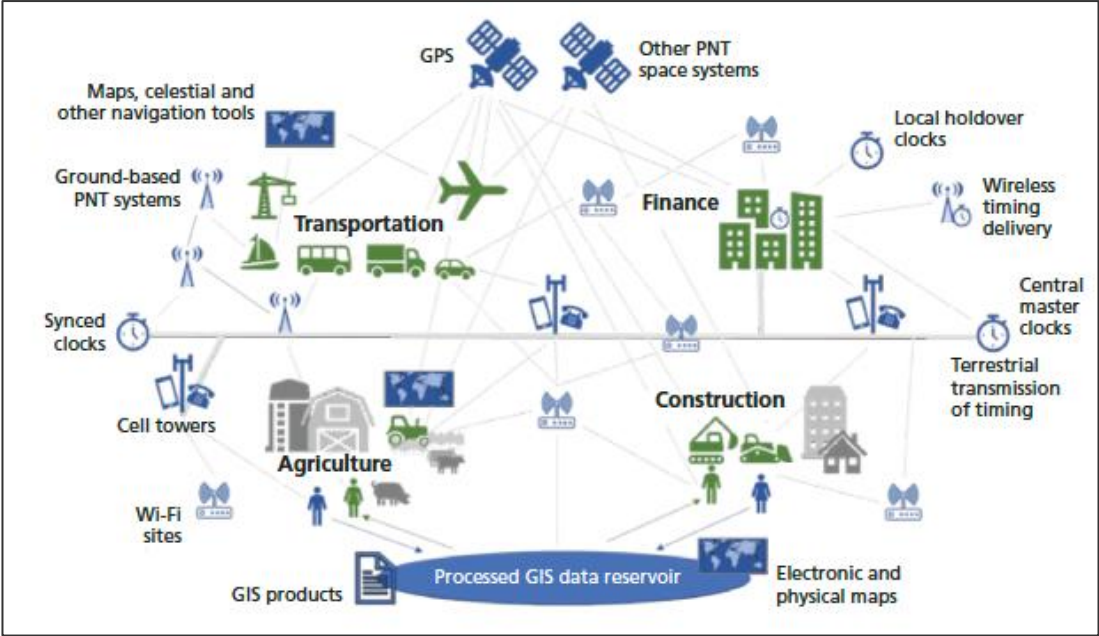


**NextNav's existing spectrum positions are in the A, B and C blocks of the 900 MHz Band*

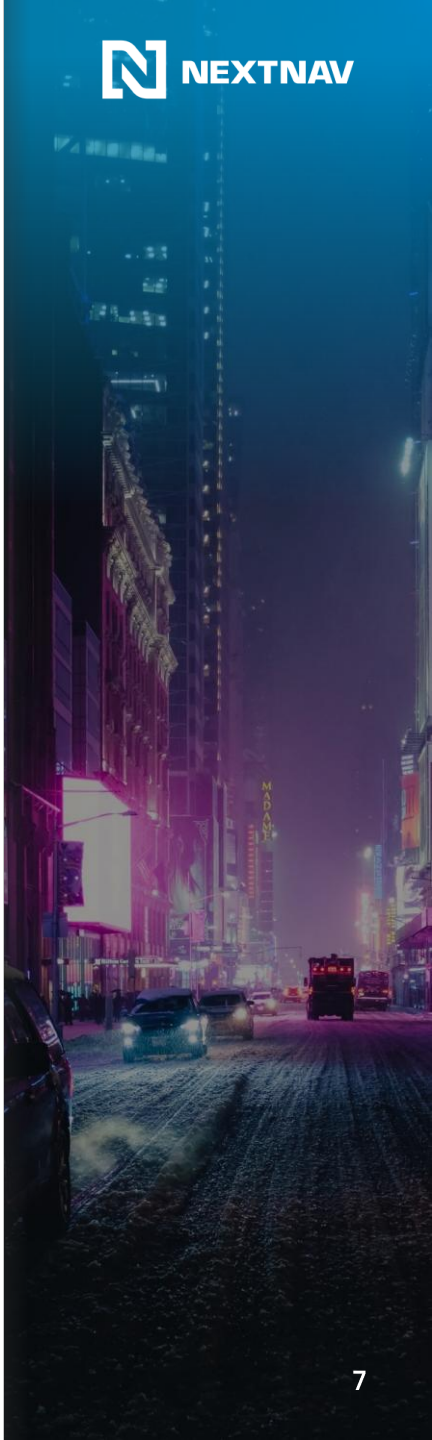
Proposed New Band Plan: Rationalized and updated to create paired 5+10 MHz block suitable for nationwide PNT and 5G services



