FirstNet Board and Committee Meetings

June 29-30, 2016

FirstNet Committee Meeting

June 29, 2016

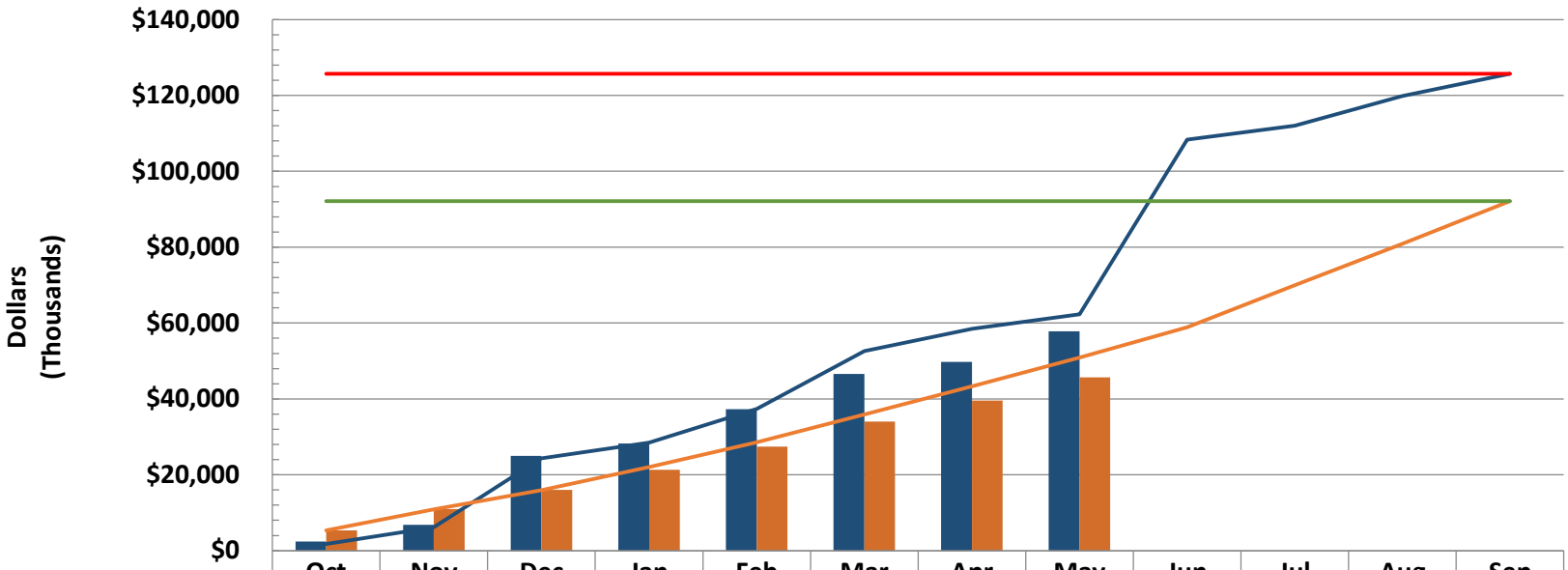
Finance Committee Update

Kim Farington
Chief Financial Officer

Agenda

- FY 2016 Obligations and Expenses
- FY 2017 Budgeting Process
- Strategic Plan Update

