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Combined Committee and Board Meeting

December 13, 2018

Board and Combined Committee Agenda

Time (ET)	Agenda Item
11:00 - 11:15	Board Chair Convenes Meeting of Board and All Committees
11:15 - 11:40	Governance and Personnel Committee Update
11:40 – 11:50	Governance and Personnel Committee Annual Performance Evaluation and Charter Review
11:50 – 12:00	Finance Committee Update
12:00 - 12:10	Finance Committee Annual Performance Evaluation and Charter Review
12:10 – 12:25	Public Safety Advocacy Update
12:25 - 12:35	Public Safety Advocacy Committee Annual Performance Evaluation and Charter Review
12:35 – 12:55	PSAC Update
12:55	Revision of the PSAC Charter
12:55 – 1:20	Technology and Network Program Update
1:20 - 1:30	Technology Committee Annual Performance Evaluation and Charter Review
1:30 – 1:50	AT&T Update
1:50-2:25	CEO Update
2:25	Vote to Adjourn

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Governance and Personnel Committee Update

Edward Horowitz | Committee Chair

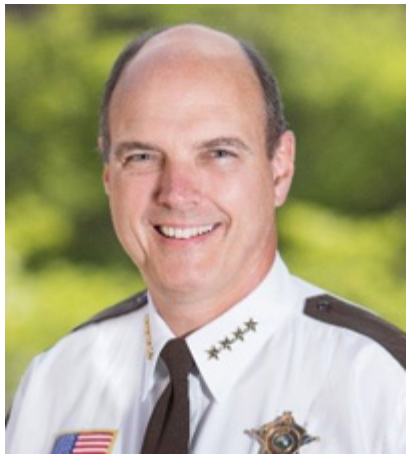
First Responder Network Authority Leadership Update

Edward Parkinson, Acting CEO

Erin Greten, Chief Counsel

FirstNet Authority Board Leadership Update

Edward Horowitz, Chair



Richard Stanek, Vice Chair

FirstNet Authority Board Membership Update

Neil Cox

Richard Carrizzo

Billy Hewes

Welton Chase, Jr.

Brian Crawford

Paul Patrick

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FirstNet Authority Board Committee Membership Updates

Governance and Personnel Committee:

Edward Horowitz – Committee Chair
Neil Cox
Brian Crawford
Richard Stanek
Teri Takai

Finance Committee:

Robert (Tip) Osterthaler - Committee Chair
Brian Crawford
Paul Patrick
Dana Wade
David Zolet

Public Safety Advocacy Committee:

Richard Stanek – Committee Chair
Richard Carrizzo
Billy Hewes
Ron Hewitt
Paul Patrick
Richard Ross, Jr.
Teri Takai

Technology Committee:

Neil Cox – Committee Chair
Welton Chase, Jr.
Ron Hewitt
Robert (Tip) Osterthaler
Christopher Piehota

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Board Resolutions 93 – 96: Expressions of Thanks

Board Resolution 93	Expression of Thanks for the Services of **Sue Swenson** as Member and Chair of the First Responder Network Authority Board
Board Resolution 94	Expression of Thanks for the Services of **Jeff Johnson** as Member and Vice Chair of the First Responder Network Authority Board
Board Resolution 95	Expression of Thanks for the Services of **Kevin McGinnis** as Member of the First Responder Network Authority Board
Board Resolution 96	Expression of Thanks for the Services of **Annise Parker** as Member of the First Responder Network Authority Board

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Governance and Personnel Committee Annual Performance Evaluation and Charter Review

Edward Horowitz | Committee Chair

Governance and Personnel Committee – Fiscal Year (FY) 2018 in Review

The **Governance and Personnel Committee** has the responsibility to review, approve, oversee, and recommend actions related to the FirstNet Authority Board's roles and responsibilities, the FirstNet Authority's governance policies and procedures, employee hiring, and employee performance evaluations

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- The Committee approved Resolution 9 Governance and Personnel Committee Charter Revisions

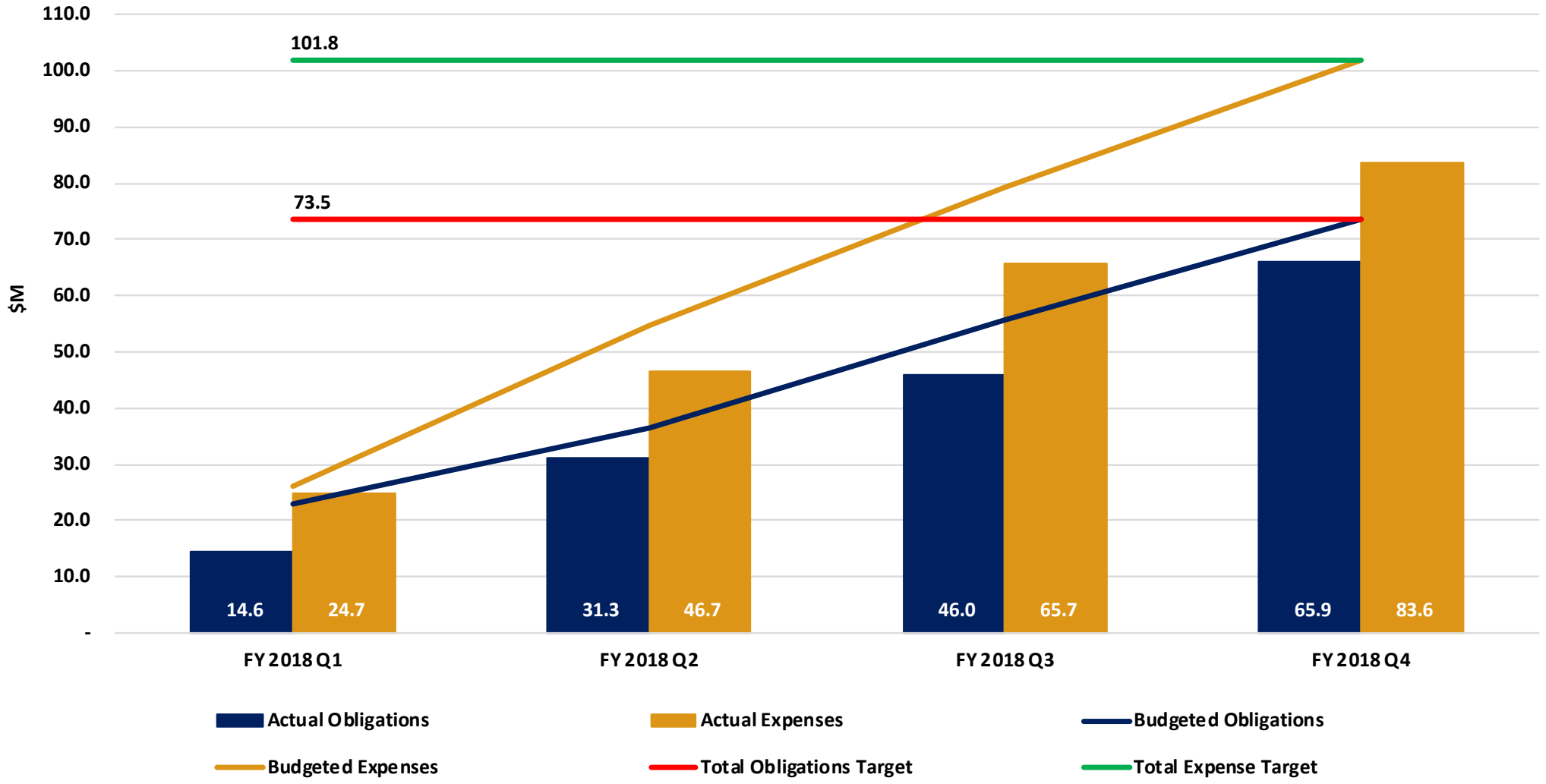
- Committee members, along with other FirstNet Authority Board Committee Chairs actively participated with FirstNet Authority Senior Leadership to develop a strategic planning process and review strategic guidance for FY 2019 – 2022

