

## Combined Committee and Board Meeting

Thursday, March 15, 2018





## Governance and Personnel Committee Update

Sue Swenson, Governance and Personnel Committee Chair



### FirstNet's Journey



#### 2001

 Radio communication challenges impact responding law enforcement, fire, EMS



#### **FirstNet Created**

#### 2012

 Independent authority to ensure deployment of Nationwide Public Safety Broadband Network



#### Consultation

#### 2015-16

- Consultation in all 56 states/territories, federal, state, tribal and local public safety officials
- FirstNet works with states to collect and validate users and coverage data



#### **Deployment**

#### 2018-22

 Nationwide expansion and buildout of Band 14 for the Nationwide Public Safety Broadband Network



9/11 Commission

#### 2004

- Recommends national radio spectrum for public safety purposes
- Public safety unites to advocate for broadband network



#### **Outreach**

2012-15

- Outreach to the public safety community
- Governors identify single points of contact (SPOC) for FirstNet



#### **Engagement Partnership & Plans**

#### 2016-17

- Continued stakeholder engagement
- Network RFP
- Partnership Award to AT&T
- Delivery of State Plans
- Governor's decision



### Expression of Thanks for Chris Burbank, Ed Reynolds and James Douglas

# Resolution 87: Expression of Thanks for the Service of Chief Chris Burbank, Ed Reynolds and Governor Douglas as Members of the FirstNet Board

WHEREAS, **Chief Chris Burbank** has served as a member of the First Responder Network Authority Board and as a member of the Technology Committee since 2014, and his law enforcement experience as the 45<sup>th</sup> Chief of the Salt Lake City Police Department has helped expand our relationship with law enforcement officials around the country and has been invaluable to the Board;

WHEREAS, **Ed Reynolds** was one of the original members appointed in 2012 to the First Responder Network Authority Board and served during a critical period in the evolution of the organization and the Network. As a member of the Finance Committee and as a member of the Technology Committee, Ed Reynolds' experience as a pioneer in the wireless telecommunications industry has been invaluable to the Board;

WHEREAS, **Governor James Douglas** has served as a member of the First Responder Network Authority Board, as the Chair of the Finance Committee and a member of the Consultation and Outreach Committee since 2014, and helped shepherd the First Responder Network Authority through critical milestones in the development of the Network, including the organization's annual budgets, and was a valuable resource during the state plans and Governors' decision process;

NOW THEREFORE BE IT RESOLVED that the First Responder Network Authority Board hereby extends its formal appreciation to Chief Burbank, Ed Reynolds, and Governor Douglas for their extraordinary service and dedication as members of the First Responder Network Authority Board.

## **Governance and Personnel Committee Update**

#### **Welcome New Board Members**



#### **David Zolet**

- President and CEO of LMI, a management consulting firm
- Serves on the Finance Committee



#### Robert (Tip) Osterthaler

- Former President and CEO, SES Government Solutions
- Serves on the Technology Committee



Richard Ross, Jr.

- Police Commissioner, City of Philadelphia, the fourth-largest police department in the nation
- Serves on the Public Safety Advocacy Committee

#### **New Committee Chairs**



Neil Cox, Chair
Technology Committee



**Edward Horowitz, Chair** Finance Committee Chair



Paul Patrick, Interim Chair PSAC

## **Bylaws and Governance and Personnel Committee Updates**

 Proposed amendments to the FirstNet Bylaws and the Governance and Personnel Committee Charter will modify the process for the appointment of the Board Committee Chairs and Committee members



### **Appointment of Committee Chairs and Committee Members**

#### **Resolution 88: Appointment of**

# Edward Horowitz as Finance Committee Chair & Neil Cox as Technology Committee Chair Appointment of Committee Members

**NOW THEREFORE BE IT RESOLVED** that the First Responder Network Authority Board hereby appoints Edward Horowitz as the Finance Committee Chair and Neil E. Cox as the Technology Committee Chair until such time as they resign as Chair, no longer serve on the First Responder Network Authority Board, or are otherwise removed by the First Responder Network Authority Board;

**NOW THEREFORE BE IT FURTHER RESOLVED** that the First Responder Network Authority Board hereby appoints Richard Stanek and Richard Ross, Jr. to the Consultation and Outreach Committee; David Zolet to the Finance Committee; and Robert (Tip) Osterthaler to the Technology Committee;

**NOW THEREFORE BE IT FURTHER RESOLVED** that the First Responder Network Authority Board hereby confirms the following Committee appointments until such time as the Committee member(s) resigns from the Committee, no longer serves on the First Responder Network Authority Board, or is otherwise removed by the First Responder Network Authority Board:

Governance & Personnel	Consultation & Outreach	Finance	Technology
Sue Swenson (Chair) Edward Horowitz Jeff Johnson Teri Takai	Jeff Johnson (Chair) Ron Hewitt Kevin McGinnis Annise Parker Richard Ross, Jr. Richard Stanek Teri Takai	Ed Horowitz (Chair) Kathy Kraninger Sue Swenson David Zolet;	Neil Cox (Chair) Ron Hewitt Kevin McGinnis Robert (Tip) Osterthaler Chris Piehota.



