

# Cellular and Data Carrier

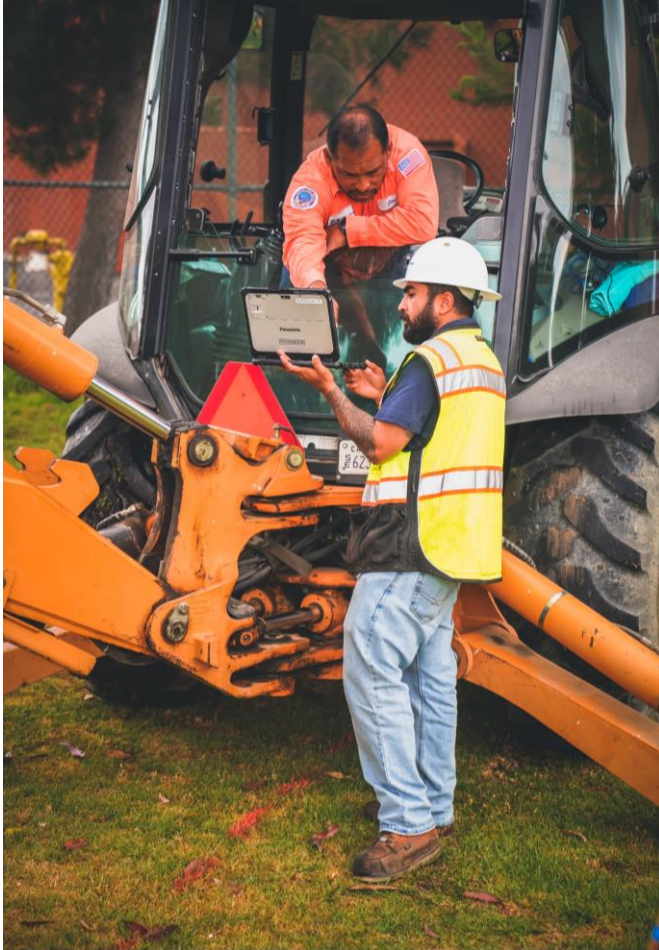
June 6, 2024

# Technology Driven

- Geographic Information System
- Mobile Workforce
- Water Quality Testing
- CCTV Sewer Imaging