- The Committee received briefings and provided guidance on:
  - The FirstNet Authority's FY 2019 Strategy, Metrics, and Organization Structure Framework
  - Succession Planning
  - Outreach, Marketing and Communication Activities, and Strategy
  - New Board Member Nominations

Finance Committee Update

Robert (Tip) Osterthaler | Committee Chair
Kim Farington | Chief Financial Officer

FY 2018 Cumulative Financial Results



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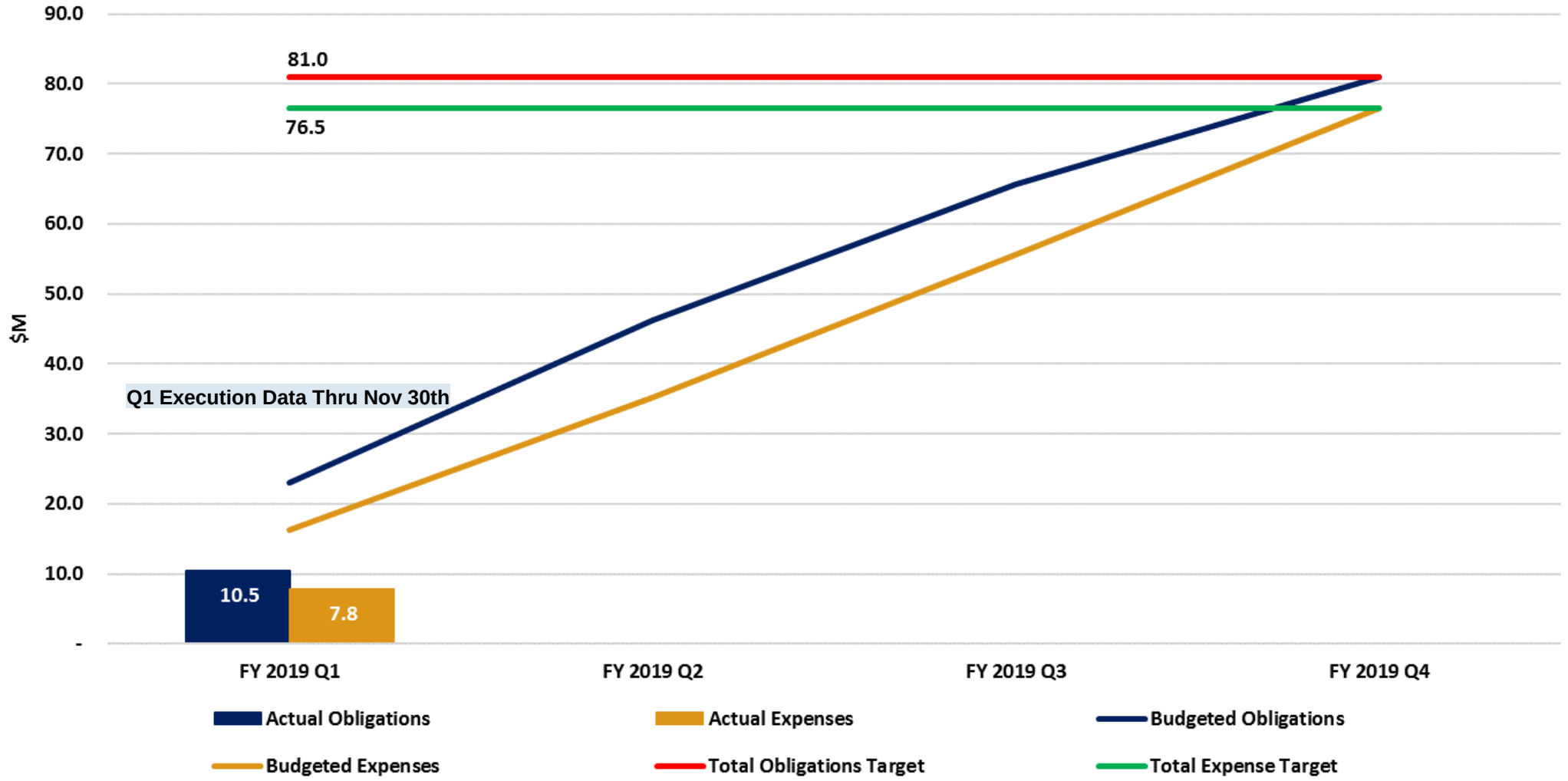
FY 2019 Cumulative Financial Results



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Finance Committee Annual Performance Evaluation and Charter Review

Robert (Tip) Osterthaler | Committee Chair

Finance Committee – FY 2018 in Review

The **Finance Committee** has the responsibility to review, approve, oversee, and recommend actions related to the FirstNet Authority's financial, budgetary, accounting, compliance, reporting, and business development activities

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- The Committee approved Resolution 19 Finance Committee Charter Revisions and Resolution 20 FY 2019 Budget

- The Committee received briefings and provided guidance on:
  - The FirstNet Authority's FY 2019 Program and Administrative Operations Budget
  - The FirstNet Authority's enterprise-wide cost accounting methodology
  - Annual financial statement audit entrance conference and interviews
  - Closing of FirstNet Authority's final open management-level audit finding
  - Annual Financial Statement Audit and clean opinion
  - Budget and Financial Accounting and Costing Tool (BFACT)

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Public Safety Advocacy Committee Update

Richard Stanek | Committee Chair

Dave Buchanan | Executive Director, Public Safety Advocacy

Recent Impactful Public Safety Engagements

Agencies

Examples
- Richmond, VA (Aug. 31)
- Minnesota (Oct. 15)
- Guam (Nov. 27)

Objectives
- Understand agency-specific mobile broadband needs and gaps
- Understand FirstNet offerings and how agencies can integrate offerings into their operations

Associations

Examples
- IACP (Oct. 6-9)
- EMS World Expo (Oct. 29 – Nov. 2)
- APCO Emerging Technology Forum (Oct. 31 – Nov. 1)

Objective
- Collect feedback and lessons learned from subscribers to influence the successful implementation and evolution of the FirstNet solution and products

Operations

Examples
- Citizen Potawatomi Nation FireLake Fireflight Balloon Festival After Actions Review Engagement (Oct. 18)
- Life is Beautiful Music & Art Festival, Las Vegas (Sept. 21-23)
- Sturgis Bike Rally, South Dakota (Aug. 3-12)

Objective
- Collect feedback and lessons learned from subscribers to influence the successful implementation and evolution of the FirstNet solution and products

LAS VEGAS

FIRE DEPARTMENT

CONNECTING

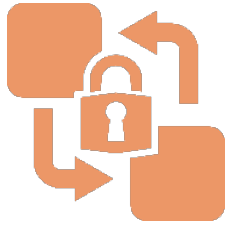
THROUGH THE CROWDS

FirstNet Feedback

Asset Tracking and Location Services

Push-to-talk

Priority and Preemption



Secure Data Sharing

Customer Care and Advocacy

Richmond, VA

"We heavily use mobile data in order to be more efficient in delivering information to responders and to retrieve information independently from the communications center. **FirstNet allows us to have priority and preemption so it is available to us all the time**."