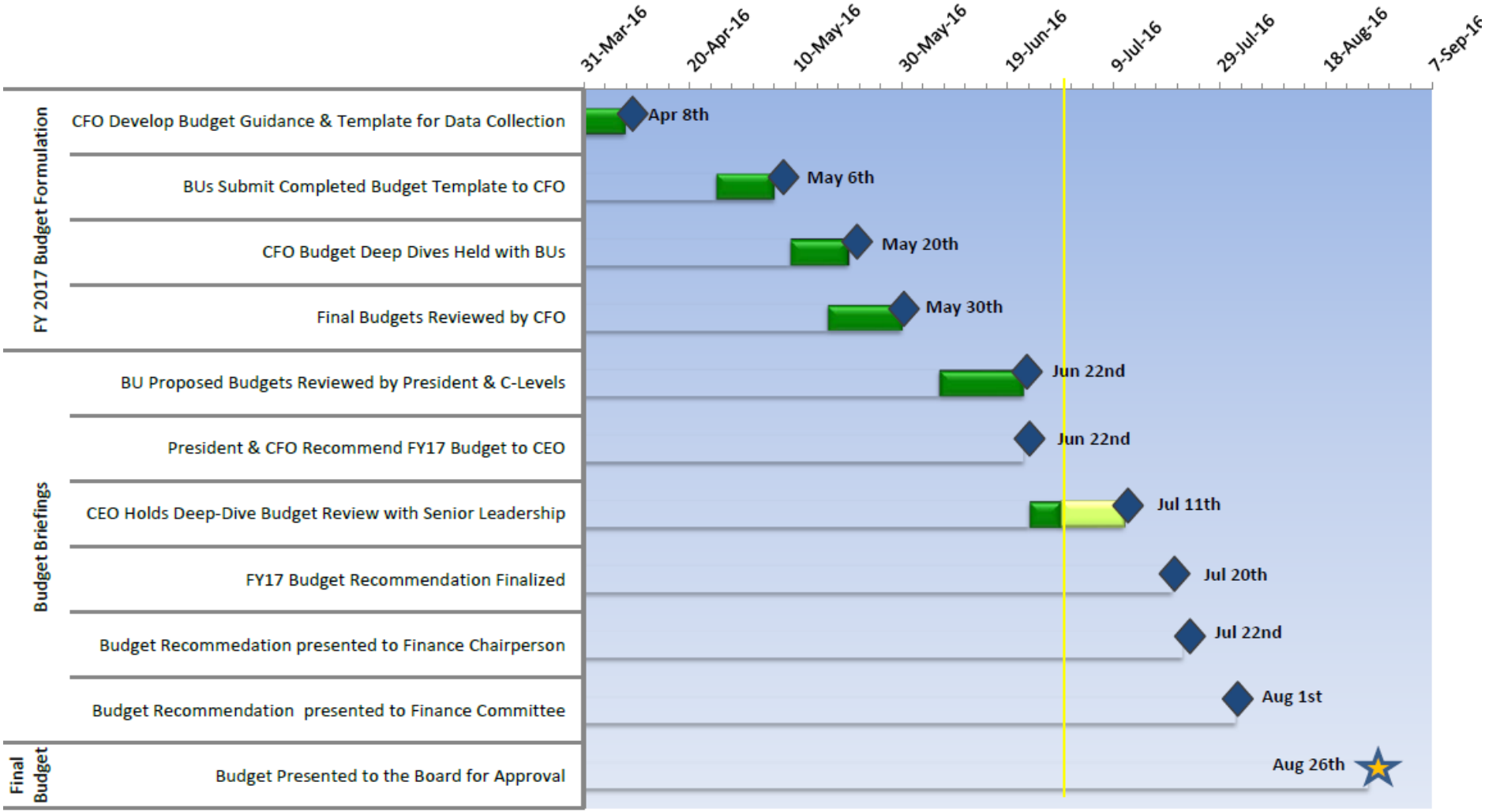
FirstNet Overall Cumulative



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Actual Obligations	2,446	6,805	24,994	28,209	37,300	46,565	49,761	57,796	-	-	-	-
Actual Expenses	5,354	10,945	16,006	21,348	27,410	34,032	39,578	45,700	-	-	-	-
Budgeted Obligations	1,772	6,131	24,320	28,526	37,353	52,605	58,459	62,312	108,353	111,984	119,846	125,734
Budgeted Expenses	5,342	10,923	15,972	22,072	28,581	35,869	43,345	50,938	58,881	69,935	80,884	92,104
Total Obligations Target	125,734	125,734	125,734	125,734	125,734	125,734	125,734	125,734	125,734	125,734	125,734	125,734
Total Expense Target	92,104	92,104	92,104	92,104	92,104	92,104	92,104	92,104	92,104	92,104	92,104	92,104

% Obligated = 46.0% **% Expensed = 49.6%**

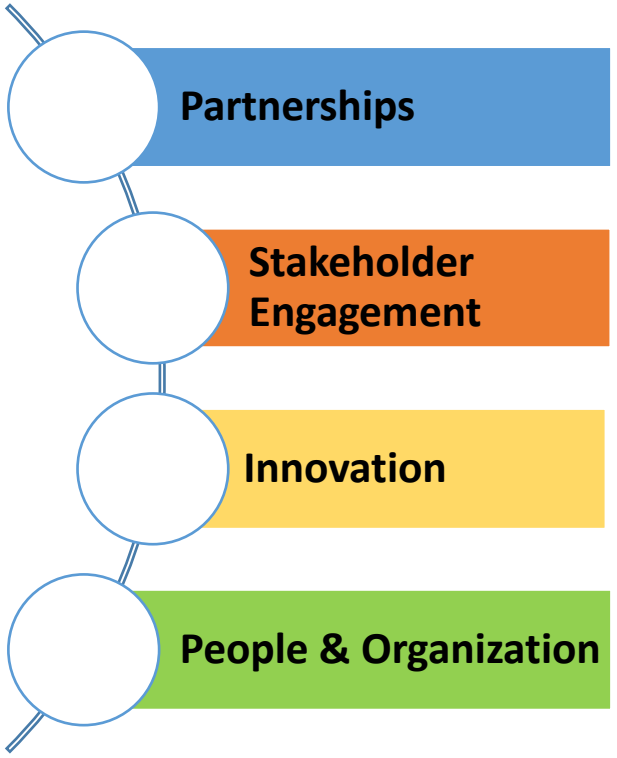
FY 2017 Budget Formulation Timeline



5-Year Strategic Plan

- 2016-2020 Strategic Plan
  - Four strategic goals and seventeen objectives
  - Key activities that help us achieve the objectives
  - Key performance indicators (KPI's) and metrics
  - Captures critically important strategic human capital initiatives
  - Performance management and evaluation planning

- Provides strategic direction for FirstNet as an enterprise beyond the NPSBSN contract award and Strategic Roadmap milestones



Linking Plan to Performance

- Strategic plan and supporting operational plans help us measure performance across the organization
  - Includes the management of the NPSBN contract, but goes beyond it
  - KPIs reflect critical activities within FirstNet
  - Facilitates measurement of success for those activities

- Performance management facilitates better decision making
  - Increased insight to resource allocation and needs
  - Captures linkages and coordination of effort across business units
  - Validates that activities work in unison towards common goals and objectives
  - Provides transparency and enables accountability