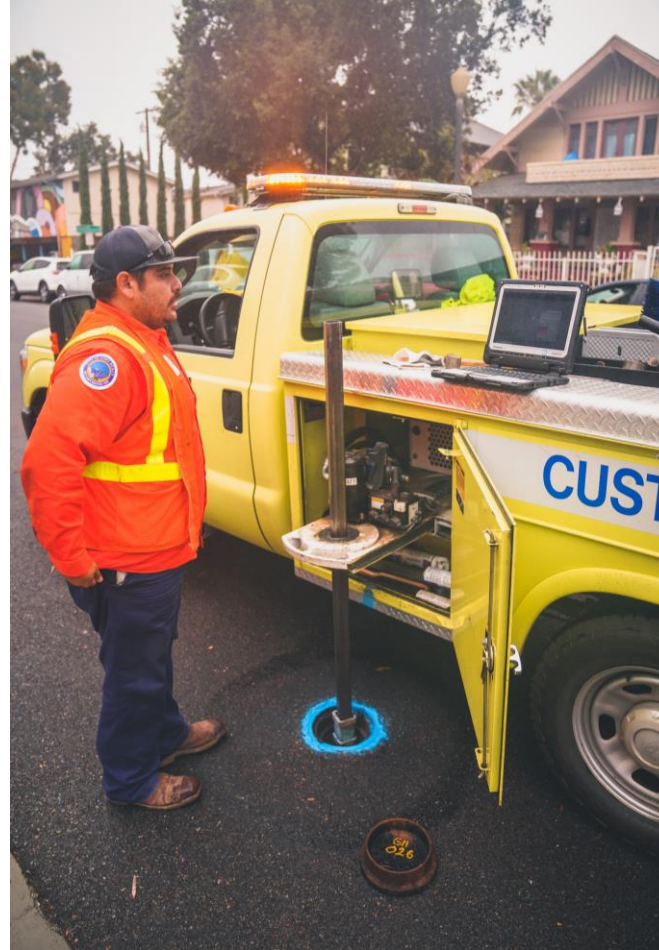
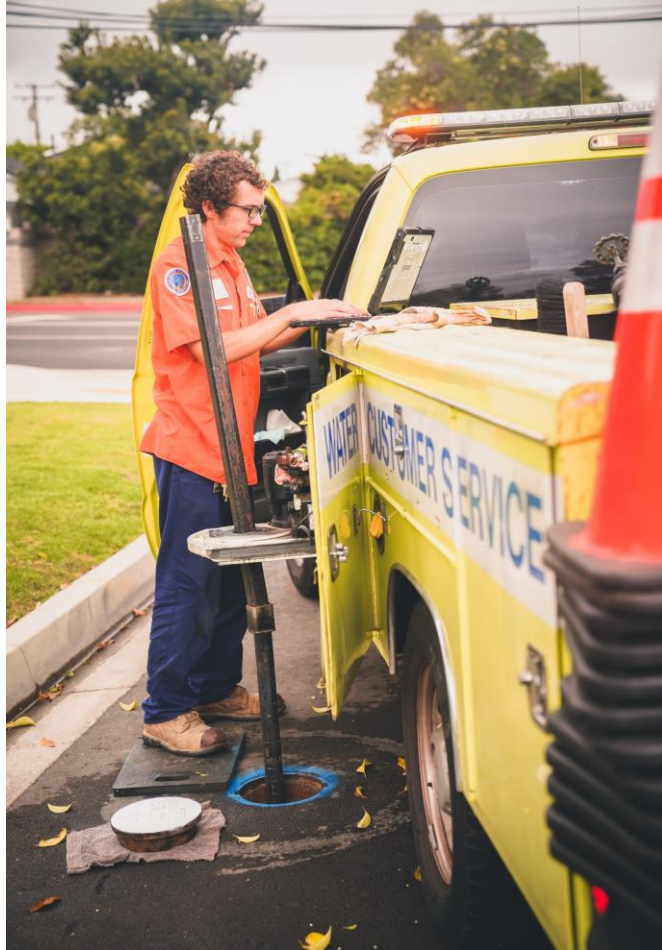


# Geographic Information System





# Mobile Workforce





# Water Quality Testing



# CCTV Sewer Imaging





# Long Beach Utilities

## June 6, 2024

Kevin Nida, Sr. Public Safety Advisor  
Nemesis Nguyen, Sr. Client Executive





# An Innovative Public-Private Partnership



## Leads & Measures

### First Responder Network Authority

- Partner oversight and support
- Public safety advocate
- Technical expertise
- Innovation strategy and investment