– **Stephen Willoughby**, Director and Chief of the Department of Emergency Communications, City of Richmond, VA

Brazos County, TX

"When you have one network to manage your team and share information with other agencies, we don't have a silo agency with all the information in one place. Instead, **we have true interoperability and better communications to share information over a secure network."**

– Lieutenant **Thomas Randall** (Ret.), Brazos County, TX, Sheriff's Office

Brookfield, CT

"The Connecticut Incident Management team who we contacted to help us work with AT&T, said, 'Look, we know you guys are down on phones. We're going to make it happen.' And it was done within two hours. **We got confirmation, got a quick lesson on [FirstNet devices], and we were good to go**."

– **Andrew Ellis**, Assistant Fire Chief, Brookfield, CT, Fire Department

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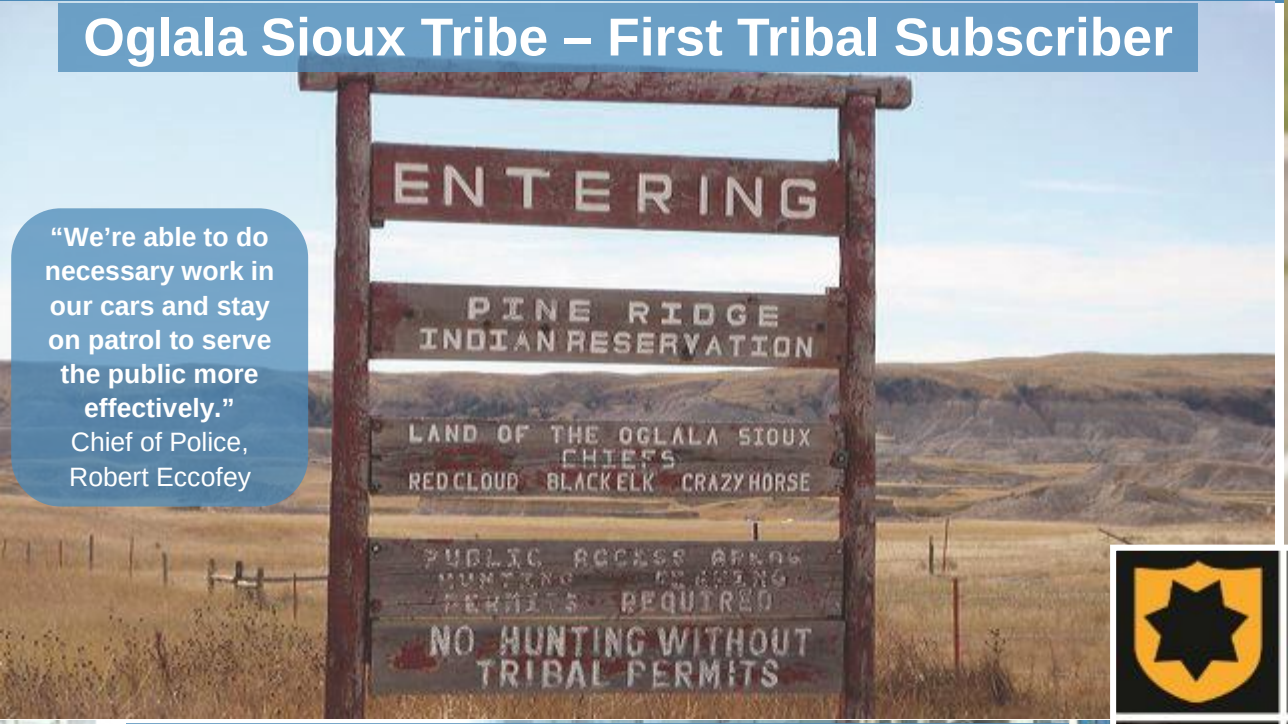
Oglala Sioux Tribe – First Tribal Subscriber



"We're able to do necessary work in our cars and stay on patrol to serve the public more effectively."
Chief of Police, Robert Eccofey

2018 Sturgis – South Dakota Motorcycle Rally

"This year was different."
Jeff Pierce, South Dakota Statewide Interoperability Coordinator

2018 Boston Marathon – Personnel Tracking/Faster Response

"Having the FirstNet application and the FirstNet network in place would have kept those communications we lost [in 2018 Bombing] active."
Scott Wilder, Brookline PD

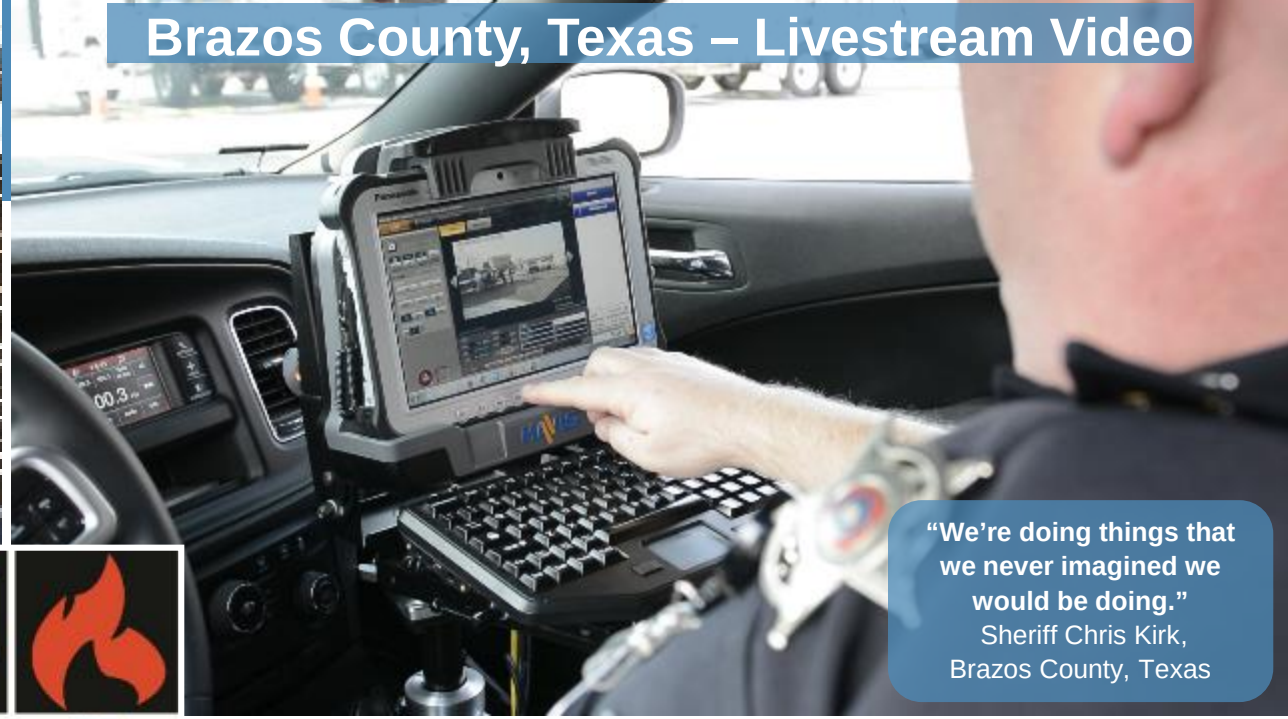
"Family City USA" 2018 Summerfest Orem, Utah