Boulder Facility Lease Resolution

Governance and Personnel Committee Update

Mike Poth
Chief Executive Officer

Evolving From a Start-up To Public-Private Partnership

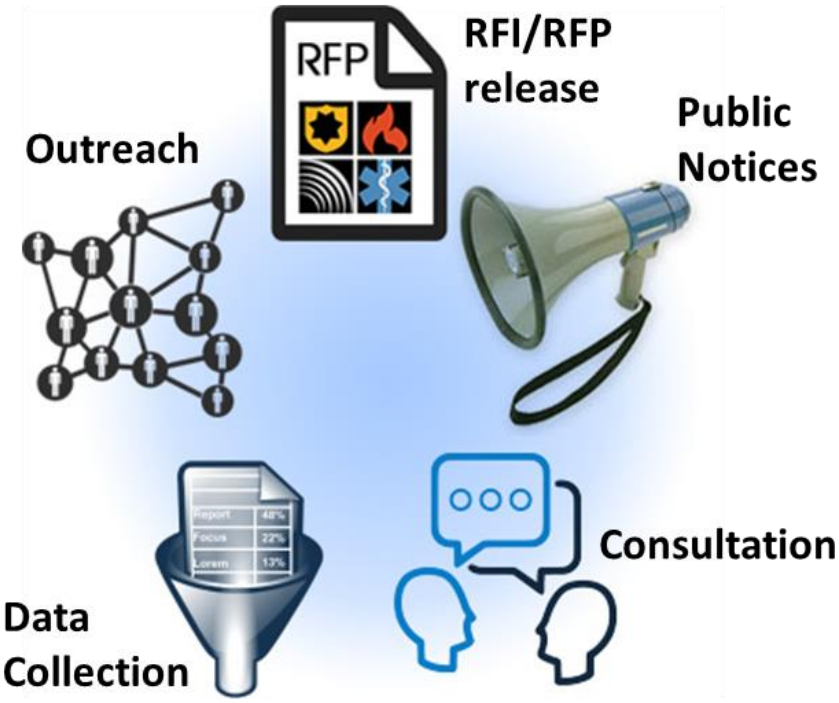
FirstNet®

Start Up Priorities

- $7 Billion in Funding
- Roadmap to RFP
- Consultation, Outreach, Education
- Budget & Staffing

Recent Progress

- ☑ Draft RFP
- ☑ NTIA & FCC Synergies
- ☑ State, Territory, and Federal Outreach
- ☑ RFP Issued / Evaluation



Transitional Phase

FY 17-18 Planning

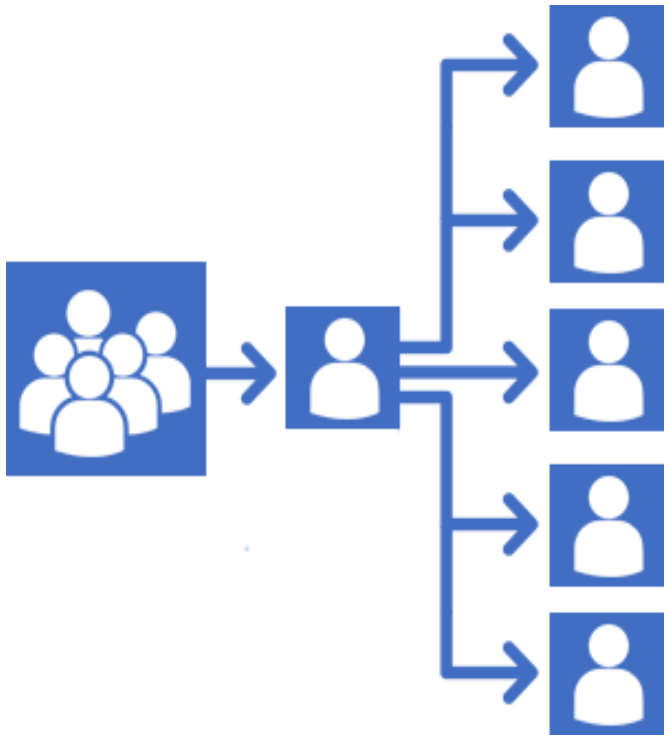
- Lean, Innovative, Independent
- Drive Creativity and Flexibility

Organizational Structure & Human Capital Plan

- Key FirstNet Roles and Responsibilities
- Validation, Verification, Administration

Partnership Structure

- Ensure Financial Stability
- “Win-Win-Win” Business Model



Positioning for Partnership

Key Tenets

- Partnership Support and Integrated Coordination
- Maintain Lean, Cost Effective Structure
- Maximize Revenue for Maximum Network Reinvestment
- Innovation, Ingenuity, Urgency

Public Safety Advisory Committee (PSAC) Charter Resolution

PSAC Charter Modifications

Charter updated to reflect:

- Addition of federal member(s) to the PSAC
- Reporting structure of PSAC Executive Committee to FirstNet
- New PSAC organizations since original Charter in June 2014

Technology Committee Update

Jeff Bratcher
Chief Technology Officer

Agenda

- Network Policies
- FirstNet Boulder Lab
- R&D Funds for Public Safety
- Early Builder Projects Update

FirstNet Network Policies

- The Middle Class Tax Relief and Job Creation Act of 2012 requires FirstNet to “establish network policies”

- FirstNet policies to include:
  - Core and RAN technical and operational requirements
  - Network management standards and procedures
  - Back office and user requirements (e.g., billing)
  - Monitoring and compliance requirements regarding network management, operation, and use
  - Public safety and user training

- Initial policy set to be released in conjunction with the delivery of State Plans

FirstNet Network Policies

- Constitute the basis for network interoperability
- Reflect early builders, public safety, and PSAC input and lessons learned
- Provide development and operations guidelines for the Partner
- Establish criteria for FCC and NTIA to evaluate opt-out states' alternative RAN plans

FirstNet's Boulder Laboratory

- Boulder Lab cleared for construction, to be completed December 2016

- Requesting that Partner provide the production environment, i.e., the LTE network equipment, devices, applications, and services such as:
  - LTE core network capability
  - Local Band 14 radio base stations
  - Ruggedized handheld devices and vehicle modems
  - Mission Critical services - Quality of service, priority, preemption