## Bylaws and Governance and Personnel Committee Charter Update

The proposed amendments will modify the process for the appointment of the Board Committee Chairs and Committee members

- Proposed Amendments to the FirstNet Bylaws
  - Board Committees -- Section 3.09 Committees of the Board
    - The Board may, by a majority vote of the members, establish such committees of the Board as it determines from time to time to be advisable, provided that each such committee shall be composed of at least two (2) members. The Board Chair shall designate one committee member as Chair of the Committee (Committee Chair). The Board Chair shall, upon recommendation of the Committee Chair, appoint the members of the committee. All committee members shall serve at the pleasure of the Board Chair for such term or terms as the Board may determine and may be replaced by the Board Chair, notwithstanding such term or terms, at any time. The Committee Chair shall serve at the pleasure of the Board Chair and may be replaced by the Board Chair at any time
  - Proposed Amendments to the Governance and Personnel Committee Charter
    - Committee Membership and Committee Structure and Operations
      - The Governance and Personnel Committee shall consist of at least three members. Governance and Personnel Committee members shall be recommended by the Chair of the Governance and Personnel Committee and appointed by the FirstNet Board Chair for such term or terms as the FirstNet Board may determine. Governance and Personnel Committee members shall serve at the pleasure of and may be replaced by the FirstNet Board Chair. Each of the members of the Governance and Personnel Committee shall be a member of the Board or otherwise in accordance with the FirstNet Bylaws.
      - The FirstNet Board Chair shall designate one member as the Chair of the Finance Committee

## Memorial Recognition and Harlin R. McEwen Award to Tom Sorley

Resolution 89: Memorial Recognition and Expression of Thanks and Award of the Chief Harlin R. McEwen Public Safety Broadband Communications Award to Tom Sorley as the Chair and Member of the Public Safety Advisory Committee

WHEREAS, under **Tom Sorley's** leadership, the PSAC submitted recommendations on user profiles for onboarding and credentialing, preparing public safety agencies for adoption of First Responder Network Authority services, and valuable input throughout the state plan review process and Governors' decision period;

WHEREAS, under **Tom Sorley's** leadership, the PSAC Tribal Working Group provided recommendations during the development of the First Responder Network Authority Tribal Consultation policy;

WHEREAS, **Tom Sorley** has served as the Chair of the PSAC with great diligence, skill and enthusiasm, and his public safety expertise, experience, and exemplary leadership have been invaluable to the PSAC and the First Responder Network Authority Board;

NOW THEREFORE BE IT RESOLVED that the First Responder Network Authority Board hereby recognizes, in memorial, its formal appreciation to Tom Sorley for his extraordinary expertise, experience, and leadership as the PSAC Chair, and hereby posthumously awards the second **Chief Harlin R. McEwen** Public Safety Broadband Communications Award to **Tom Sorley** 



# Network Management and Operations Update

Rich Reed, Network Management and Operations Officer



## TO 1 and 2 (56 U.S. States/Territories and District of Columbia Opt-In)

#### Benefits of opt in

FirstNet – the network public safety fought for and needs for its vital mission – is a reality, delivering nationwide interoperability and key features now:

**Priority & preemption** Better sustainability **Greater security** More efficiencies **Enhanced coverage & capacity** 

#### **States/territories on FirstNet**



#### What's coming in 2018



Authority will issue task orders to deploy State RANs, giving AT&T the green light to expand the network to provide the bandwidth and mission-critical connections for public safety users



#### **Driving innovation:**

FirstNet will unlock a new technology marketplace for public safety, enabling first responders to benefit from the latest lifesaving technologies and applications

#### Securing emergency communications:

FirstNet's first-of-itskind core infrastructure will give first responders a dedicated, highly secure network with full encryption and end-to-end cybersecurity



#### Consultation with public safety:

The First Responder Network Authority will continue to engage

with public safety, states, territories, federal agencies, and tribal nations to ensure the network meets their needs



## **TO 3 Core Implementation Overview**



The Task Order requires AT&T to deploy, operate, and maintain the Nationwide Public Safety Broadband Network (NPSBN) to include three main components:

#### **Nationwide Core**

- Deploy, operate, and maintain the FirstNet Core
- Logically separate and highly secure NPSBN traffic from commercial traffic
- Develop and scope NPSBN's
   Preliminary Design and Critical
   Design to meet the First
   Responder Network Authority's expectations