"FirstNet is a game changer for the City of Orem and the region."
Police Chief Gary Giles, Orem

Atlantic City, New Jersey – Apps to Access Data

"…everything would work great until **the crowds arrived… Once we switched over [to FirstNet], that totally alleviated that problem."**
Captain James Sarkos,
Atlantic City Police

Brazos County, Texas – Livestream Video

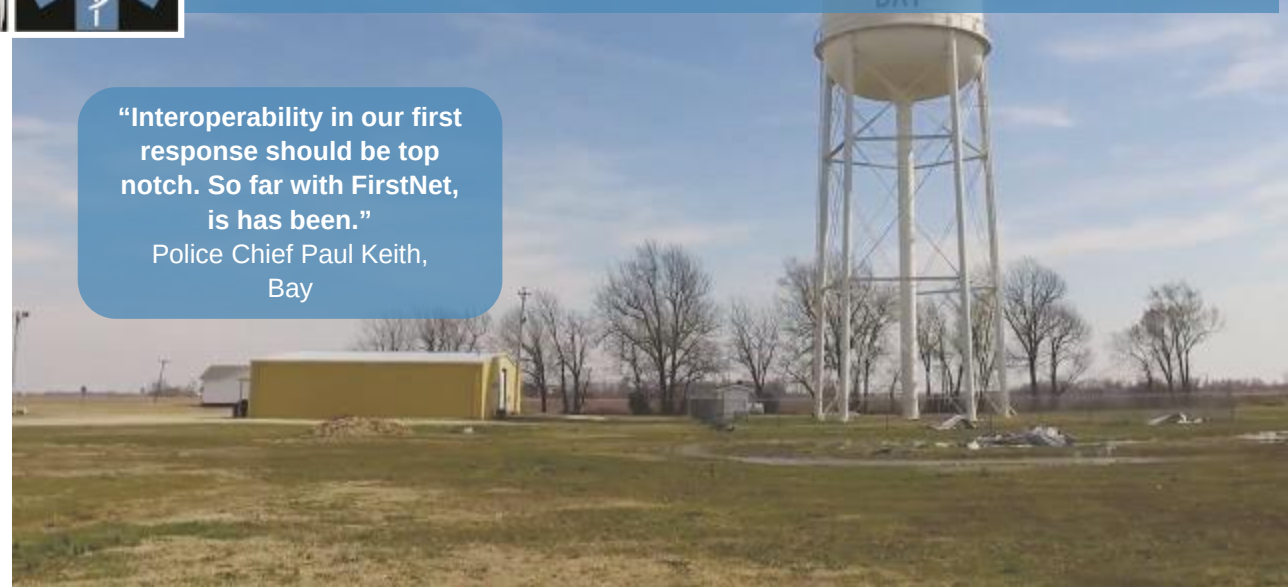


"We're doing things that we never imagined we would be doing."
Sheriff Chris Kirk,
Brazos County, Texas

Albuquerque, 2017 International Balloon Fiesta– Large Events

"We want to be able to have a network that is responsive to our public safety, and FirstNet provides that capability."
Peter Ambs,
City of Albuquerque,
New Mexico

Bay, Arkansas – FirstNet Benefits Rural Agencies



"Interoperability in our first response should be top notch. So far with FirstNet, is has been."
Police Chief Paul Keith,
Bay

Public Safety Advocacy Committee Annual Performance Evaluation and Charter Review

Richard Stanek | Committee Chair

Public Safety Advocacy Committee – FY 2018 in Review

The **Public Safety Advocacy Committee** has the responsibility to review, approve, oversee, and recommend actions related to the FirstNet Authority's outreach and engagement efforts with local, state and territory, tribal, and federal public safety entities, associations, and governance structures to promote the adoption and use of the FirstNet network and solutions and services and innovation in public safety communications technology

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- The Committee approved Resolution 9 Consultation and Outreach Committee Charter Revisions and Name Change to Public Safety Advocacy Committee
- The Committee received briefings and provided guidance on:
  - AT&T/FirstNet Solution Branding
  - Public Safety Advocacy Outreach
  - Applications Innovation Forum
  - Innovation and Testing Lab
- Committee members attended the following stakeholder events:
  - Houston Public Safety Apps Forum
  - Southwest Workshop of the National Governor's Association Enhancing Public Safety Governance
  - National Sheriff's Association/Association of Public Safety Communications Officials New Orleans Roundtable
  - Over 30 outreach engagements, including national public safety association boards and national and state conferences
  - Monthly PSAC Executive Committee calls and PSAC webinars; two in-person PSAC and tribal working group meetings
  - International Association of Chiefs of Police Annual Conference & Expo

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Public Safety Advisory Committee Update

Todd Early | PSAC Chair

PSAC Chair and New Member Updates

Todd Early
PSAC Chair

Denis Goulet
National Association of State Chief Information Officers (NASCIO)

Kevin McGinnis
National Association of State EMS Officials (NASEMSO)

Danae Wilson
National Congress of American Indians (NCAI)

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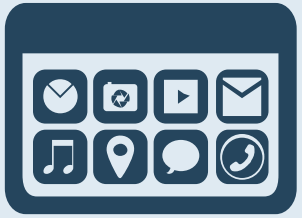
2018 PSAC Webinar Series

Location Based Service	Mission Critical Push-to-Talk	 Apps Catalog
Subscriber Paid Devices	Network Status Tool	Priority Assignment
Uplift Request Tool	Internet of Life Saving Things	Year in Review

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2018 PSAC Meeting: December 11, 2018

Highlights

- Strategy for Network investment
- Update from AT&T Leadership
- Public Safety Advocacy engagement strategy

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PSAC in 2019

PSAC Strike Teams

- Provide input on quick-turnaround timeline on specific/nuanced operational or technical subject
- Small group of PSAC members with expertise, in addition to the Executive Committee, to participate on each strike team
- Short intensive meetings to validate findings, provide guidance and develop recommendations

Tribal Working Group

- Continue to advise First Responder Network Authority and AT&T on successful tribal engagement strategies
- Support execution of tribal consultation
- Monthly teleconferences
- February 2019 in-person meeting, Tennessee

Webinar Series

- Continue monthly webinar series in 2019 to support/validate network products/services
- Seek input from PSAC members and feedback from public safety association engagement strategy on future topics

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Governance and Personnel Committee Resolution 10 and Board Resolution 97 Revision of the PSAC Charter