FirstNet's Boulder Laboratory

- FirstNet provides:
  - **Quality Assurance** prior to and during deployment (IOC/FOC milestones), e.g., verifying network resilience to a hardware failure or ensuring the priority of public safety users during incidents
  - **Validation and Verification** of NPSBN features and functions including end users' experience with devices and applications, e.g., a firefighter's use of an application with gloved hands
  - **Band 14 Device Approval** activities including ensuring security, radio performance and resiliency, and the safety of devices used on the NPSBN
  - **Acceptance Testing** of Partner-provided capabilities, e.g., local control solutions, identity and credentialing access management
  - **Future NPSBN application development environment**

FirstNet vis-à-vis National Institute of Standards and Technology/Public Safety Communications Research (NIST/PSCR)

FirstNet Laboratory

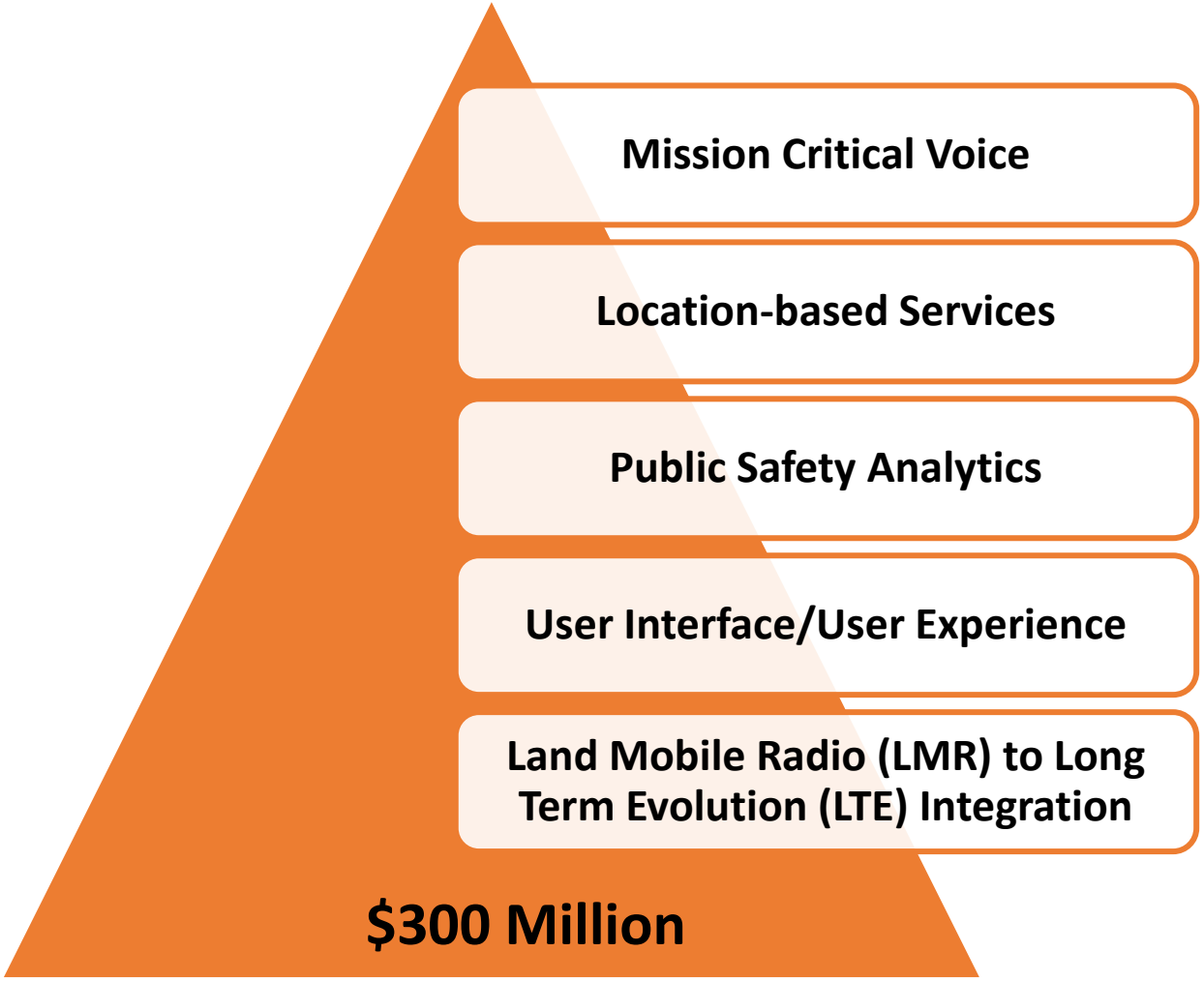
- Perform NPSBN implementation validation and verification
- Provide NPSBN operational testing
- Enable NPSBN apps open APIs

NIST/PSCR

- Conduct public safety R&D
- Accelerate public safety broadband development
- Provide long term public safety products and services development

Collaborate on R&D prize challenges; load and stress tools and equipment; network equipment; public safety apps