#### **Products and Architecture**

- Host and manage NPSBN within AT&T data centers and transport infrastructure
- Develop collaborative roadmap to incorporate future missioncritical services
- Manage cybersecurity capabilities from a dedicated Security Operations Center

#### **Business Management**

- Manage and operate NPSBN through AT&T Operational Support Systems, Business Support Systems, and other Information Technology systems
- Provide customer care to FirstNet users
- Develop and maintain FirstNetbranded customer web portal

#### **Key Elements of Task Order 3**



FirstNet Core



Applications Ecosystem



Device Ecosystem



Mission-Critical Services



Cybersecurity Capabilities



Customer Service

#### The Task Order is a 25-year Firm-Fixed Price contract with 6 major milestones in the next 5 years



IOC-1 IOC-2 (Sept 2017) (Mar 2018)

IOC-3 (Mar 2019) IOC-4 (Mar 2020)

IOC-5 (Mar 2021) FOC (Mar 2022)



## **TO 4 RAN Deployment Overview**



The Task Order requires AT&T to execute State/Territory Radio Access Networks (RANs), including, but not limited to:

- Build, operate, maintain, and improve the RAN execution in each State/Territory's Plan of Record (POR)
- Provide Band 14 and non-Band 14 coverage and capacity that meets or exceeds targets depicted in the state/territory's POR and each IOC
- Fulfill any state-specific commitments as identified in the POR
- Evolve the network as features and technologies become available to better serve public safety users



## The IOC/FOC timeline will be specific to each State/Territory, which is separate and independent from the nationwide IOC/FOC timeline in the NPSBN Contract

	6 months	6 months	12 months	12 months	12 months	12 months
Technical Milestones	IOC-1	IOC-2	IOC-3	IOC-4	IOC-5	FOC
Deployables available for purchase, Data as a Service (DaaS)	✓	-	-	-	-	-
% of deployables that will support LTE with QPP and mission critical services	20%	40%	70%	95%	-	100%
% of public safety device connections	-	-	50%	-	100%	-
% of proposed Band 14 coverage in non-rural areas	-	20%	60%	80%	95%	100%
% of Contractor's proposed Band 14 coverage in rural areas	-	20%	60%	80%	95%	100%



## FirstNet Early Builders Update

- Projects working to transition NPSBN operations to AT&T
  - Cease advertisement of FirstNet PLMN-ID before April 1 or implement work-around
  - Cease B14 transmissions before July 1
- KLC reports complete by April 30
  - KLC reports for New Mexico and New Jersey are complete
  - KLC reports for Texas and ADCOM are in final editing and review
  - KLC reports for LA-RICS in early-mid stage draft
- Scheduling meetings with projects during March to discuss SMLA termination















## Consultation and Outreach Committee Update

**Jeff Johnson**, Consultation and Outreach Committee Chair **David Buchanan**, Director of Consultation



### **Consultation and Outreach Committee Charter Update**

#### **Proposed Amendments to the Consultation and Outreach Committee Charter**

- Name Change from Consultation and Outreach to Public Safety Advocacy
- **Update the primary duties and responsibilities** to reflect the Committee's role in FirstNet'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 services
  - Oversee outreach and engagement efforts:
    - with public safety entities, associations, and governance structures on the FirstNet program, network, and solutions;
    - to positively influence implementation of the FirstNet network and solutions, based on input from public safety.
  - Review the public safety advocacy aspects of management's material network and technology plans and Investment Review Board (IRB) and make recommendations, as appropriate.
  - Promote efforts to foster, recognize, and identify innovation and technical collaboration, by and between first responders, public safety agencies, wireless operators and suppliers, colleges/universities, consultants, start-up companies, and individuals
  - Oversee and contribute to the development and vertical integration of external communications, including messaging, branding and marketing, and engagement with public safety, media sources, and federal, state, tribal, and local governments.

#### **Success and How We Get There**

The Advocacy team will have a positive impact on the adoption and use of FirstNet by engaging users and potential users of the network, and by promoting innovation in public safety communications technology

#### **Public Safety Advocacy's Role**

- Educate, inform, and collaborate with public safety entities, associations, and governance structures
  on the FirstNet program, network, and solutions to understand and advocate for their needs
- Foster key relationships across the public safety community at all levels
- Collect feedback to influence our partner and the marketplace for the successful implementation of FirstNet