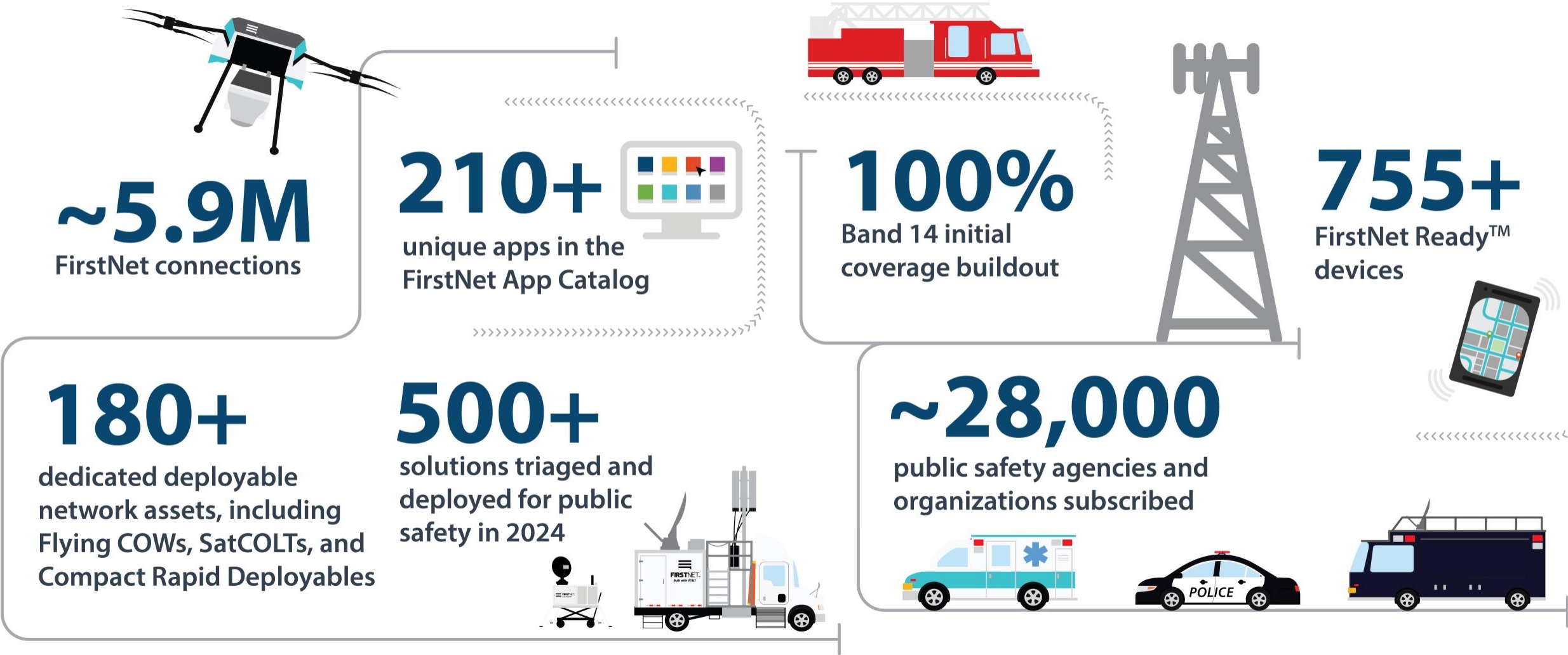
## Executes and Reports

### AT&T

- Nationwide core
- RAN build-out
- Adoption and customer care (24x7x365)
- Security operations center
- Mission-critical services
- App and device ecosystems



# FirstNet Momentum (All categories were zero prior to 3-31-2017)



# Unique FirstNet Network Benefits *for Extended Primary Users*

- Band 14 → 20 MHz Spectrum
- Contract oversight by the FirstNet Authority, a federal agency
- Priority, Preemption on Band 14 + all AT&T LTE Spectrum [fee-for-add-on]
- Uplift Tool: local control [benefit from uplift]
- S1U Encryption of Network Traffic
- Expanding network coverage
- Network Status Tool
- Cell sites on Unmanned Aerial Vehicles (Drones)
- FirstNet Deployable Program: 100+ dedicated assets (SatCOLTs, CRDs, Comms Vehicle and more) with 7-hour response in CA for emergencies [benefit from primary agency request]
- App Catalog/Curated Public Safety Apps
- App Developer Program
- Dedicated Customer Service 24x7 for FirstNet Users
- Dedicated 24x7 Security Operations Center (SOC) for FirstNet)