R&D Funds for Public Safety



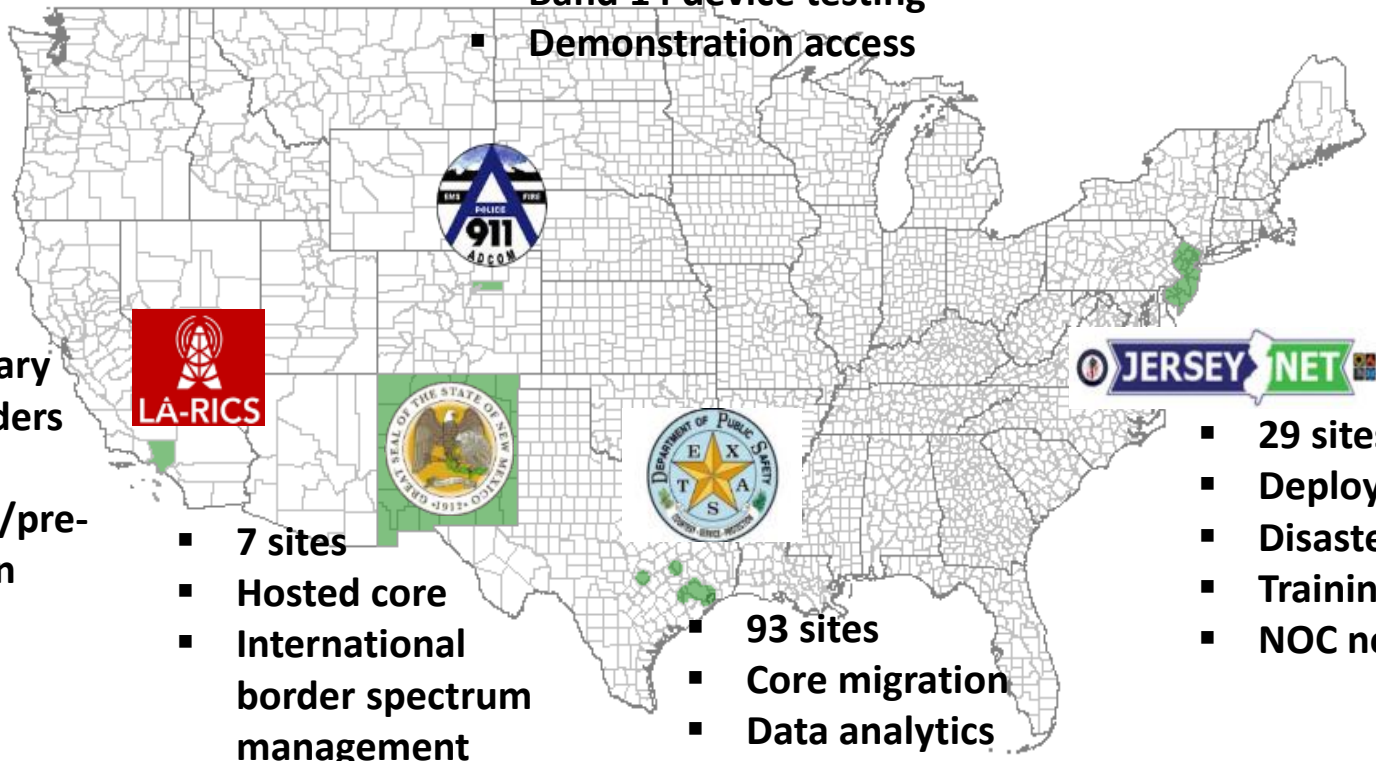
Summer/Fall 2016
Prize Competition

August 2016 Summit

Spring 2017 Summit

Band 14 Early Builder Projects

- 20 sites
- PSCR/FirstNet testing
- Band 14 device testing
- Demonstration access



- 77 sites
- Secondary responders
- QOS
- Priority/pre-emption

- 7 sites
- Hosted core
- International border spectrum management
- Federal partnerships

- 93 sites
- Core migration
- Data analytics
- Rural coverage
- Special events
- LTE training

- 29 sites
- Deployable assets
- Disaster recovery
- Training exercises
- NOC notification

FirstNet Boulder
Bring Your Kid to Work Day 2016

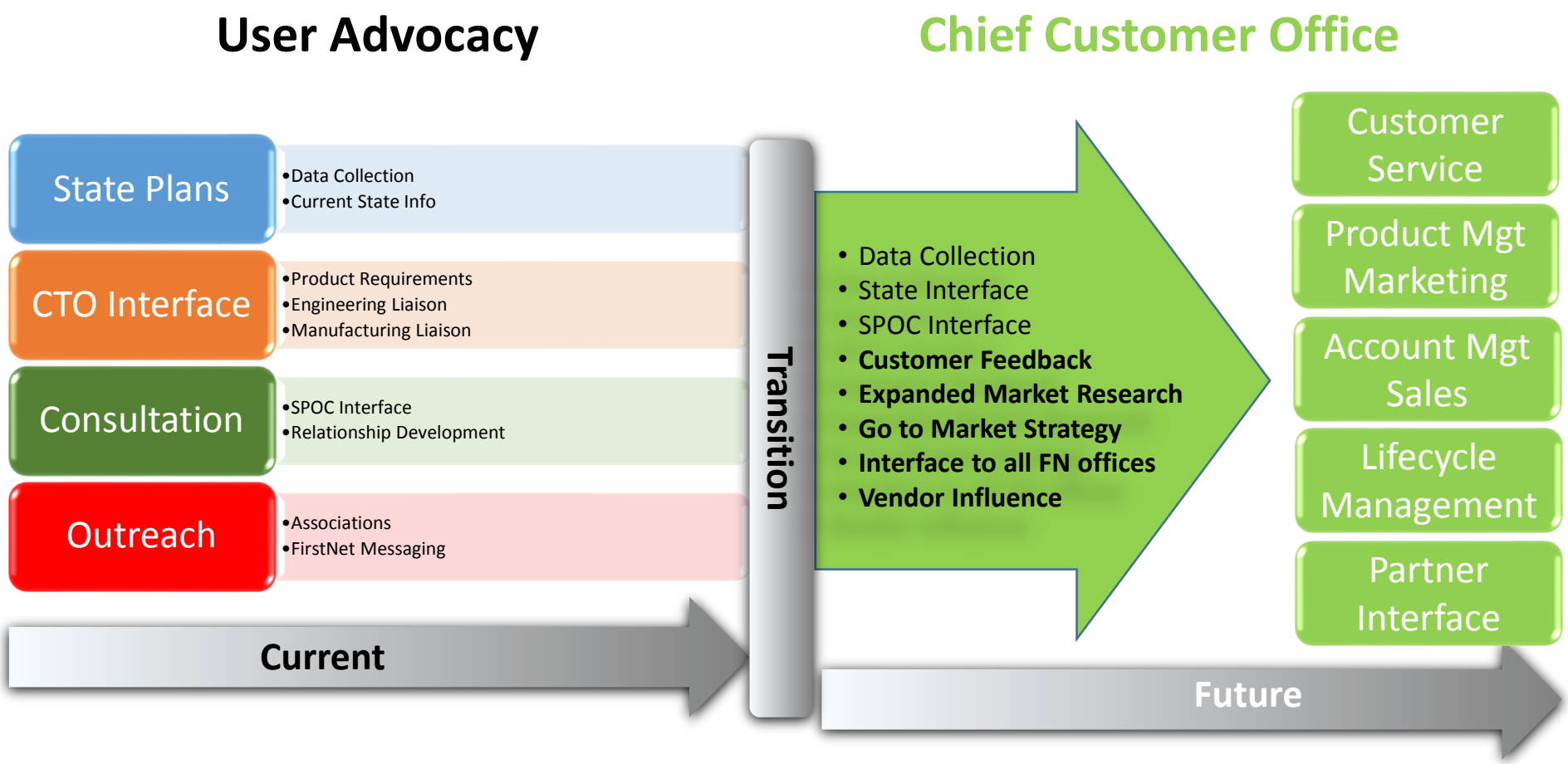
- Demonstrating search and rescue with a dog, courtesy Jen Harder
- Testing LMR and Broadband devices