### **Educate and Inform**

Since January 1, 2018

More than 200 engagements

More than

10,000

stakeholders reached



Туре	Examples		
Major conferences	International Wireless Communications Expo (IWCE), Consumer Electronics Show (CES)		
Association engagements	Southeastern Association of Fire Chiefs, California National Emergency Number Association (CalNENA)		
Town halls	Phoenix, AZ; Beaumont, TX		
Public safety forums	Baton Rouge, LA; Houston, TX		
State-specific outreach meetings	Minnesota, Vermont, Virginia, Wisconsin, Hawaii		
Individual agency engagements	Nevada Department of Public Safety, Boston Police Department, Montgomery County Fire & Rescue		
Federal engagements	U.S. Marine Corps, U.S. Coast Guard, Federal Emergency Management Agency (FEMA) Regional Meetings		
Tribal engagements	Navajo Nation, Affiliated Tribes of Northwest Indians (ATNI)		

## Collaborate: Applications (Baton Rouge and Houston)

#### **Public Safety forums**

- Baton Rouge (Feb. 20)
- Houston (Feb. 27-28)

#### **Primary Results:**

- Identified applications and mobile technologies that public safety uses today
- Identified operational needs that could be addressed by improving existing mobile apps or creating new ones

#### **Next steps:**

- Produce specific operational needs statements on the applications, solutions, devices, and other capabilities identified by attendees
- Share operational needs with the developer community
- Follow up with attendees to show how their suggestions are being put to use
- Host additional forums
- <sup>18</sup>Keep attendees updated on progress





## FirstNet In Action: Adoption Highlights







## www.firstnet.gov/firstnet-in-action









# **Public Safety Advisory Committee Update**

Paul Patrick, Interim PSAC Chair



## **Administrative Updates**

#### **PSAC Membership**

#### Current vacancies include:

- Governor's Homeland Security Advisory Council (GHSAC)
- U.S. Conference of Mayors (USCM)
- National Emergency Number Association (NENA)
- National Association of State 9-1-1
   Administrators (NASNA)\*





#### **Early Builders Working Group (EBWG)**

- Final tasking letter expires
   March 31, 2018
- All 5 projects completed key learning conditions, and submitted official project summaries to FirstNet Office of the Chief Technology Officer (CTO)

Special thanks to the projects in Adams
County, Colorado; Harris County (TX); Los
Angeles Regional Interoperable
Communications (LA-RICS); the State of
New Jersey, and the State of New Mexico
for their valuable insights



## **Recent Meetings**

# **Location Based Services (LBS) Key Takeaways Webinar**

- Held in response to request during December 2017 PSAC meeting
- 30 PSAC members participated with FirstNet Authority and AT&T staff on January 9
- Validated key takeaways from LBS use cases report developed to better understand the drivers of the operational needs for horizontal and vertical accuracy





# Tribal Working Group (TWG) Meeting, Tempe, AZ

- 8 TWG members, FirstNet Authority and AT&T staff in attendance
- Discussed newly adopted Tribal Consultation Policy, rights of way processes, and FirstNet service procurement for Tribal governments
- TWG participated in LTE Broadband 101 session led by FirstNet