WHEREAS the First Responder Network Authority desires to modify the PSAC Charter to designate the FirstNet Authority's Executive Director of Public Safety Advocacy as the First Responder Network Authority liaison to communicate work assignments, priorities, and work plans to the PSAC on the First Responder Network Authority's behalf, and to streamline language related to the scope of the PSAC's activities and operations

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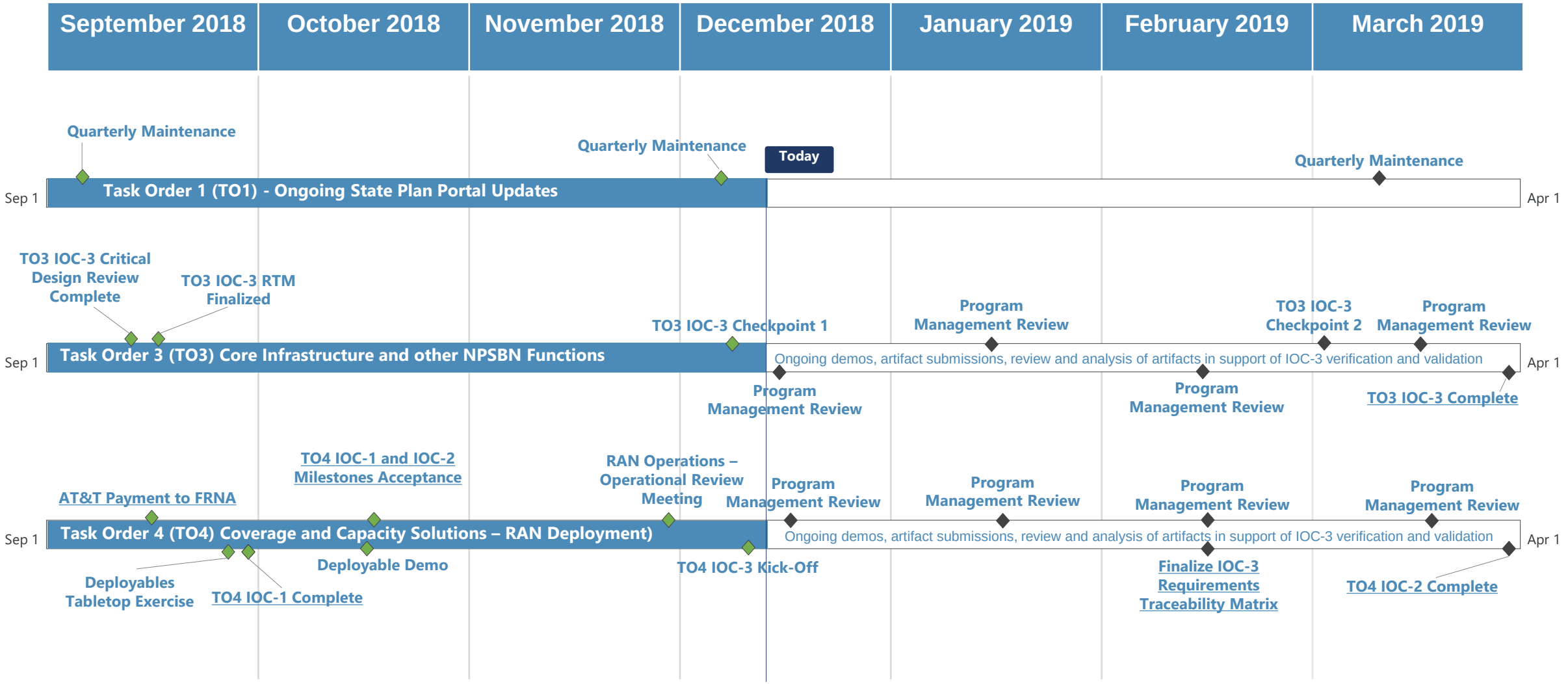
Technology and Network Program Update

Neil Cox | Committee Chair

Jeff Bratcher | Chief Technology and Operations Officer

Key Milestones for NPSBN Task Orders



As of December 13th 2018

Technical tasks and activities are ongoing in support of the major milestones identified on the schedule above

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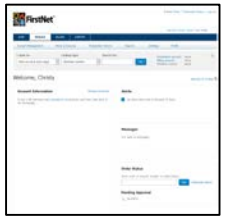
◆ Major Milestones ◆ Upcoming ◆ Complete ◆ At Risk ◆ Late

FirstNet Local Control Portal

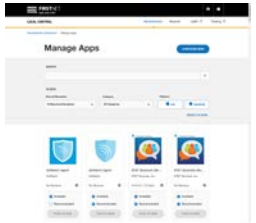
Shop & Provision

Manage Services



Manage Users

Manage Apps

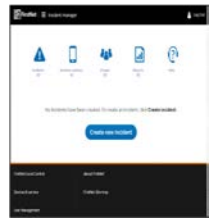


Training

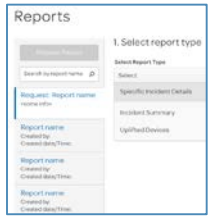
IoT Control Center

Network Status

Uplift Request



Reporting



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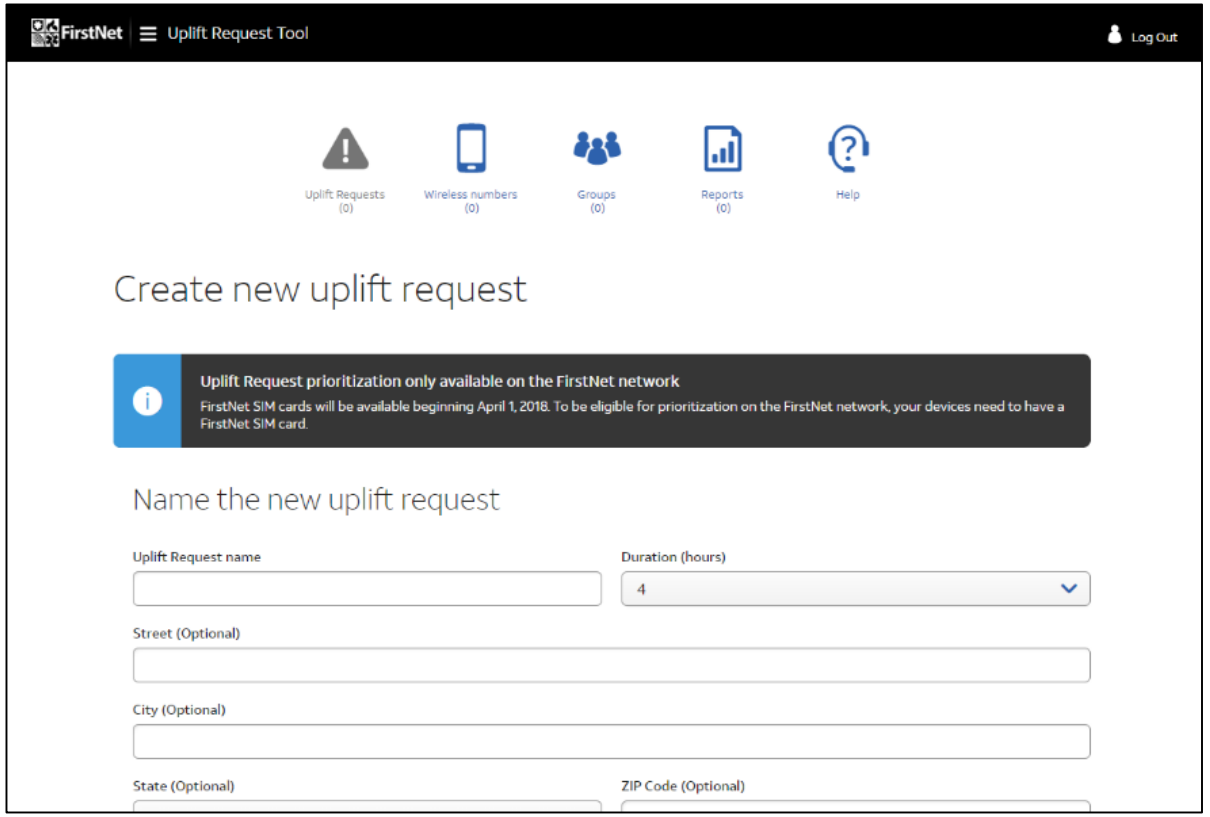
Uplift Request Portal