Consultation and Outreach Committee Update

User Advocacy Update

Rich Reed
User Advocacy

Transition to the Chief Customer Office (CCO)



State Plans Update

Rich Reed
User Advocacy

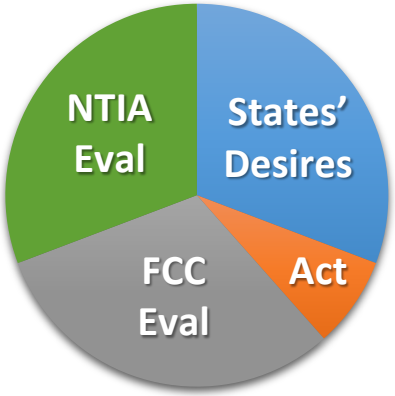
State Plans Overview

PURPOSE

The State Plan will identify FirstNet and its Partner's proposed RAN plan to deliver the best service FirstNet and its Partner can offer in the State or Territory

CONSULTATION

MULTIPLE PURPOSES



PARTNERSHIP

CRITICAL ELEMENTS

DELIVERY

- ✓ **50 States**
- ✓ **5 Territories**
- ✓ **1 District**

GOVERNOR'S DECISION

90 Days

DEPLOYMENT

- FirstNet Service Availability
- Cost-effectiveness
- Speed of Deployment
- Economies of Scale

State Data Sharing Opportunities

FirstNet Data Collection Guidance Released

FirstNet RFP Released

FirstNet Contract Award

Inform RFP and Reading Room

State Plan Preparation

Mar 2015 | *Sept 2015* | *Jan 2016* | *Apr 2016* | *Sept 2016* | *Nov 2016*

Data Collection

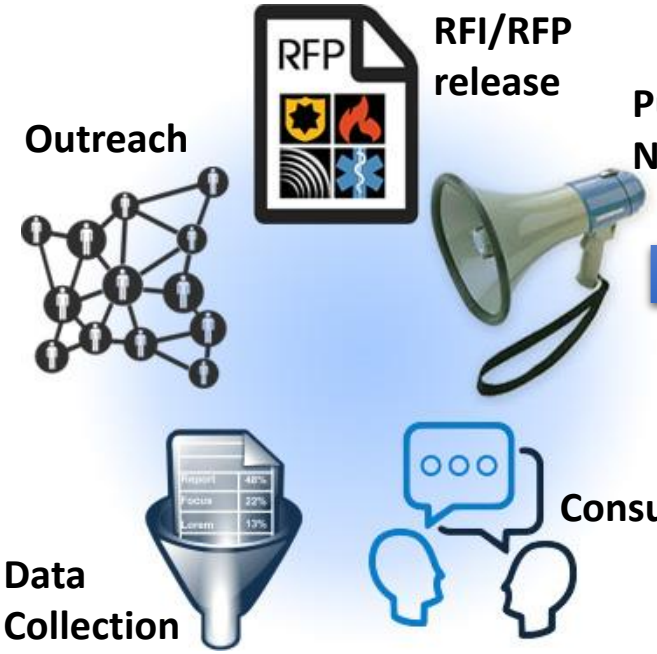
Collect Optional Data Updates

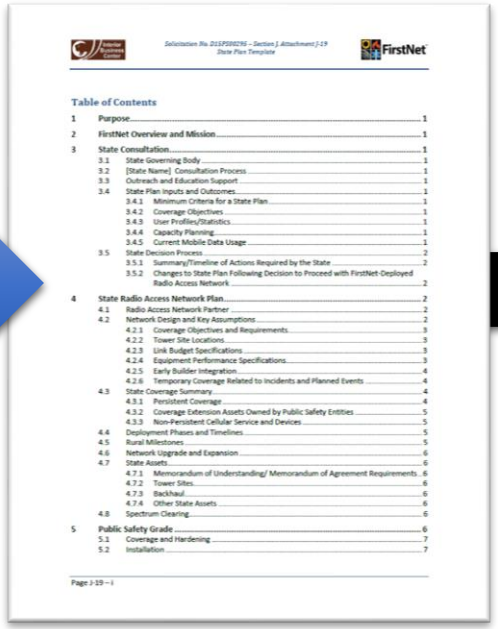
Initial Submissions 9/30/2015

1a.	Coverage Objectives
2a.	PSE Info, Personnel Counts
2d-ii	Common response areas
3a.	Application Usage
3b.	Data Usage (Traffic Profiles)