Thank you, Board Member Kevin McGinnis, for participating



## **Tentative Upcoming PSAC Meetings**

March: Mission-Critical Push-To-Talk (MCPTT) webinar

**April:** FirstNet Applications Ecosystem webinar

May: Subscriber-Paid Offer webinar

**TBD:** Network Status Tool Webinar, Quality of Service, Priority and Preemption (QPP) webinar

Monday, June 4: Full, in-person PSAC Meeting, San Diego





# Metropolitan EMS (MEMS) Tour Video



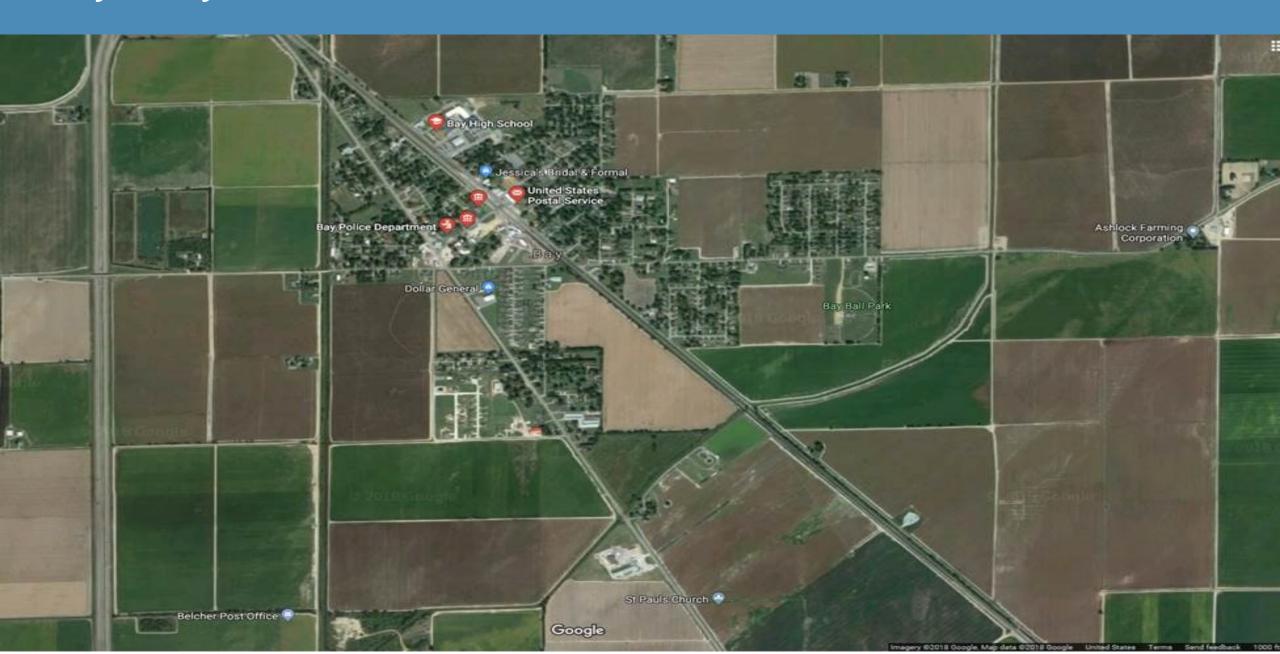


## **City of Bay Presentation**

Fire Chief Kevin McMasters, City of Bay Chief of Police Paul Keith and Sergeant Keith Milam, City of Bay



## City of Bay Aerial View





# **Technology Committee Update**

Neil Cox, Technology Committee Chair

Jeff Bratcher, Chief Technology Officer and Operations Director

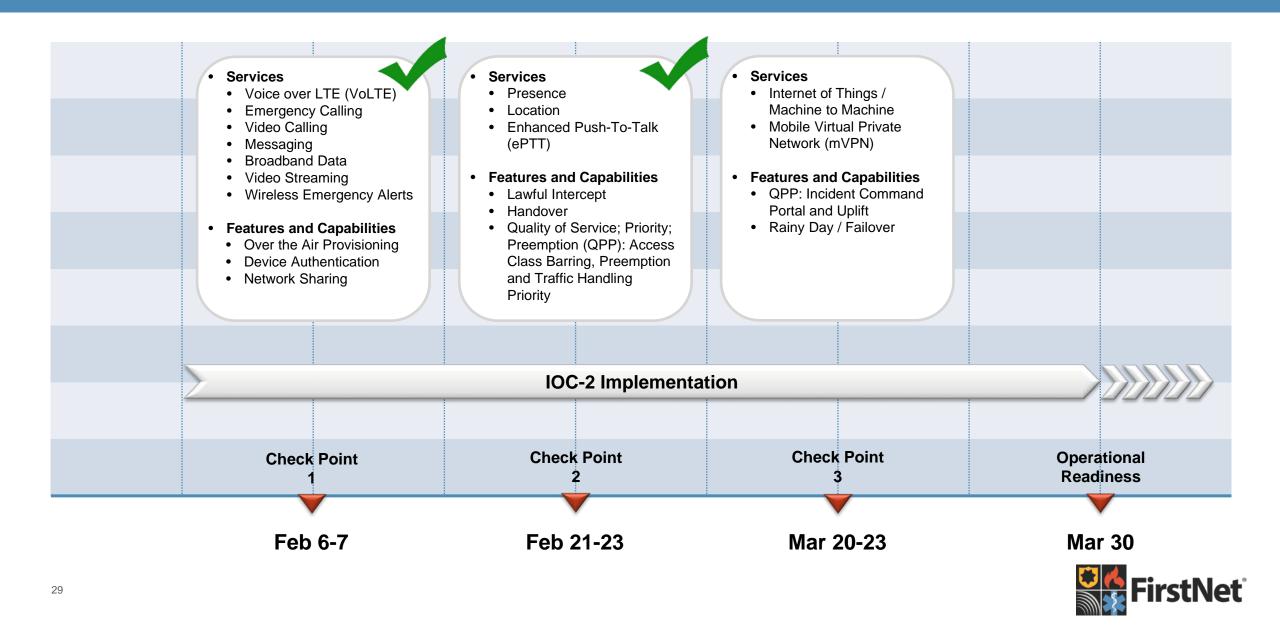


### **Technology Committee Charter Update**

### **Proposed Amendments to the Technology Committee Charter**

- Update the primary duties and responsibilities to reflect the Committee's role in the deployment of the FirstNet network and solution:
  - Review the material technology and innovation strategies and capabilities of the FirstNet network and solution
  - Review the material FirstNet network and solutions and technology aspects of the investment funds or reserves and Investment Review Board recommendations
  - Review the FirstNet network and solutions and technology aspects of management's material outreach plans that require review by the Public Safety Advocacy Committee and/or the FirstNet Board, and make recommendations as appropriate.
  - In collaboration with management, the Public Safety Advocacy Committee, and the FirstNet Board, promote efforts to foster and recognize innovation and technical collaboration by and between first responders, public safety agencies, wireless operators and suppliers, colleges/universities, consultants, start-up companies and individuals.