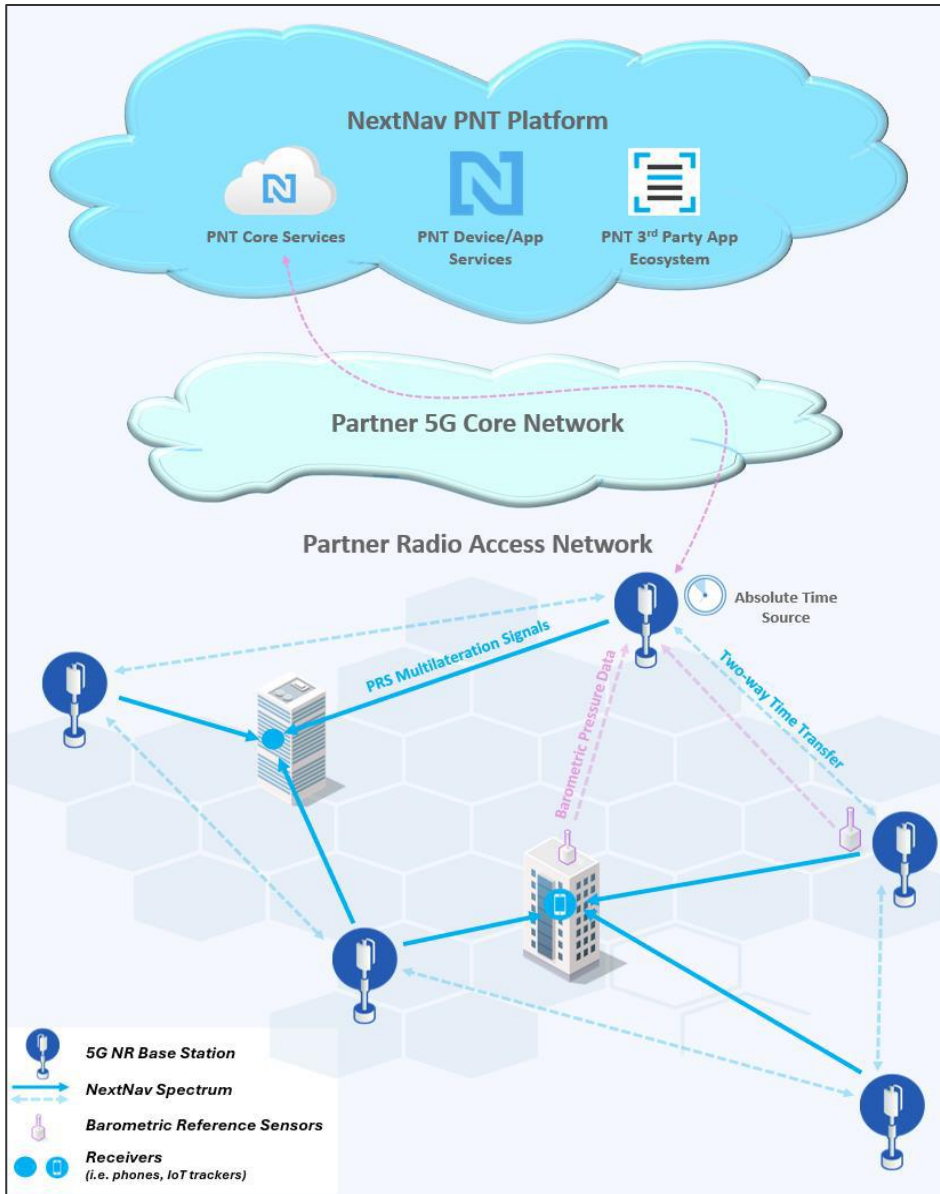
Use Cases Illustrate Need for Terrestrial GPS Complement and Backup