Updated Submissions 9/30/2016

State Plan – Template & Delivery





State Plan Template

(Attachment J-19)

State Plan Delivery Mechanism

(Attachment J-18)

State Planning Responsibilities and Decisions

	Responsibility	Dissemination	Decision
BAND-14 CORE	✓ FirstNet	State Plan Portal (Open/Controlled)	N/A
RAN DEPLOYMENT	❑ FirstNet ❑ Governor	State Plan Portal (Open/Controlled)	❑ FirstNet Plan ❑ Opt-Out (State/Territory Build)
WIRELESS SERVICES, PRODUCTS & APPLICATIONS	Public Safety Entities ✓ Enterprise Users ✓ Individual Users	✓ State Plan Portal (Open) ✓ Various Sales Methodologies	❑ Adopt ❑ Don't Adopt

State Plans Development and Delivery

FirstNet Contract Award

Develop State Plans & Prepare for Delivery

Feedback Received

Final Prep for Delivery to Governor

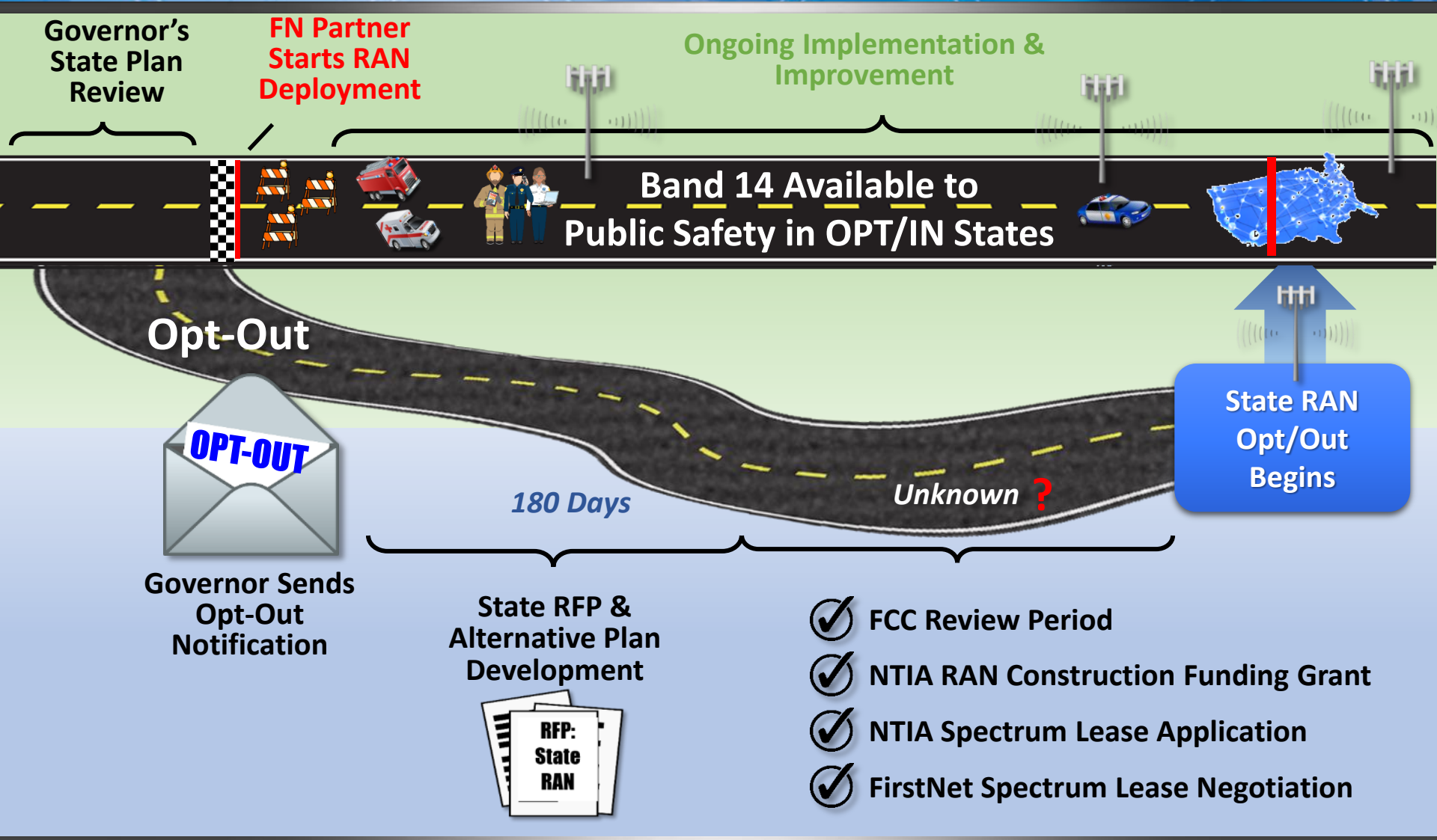
State Plan Delivery to Governor *(90 Day Review)*