Extended Primary Users

Planned Events

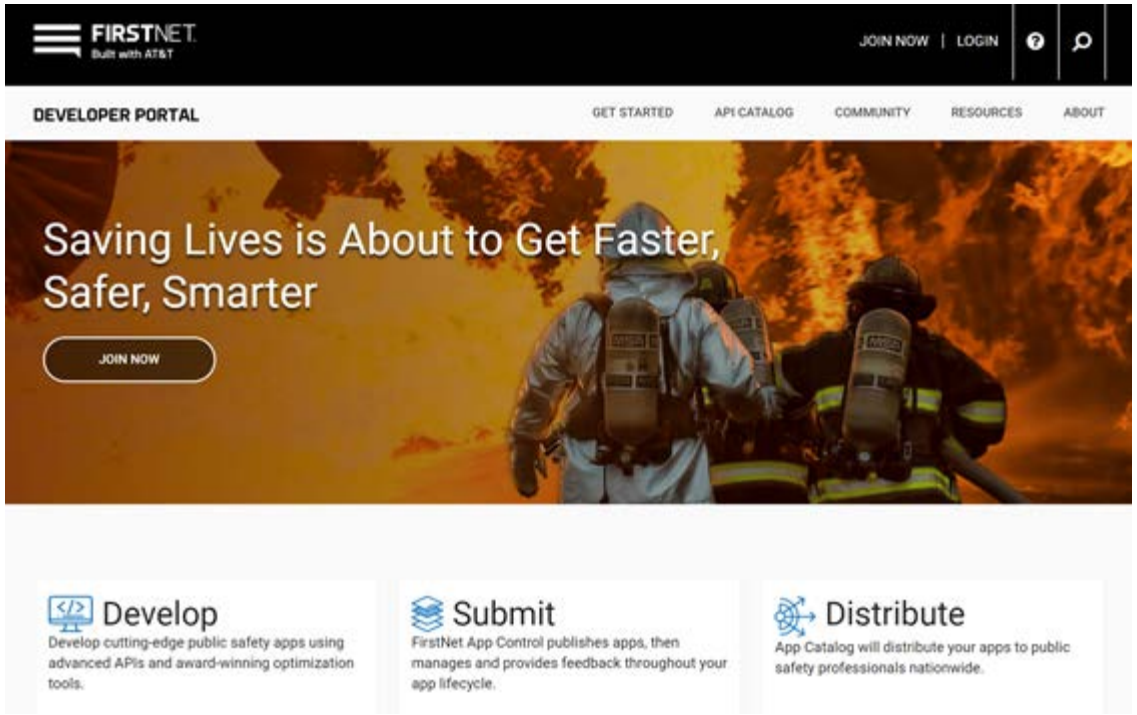


Considerations

- Governance
- Policy
- Training/Awareness
- Future Enhancements

FirstNet Application Developer Portal

- Entry point for developers to sign up for the FirstNet Developer Program
- Access APIs/SDKs and other resources
- Learn about App Publishing Guidelines for Certification & Review Process
- FirstNet “Certified” and “Listed” apps are published in the FirstNet App Catalog
- Learn about events including connect-a-thons, hack-a-thons, competitive events, and workshops
- Continuing discussions with Public Safety, App Developers, and AT&T to update and enhance the Portal



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FirstNet Application Catalog Levels

FirstNet Listed

Relevancy

Vetted and deemed relevant for use by first responders

Security

Inspected and adheres to security practices that help protect data sources and users from intrusions and malicious attacks

Data Privacy

Inspected and uses security mechanisms designed to avoid unauthorized data access and use

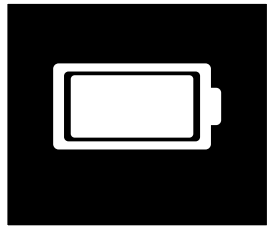
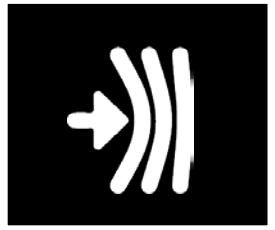
Availability

99.99%

Demonstrated availability of three 9s (99.9%)

FirstNet Application Catalog Levels

FIRSTNET CERTIFIED

Availability	Mobility	Resiliency	Scalability
99.99%			
Demonstrated availability of four 9s (99.99%)	Demonstrated that app's use of devices resources and network is optimized	Demonstrated that mechanisms are in place to enable service and data recovery after a failure	Demonstrated that mechanisms are in place to accommodate surges and other changes in demand and use

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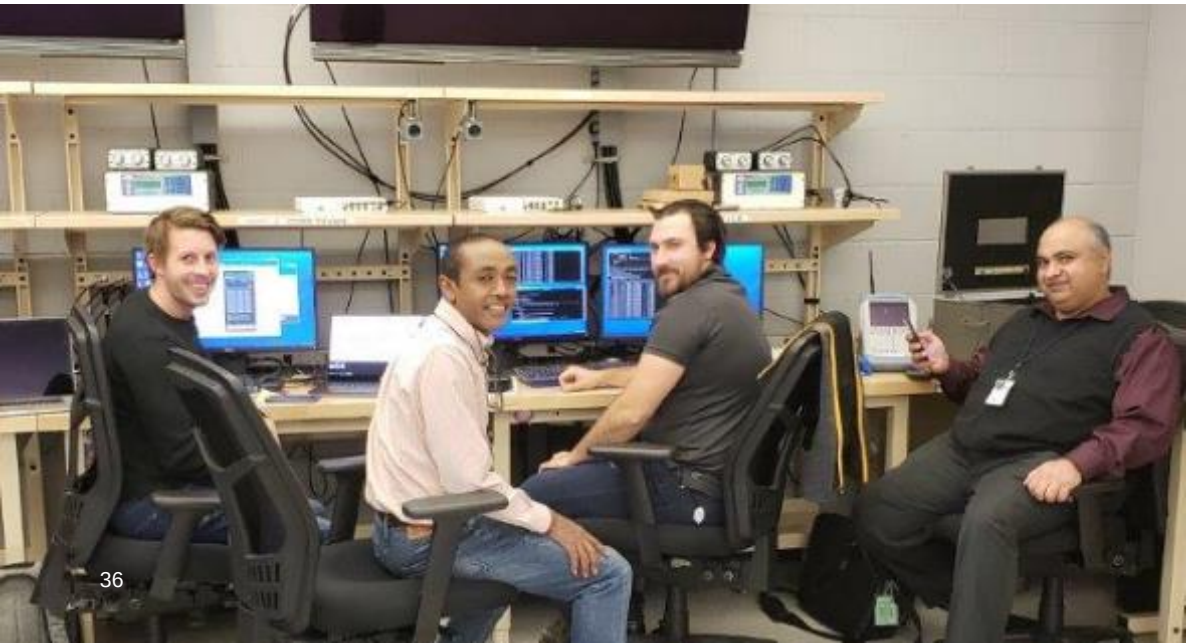
FirstNet Innovation and Test Lab: 2018 Activities