	Government	Commercial
Positioning	<ul style="list-style-type: none">E911 caller positionSmart city asset trackingMilitary asset tracking	<ul style="list-style-type: none">Logistics and transport trackingEnterprise asset trackingLone worker and worker safety trackingConsumer tracking tags
Navigation	<ul style="list-style-type: none">First responder situational awareness and navigationWarfighter situational awareness and navigation	<ul style="list-style-type: none">Consumer smartphones and wearable navigation and tracking applications
Timing	<ul style="list-style-type: none">Land-mobile radio base station synchronization for public safety jurisdictionsElectric substation synchronization for utilities and smart grids	<ul style="list-style-type: none">5G core and radio-access network, including small cells, synchronizationData center synchronization and timestamping for banks and enterprise



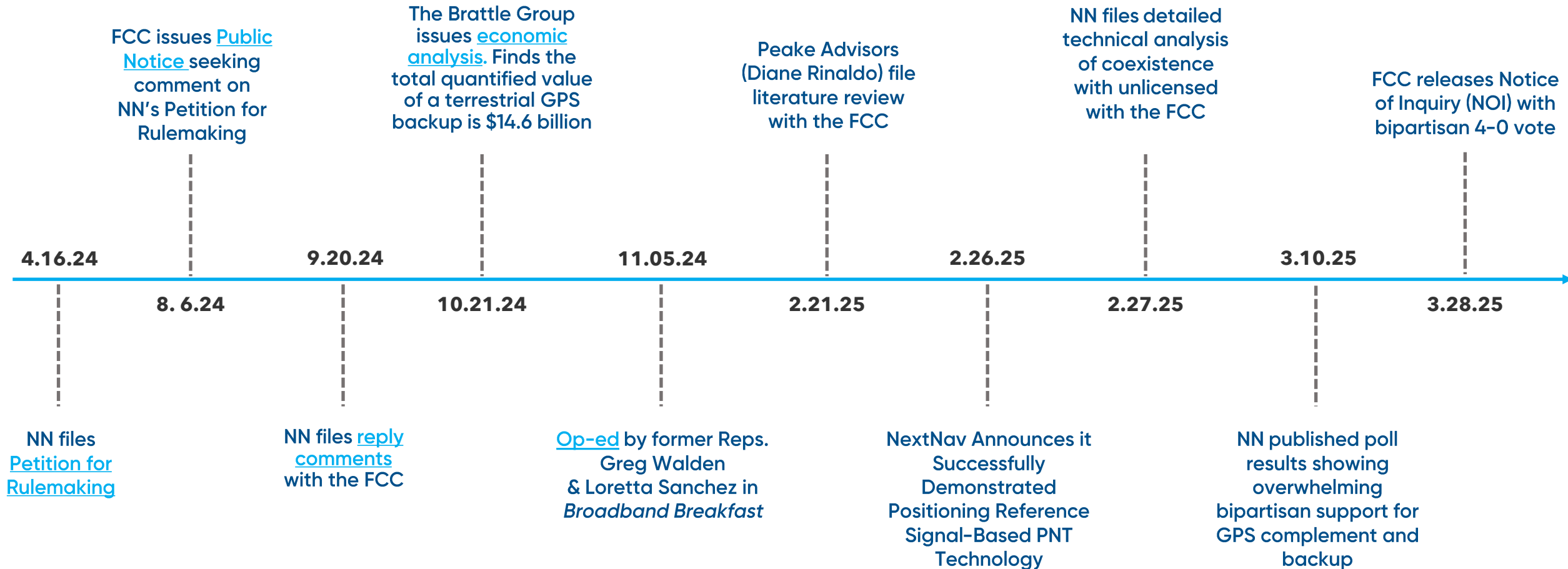
Overview of NextNav's 5G PNT Network Architecture



NextGen PNT network:

- NextNav's PNT network will be seamlessly and efficiently integrated into a 5G network
 - Capable of leveraging partners' 5G network facilities (e.g., towers, backhaul, and core network)
 - Topology that resembles other 5G networks, facilitating partnerships with existing providers and permitting NextNav to leverage the providers' existing deployments

NextNav's FCC Petition for Rule Making



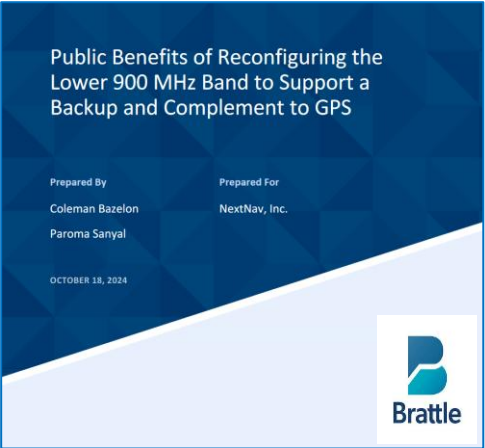
The Brattle Group Issues Economic Report

Report finds total quantified value of having a terrestrial backup to GPS is **\$14.6 billion**

Estimate of potential U.S. economic loss for a GPS outage:

Adopting NextNav’s proposal could prevent an economic loss of:

1 Day Outage:	\$1.6 B	➡	\$663 M
7 Day Outage:	\$12.2 B	➡	\$6.0 B
30 Day Outage:	\$58.2 B	➡	\$31.9 B



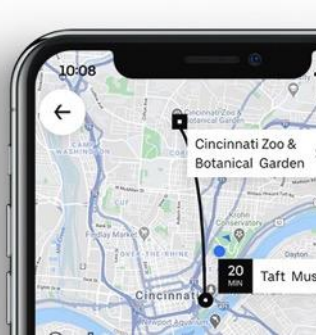
- Adopting NextNav’s proposal to reconfigure the Lower 900 MHz offers the US economy a **\$10.8 billion** insurance policy to protect against GPS outages without taxpayer funding, plus additional benefits of **\$3.8 billion** from increased resiliency.
- Based on The Brattle Group report, the total quantified value of having a GPS backup is **\$14.6 billion**



Robust Balance Sheet

- Finished first quarter with \$188.4MM in cash, cash equivalents and marketable securities
- Significant balance sheet flexibility and liquidity to execute strategic plans
- No meaningful NextNav CapEx plans tied to deployment of NextGen PNT solution
 - NextNav Intends to partner with 5G network operator for deployment of infrastructure

*Warrants were issued in conjunction with the Company's



Experienced Leadership Team



Mariam Sorond
Chief Executive
Officer

- 28+ years of experience
- Led transformational change across mobile, wireless, fixed and satellite networks
 - Extensive spectrum expertise

Previous roles:



Chris Gates
Chief Financial
Officer

- 20+ years of experience
- Deep financial expertise
 - Background includes range of telecom and technology ventures after an early career in finance

Previous roles:



Jim Black
General Counsel

- 20+ years of experience
- Extensive in-house experience advising highly regulated, publicly traded companies

Previous roles:



Susan Insley
Chief Operating
Officer

- 25+ years of experience
- Extensive experience as a seasoned business executive, having worked in finance, internal audit and human resources in the technology industry

Previous roles:



Sidd Chenumolu
Chief Business
Development Officer

- 20+ years of experience
- Deep experience in telecom/tech
 - Consistent career track record of securing multi-billion-dollar contracts, forging strategic alliances, and delivering transformative business value

Previous roles:



Heather Ritchie
Chief Marketing
Officer

- 25+ years of experience
- Deep experience driving growth and brand transformation in tech, telecom, and infrastructure
 - Leads integrated marketing and communications strategies

Previous roles:



John Kim
Senior VP of
Technology
Development

- 20+ years of experience
- Extensive tech & management experience in wireless, wireline and cable industries
 - Translates broad business, technical and strategic requirements into a set of actionable plans and executions

Previous roles:





Next Generation PNT