### FirstNet-Dedicated Core Network Check Point Tests

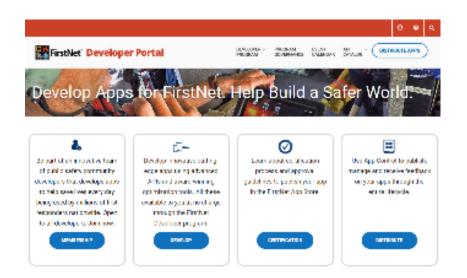




### **Applications Test and Certification**

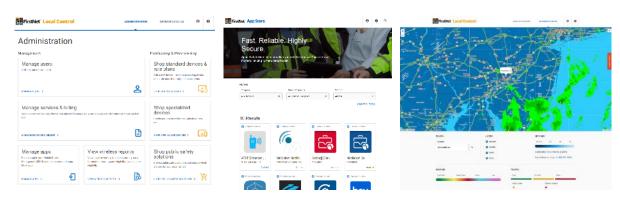
### **Applications Development Program**

- Growth in registered developers
- Submissions of public safety applications for review and certification
- First app(s) to complete certification posted in App Catalog
- Early life experiences have led to process improvements
  - Streamlined submission, separate review and certification checklists



### **Applications Ecosystem**

- Virtual environment built on commercial cloud services
- Hosting instance of ATAK (Android Tactical Awareness Kit)
  - US Air Force developed situational awareness app
- Testing ICAM integrations with existing trust frameworks
  - Integrated with NIEF (National Identity Exchange Federation) test instance, used by law enforcement
  - Evaluating FirstNet network's ICAM solution and onboarding processes





## Applications Lab Experience, Testing, Innovation

#### **Innovation and Test Lab**

- Evaluating public safety applications with focus on User Experience
  - User interface
  - Battery life impact
  - Device resource usage and performance
  - Evaluation on various device form-factors / platforms
  - Behavior in different network conditions (simulation environment)
- Use case experience for visitors, e.g., telemetry and patient information transfer from EMS



### **Virtual Applications Lab**

- Virtual environment built on commercial cloud services
- Hosting instance of ATAK (Android Tactical Awareness Kit)
  - US Air Force developed situational awareness app
- Testing ICAM integrations with existing trust frameworks
  - Integrated with NIEF (National Identity Exchange Federation) test instance, used by law enforcement
  - Evaluating FirstNet network's ICAM solution and onboarding processes





### FirstNet Devices Ecosystem

- Achieving rich and diverse user device portfolio including most popular smartphones at commercial pricing. Working closely with AT&T to influence development of specialized devices focused on the needs of public safety
- Band 14 adoption ramping up as can be seen in recent Samsung S9/S9+ and Sonim XP8/XP5s user device announcements
- Influencing AT&T device ecosystem roadmap to be inclusive of Public Safety focused Internet of Things (IoT) devices and accessories
- FirstNet Subscriber Identity Module (SIM)/Universal Integrated Circuit Card (UICC) ready and being distributed for availability by the end of March in concert with FirstNet Core Network launch