AUGUST

- **Edge of Cell emulation:** Edge of cell performance to support Task Order (TO) 4

SEPTEMBER

- **MIT Lincoln Lab:** Signed license agreement to enable public safety video research
- **TO4-Deployables:** Satellite-enabled deployment systems demonstration

OCTOBER AND NOVEMBER

- **Experience and Innovation Program:** Initial planning and program development

DECEMBER

- **TO3 Checkpoint 1**: AT&T's demonstration of next wave of features

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Technology Committee Annual Performance Evaluation and Charter Review

Neil Cox | Committee Chair

Technology Committee – FY 2018 in Review

The **Technology Committee** has the responsibility to review, oversee and recommend actions related to the FirstNet Authority's medium and long-term technology strategies, plans, and research and development activities to ensure that the resiliency and operational needs of public safety are met

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- The Committee approved Resolution 10 Technology Committee Charter Revisions
- The Committee received briefings and provided guidance on:
  - Core Network
  - Applications Ecosystem
  - Security Operations Center (SOC)
  - FirstNet Innovation and Test Lab
  - Device Approval Program
  - Involvement with recognized standards-setting entities
- Committee members attended the following stakeholder events:
  - Federal Mobile Technology Forum, Tyson's Corner
  - Press conference to announce Mason County as the first local agency in Illinois to join FirstNet
  - Public Safety Apps Innovation Forum, Houston
  - Global Network Operations Center (GNOC)/SOC tour
  - PSAC meeting, San Diego
  - PSCR Stakeholder Conference, San Diego
  - FirstNet/AT&T Hack-a-thon, Chicago
  - DHS S&T Operational Experimentation Exercise, Houston

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2018 FIRSTNET REVIEW

Chris Sambar

FIRSTNET
Built with AT&T

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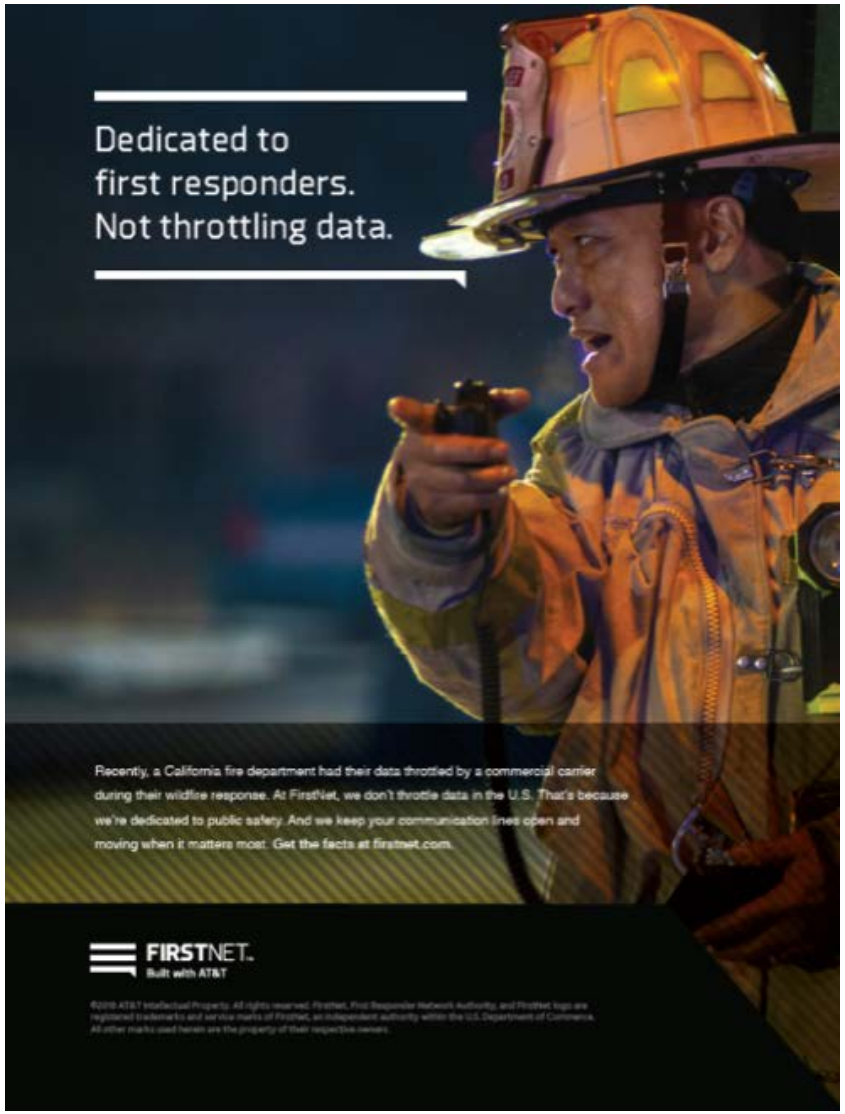
BRAND POSITIONING



Introducing FirstNet, the exclusive communications system built for first responders.

Get the FirstNet facts

FIRSTNET.
Built with AT&T

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RESPONSE OPERATIONS GROUP (ROG)

Deployables & Network – Event Solutioning April 2018 to Present

Emergency	*Planned*	*Resolved*
70	*20*	*90*

Hurricane Florence – 20 requests
- 13 SatCOLTS deployed, 7 resolved with alternate solutions

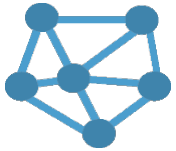
Hurricane Michael – 30 requests
- 24 SatCOLTS deployed, 6 resolved with alternate solutions

Requests are received for tracking and triaged quickly

- Resolutions reached collaboratively within AT&T

Public Safety resolutions often require more than a deployable dispatch

Cell Tower Tuning


Backhaul Adjustments

Alternate Power Sources

Loaner Device Distribution

In-Building Technology

Mobile Charging Stations

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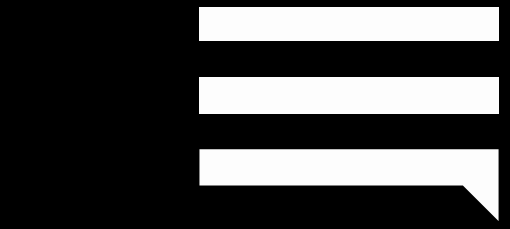