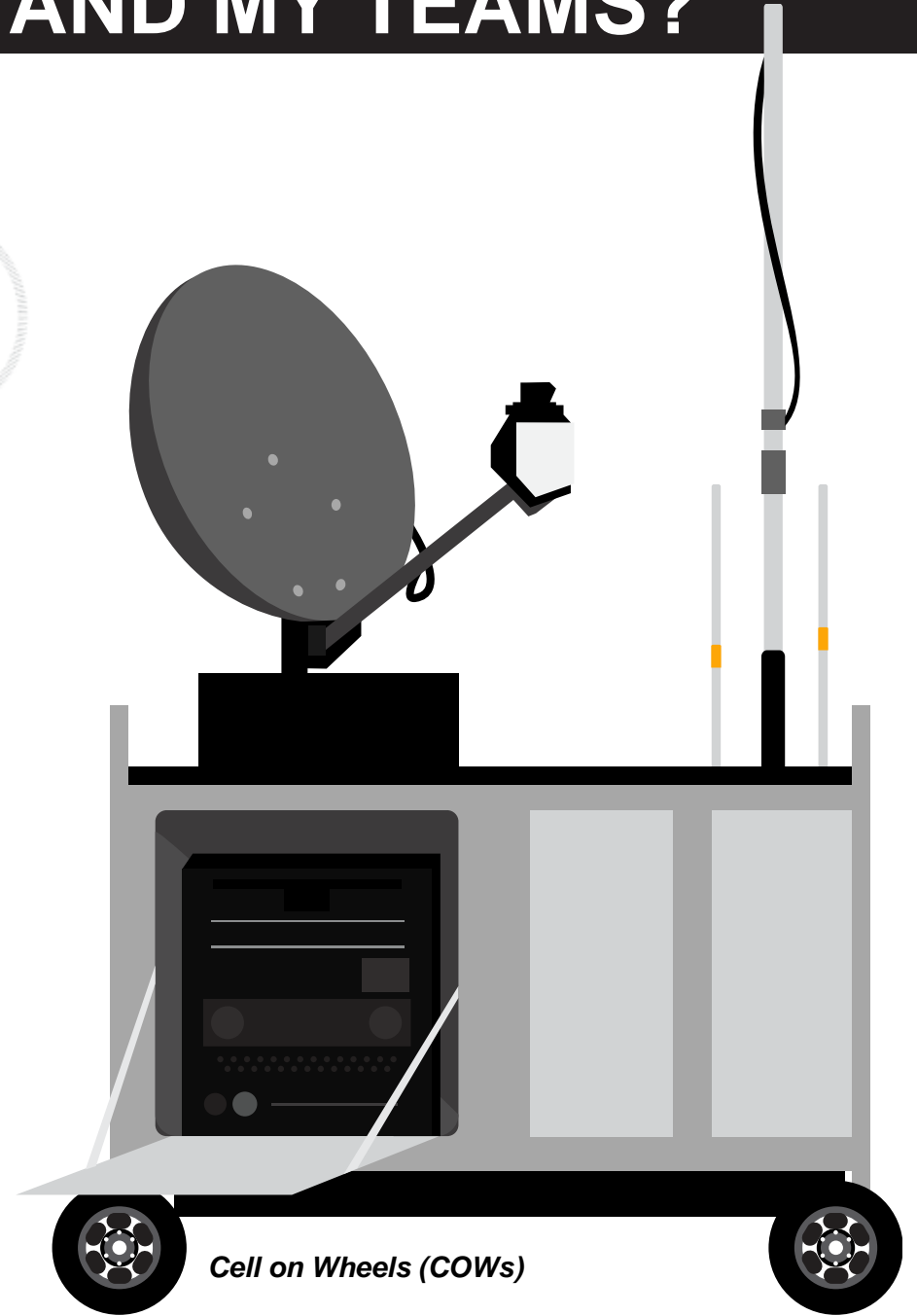
# WHY IS FIRSTNET RIGHT FOR ME AND MY TEAMS?



## **FirstNet is available to**

electric, gas, water, and sewer utilities who need always-on, highly reliable connectivity to do their jobs every day.

Depending on the event or emergency, public safety may need to uplift critical users to the highest priority levels.



*Cell on Wheels (COWs)*

# DEDICATED DEPLOYABLES

## 180+ Dedicated Deployables

FirstNet-dedicated deployables, such as Satellite Cells on Light Trucks, are mobile cell sites that link to FirstNet via satellite. They don't rely on commercial power availability to provide first responders the connectivity they need – when they need it. FirstNet assets:

- Can support **both planned** and **unplanned** events
- Are **Band 14 enabled**
- Provide **voice** (including Voice over IP, VoLTE), **data, messaging**, First Priority® (QPP)

In addition, the **FirstNet Response Operations Group™**, led by a team of former first responders, works with agencies to determine the appropriate asset – or solution – based on the situation.





# Recommendation

Adopt Resolution UT-1517 authorizing the General Manager to enter into a Cooperative Purchasing Agreement with AT&T, under the purchase conditions specified in the National Association of State Procurement Officials (NASPO) Value Point cooperative purchasing program (Contract MA149) for wireless voice and data services in an annual amount not to exceed \$325,000.



LONG BEACH  
**Utilities**  
Water · Gas · Sewer