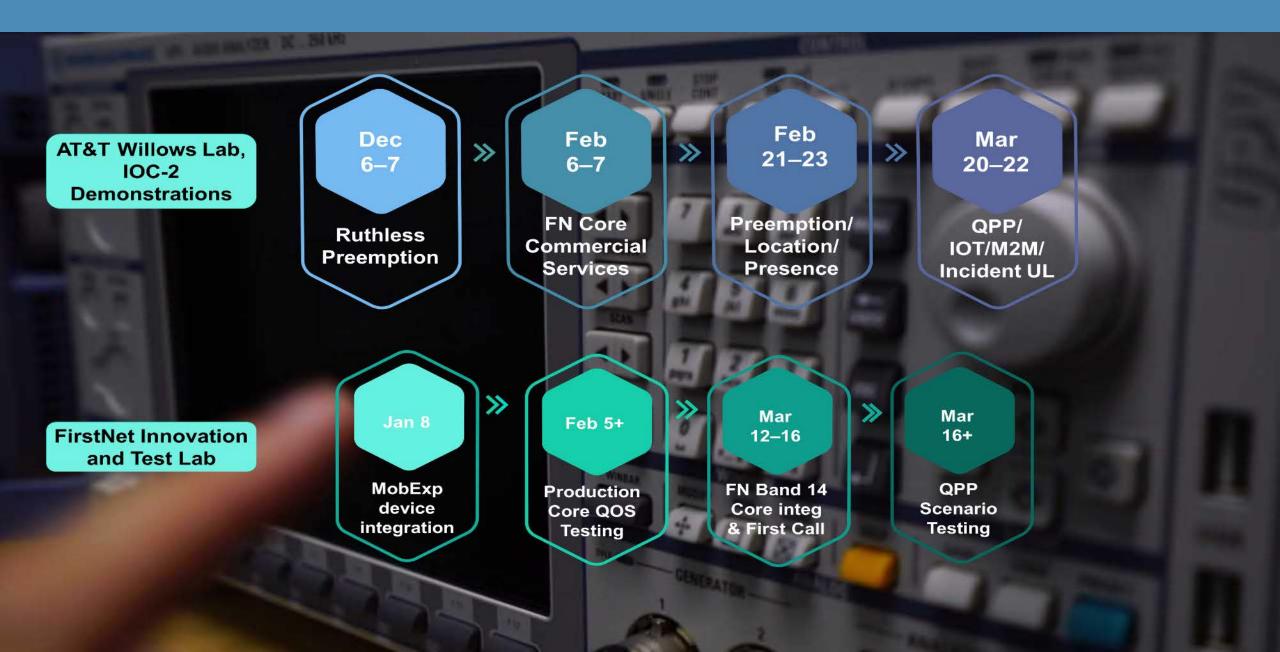


## **Standards Strategy**

Wireless Technologies	Interoperability w/Legacy	Applications
Continue to Drive Public Safety Needs in the 3 <sup>rd</sup> Generation Partnership Project (3GPP)	Engage Legacy Standards for Land Mobile Radio	Drive Adoption of Existing and Creation of New Application Standards
Enhance Mission-Critical     Services and Enablers      EC Support for Dublic Sefets	<ul> <li>Interworking among Land Mobile Radio (LMR) and LTE Push To Talk (PTT) Systems - 3GPP and Alliance for Telecommunications Industry Solutions / Telecommunications Industry Association (ATIS/TIA)</li> </ul>	<ul> <li>Focus on Interoperable Data Exchange (Formats, Schema, etc.)</li> </ul>
<ul> <li>5G Support for Public Safety requirements</li> </ul>		<ul> <li>Create and Enhance Application Standards Based upon Gaps Identified</li> </ul>