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Built with AT&T

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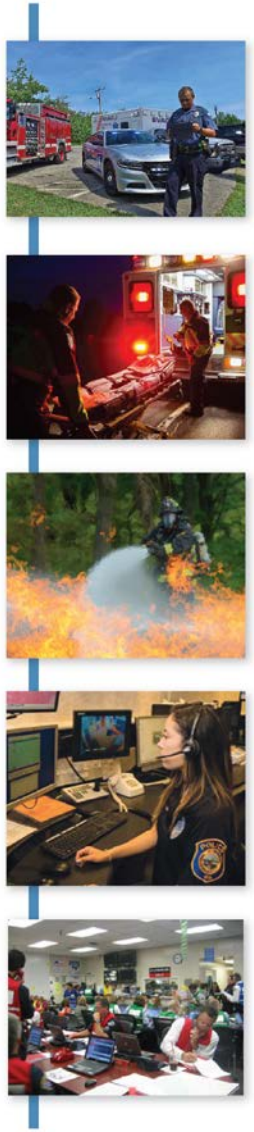
CEO Update

Ed Parkinson | Acting Chief Executive Officer
Jeremy Zollo | Director, Enterprise Strategy Division

Strategy: Aligning and Guiding Our Efforts for Public Safety



STRATEGIC GOAL

Deploy, maintain, and operate a nationwide public safety broadband network

MISSION

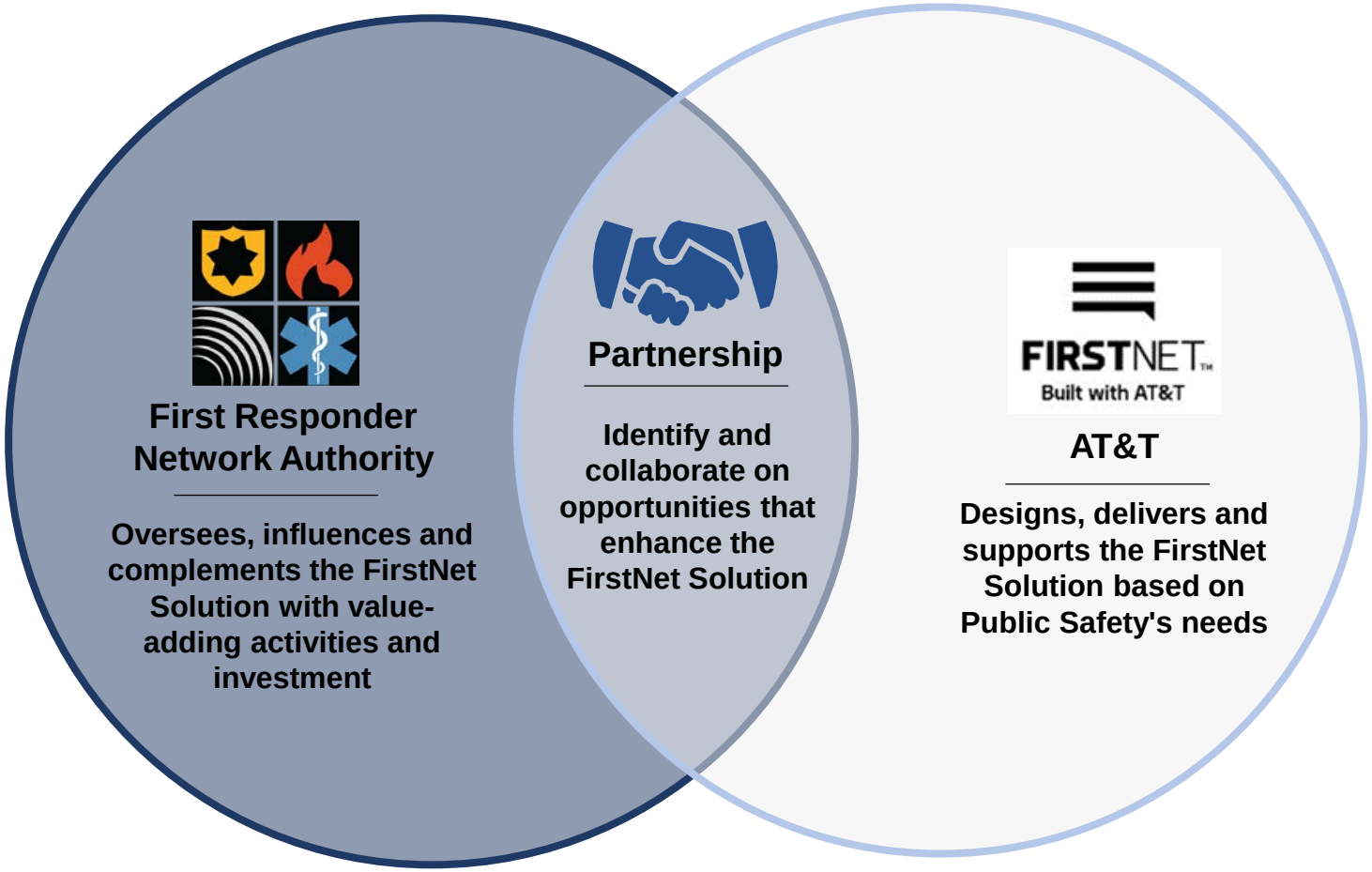
We are a catalyst for advancing the nationwide public safety broadband network

VISION

Create a dedicated and differentiated broadband communications experience that transforms public safety operations to save lives

- Guides our actions now through 2022 so we're aligned/able to meet our mission for public safety
- Metrics-based so we can validate we're meeting our goals
- Living document gives direction and structure, while encouraging growth, change, and collaboration

The FirstNet Experience: Delivering Beyond the Contract and Network



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Strategy Objectives

POSITIVE SENTIMENT

Engage, learn from, support, and advocate for the **public safety community** so that they benefit from the FirstNet Experience, convey a **positive sentiment**, and are champions of our efforts

SUCCESSFUL PARTNERSHIP PERFORMANCE

Oversee the management of a **successful partnership with AT&T** centered on two pillars – fulfilling the contractual objectives and improving the FirstNet Solution through value-adding activities that enhance the FirstNet Experience

RECOGNIZED DIFFERENTIATION

Create a **differentiated experience** for public safety by **fostering an ecosystem** and **investing resources** that advances the FirstNet Experience

FIRST RESPONDER NETWORK AUTHORITY ENABLEMENT

Work within the First Responder Network Authority and **across government to integrate the FirstNet Experience** and public safety- and broadband-related federal initiatives

ORGANIZATIONAL EFFECTIVENESS

Sustain the First Responder Network Authority organization and **enable a culture positioned and empowered to achieve our mission**

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FirstNet Authority In Action

Engage public safety entities and associations, PSAC, industry, and government to understand their trends, drivers, and priorities

Develop and promote public safety broadband communications roadmaps that reflect the voice of public safety

FirstNet Experience Accountability

Collaborate with public safety to realize the operational benefit of the FirstNet Experience

Invest in the network to further a differentiated FirstNet Experience

FirstNet

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