## FirstNet Innovation and Test Laboratory





## FirstNet, AT&T, NIST/PSCR MOU: Innovation Collaboration

Advance public safety technology

Assess public safety technology

Innovation challenges







Convene scientific and industry communities

Collect and share data





## **Finance Committee Update**

Edward Horowitz, Finance Committee Chair Kim Farington, Chief Financial Officer



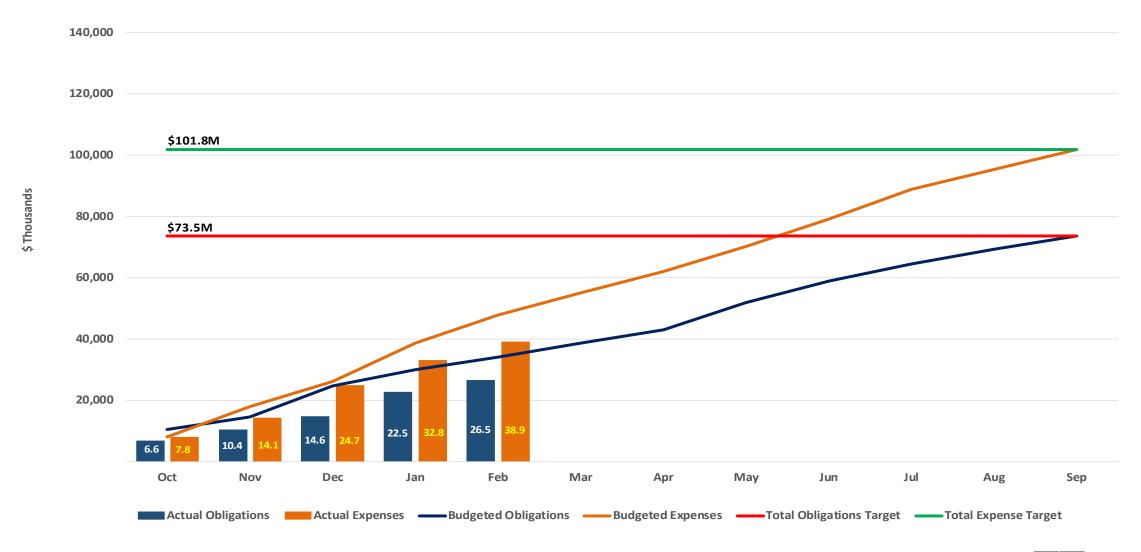
## **Finance Committee Charter Update**

### Proposed Amendments to the Finance Committee Charter

- Update the primary duties and responsibilities to reflect the Committee's role in the risk management and the investment review process.
  - Review the material financial controls and Quarterly risk management assessments of FirstNet.
  - To the extent FirstNet's financials are materially affected, review reports and findings from the Department of Commerce (DOC), Office of the Inspector General (IG), and Government Accountability Office (GAO), as well as official responses from FirstNet senior leadership to those reports and findings, after such reports, findings, and responses have been finalized and submitted, but, where feasible, prior to their public release, and make recommendations, when deemed appropriate, for FirstNet Board review.
  - Review and notify the FirstNet Board of investments, or reserves over \$10 million and make recommendations,
     when determined appropriate, for FirstNet Board review of such investments or reserves.
  - Review the material terms of any material agreements and make recommendations to the FirstNet Board,
     including without limitation agreements regarding investments, or reserves greater than \$25 million in value



## **FY 2018 Cumulative Financial Results**



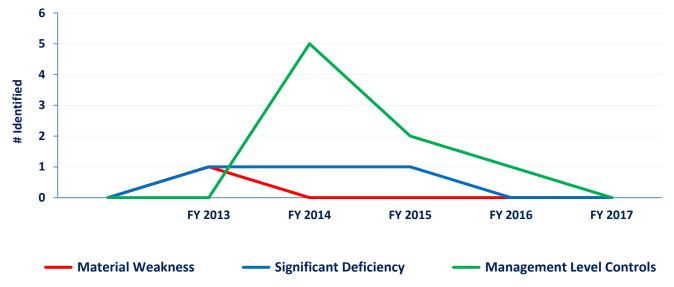


## **FY 2017 Financial Statement Audit Summary**



- Earned fifth consecutive "clean," or unmodified, audit opinion
- Closed last open management level finding related to the controls over the maintenance of supporting documentation in the official personnel files that support payroll expenses







## Established an Investment Review Process to Effectively Spend Funds



ALIGNMENT: Increase alignment with FirstNet's strategic goals



**EFFICIENCY:** Streamline portfolio management to properly focus investment evaluations



**EXPERTISE:** Leverage subject matter experts to focus on FirstNet priorities, utilizing industry best practices



**RISK CONTROL:** Ensure predictability of outcomes through better insight and decision-making while ensuring strict legal compliance with all investment decisions



**TRANSPARENCY:** Establish transparency across the investment portfolio to better inform FirstNet senior management decision-making



## Resolution 90 FirstNet Bylaws and Committee Charter Revisions

- NOW THEREFORE BE IT RESOLVED that the FirstNet Board hereby adopts the revised and amended Bylaws of the First Responder Network Authority as presented by management, a copy of which is attached hereto as Exhibit A;
- BE IT ALSO RESOLVED that the First Responder Network Authority Board, having reviewed the
  recommended revisions to each of the Committee Charters as proposed by each Board
  Committee, hereby adopts the revised and amended Committee Charters as presented by each
  of the Board Committees of the First Responder Network Authority, copies of which are attached
  hereto as Exhibit B.
- BE IT ALSO RESOLVED that the First Responder Network Authority Board hereby approves the
  proposed change in name of the Consultation and Outreach Committee to the Public Safety
  Advocacy Committee, and will amend the First Responder Network Authority Bylaws to reflect
  this change.





# **CEO Update**

Mike Poth, Chief Executive Officer



## Band 14 Spectrum Relocation Program Recipient: Arkansas

- FirstNet Support to Public Safety Band 14 Incumbents, including Arkansas
  - Recognizing the challenges with clearing Band 14, FirstNet established the Band 14 Spectrum Relocation Grant
    Program to support eligible incumbent relocation costs while paving the way for timely deployment of the FirstNet
    network and solution
    - Total program scope was \$23.8 million awarded to 10 public safety grantees
  - Among the incumbents was Arkansas State Police (ASP), which was awarded \$3,794,764 to reprogram 24,000 radios and six fixed repeater sites throughout the state.
    - The Department of Information Systems (DIS) was sub-recipient tasked to implement the Band 14 spectrum relocation project on behalf of ASP
- FirstNet collaborated with Arkansas For Timely and Successful Spectrum Relocation
  - ASP effectively cleared the spectrum between August 1, 2016 and November 30, 2017
  - During the period of performance, FirstNet established a strong relationship with Arkansas to assist their efforts
    - Monthly teleconferences with ASP and DIS personnel to address issues, gather metrics
    - Conducted FirstNet site visit to ASP HQ in Little Rock to verify compliance, provide lessons learned and ensure smooth project execution
    - Overall highly successful and cost-efficient spectrum clearance effort
  - Arkansas will closeout its award at the end of February 2018





# **Board is Adjourned**