Nov 2016	*Set during contract negotiation*	*Fixed timeframe*	*ASAP*

Release of Draft State Plans

State Plan Draft Review

Governor's Decision: Timeline



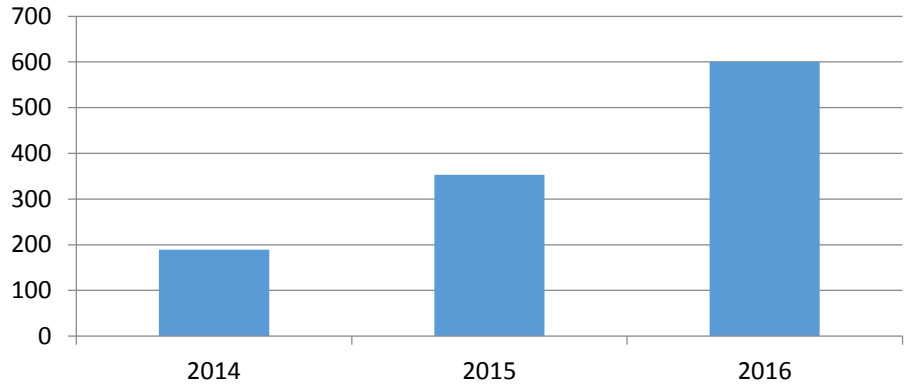
Outreach & Communications Update

Amanda Hilliard
User Advocacy

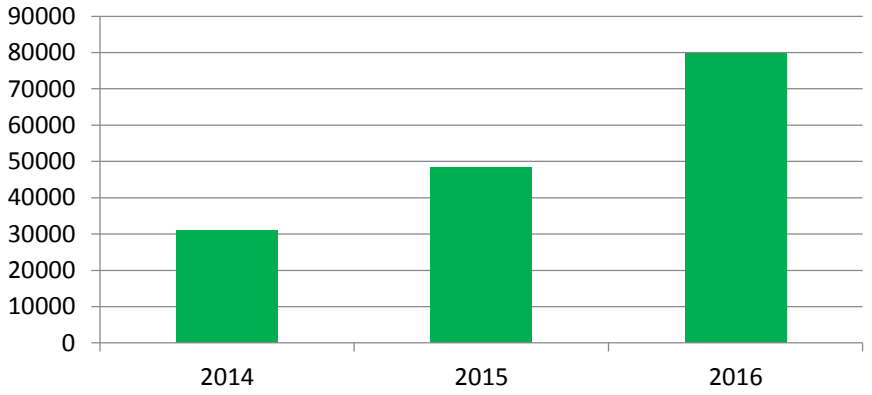
Summary of FirstNet Engagements

FirstNet is reaching decision makers, advisors, and end users from local, state, tribal and federal entities to ensure we offer a product public safety needs, wants, and adopts

Number of Engagements*



Number of Public Safety Professionals*



* 2016 includes projected engagements and public safety professional numbers through December, 2016

Recent Engagement Highlights

Recent Events	Dates	Outcomes
National Association of State EMS Officials (NASEMSO)	April 4-6	✓ Provided FirstNet overview to large audience of public safety professionals and leaders ✓ Answered specific questions about the network ✓ Built stronger relationships with critical stakeholders ✓ Validated needs and desires for the network
Association of Public Safety Communications Officials (APCO) Public Safety Broadband Summit	May 16-17	
International Assoc. of Fire Chiefs (IAFC) Fire-Rescue Med	May 21-25	
Major Cities Chiefs	May 24-	

Spring 2016 In-Person SPOC Meeting Outcomes

Strong Attendance

- 175+ attendees from 55 states and territories
- Participation from 6 federal agencies, the PSAC, Tribal Working Group, NTIA, and PSCR

Strong Program

- Focused Sessions Provided
  - Clarity on the State Plans Process
  - Update on the RFP
  - Kick Off of Consultation Task Teams
  - Guidance on Tribal and General Outreach
  - Details on Research and Technology Efforts
  - Forum for Networking and Q&A
- Positive Feedback from Attendees

2016 Tribal Outreach

Broadening Reach with the Tribal Community

- ***Sharing Information with Tribes and Understanding Potential User Base and How Mobile Data Operates Today*** – Meeting with Tribes and Tribal leaders to discuss the benefits of FirstNet

- ***Connecting SPOCs with Tribes*** – Supporting SPOCs in building relationships with Tribes within their states

Outcomes: Enhanced information exchange with Tribal communities resulting in Tribal participation in the State Plan process

Connecting with the Community

EMS Week 2016: Kevin McGinnis, FirstNet Board Member

First Responder Network Authority (FirstNet) Subscribe 276

457 views

Add to Share More

Google
Law Enforcement
Service Traditional Community
Fire Honor Services Media
Events Blogs Tumblr
Flickr Social
Appreciation Twitter Connecting
EMS Outreach
YouTube
Communications

TECHNOLOGY & COMMUNICATIONS

FIREHOUSE

Communication Revolution

BY MIKE WORRELL ON MAR 1, 2016

There is a huge demand for mobile data services, and firefighters are filling this data gap with the use of

FirstNet
First Responder Network Authority

Home FirstNet Board The Network Consultation Newsroom Resources About Contact

EMS Week 2016: FirstNet Recognizes our Nation's Emergency Medical Services Personnel

Home / Newsroom / Blog » EMS Week 2016: FirstNe ...

May 16, 2016

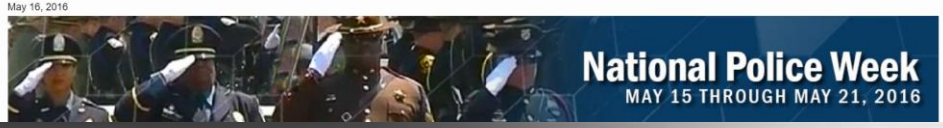
FirstNet
First Responder Network Authority

Home FirstNet Board The Network Consultation Newsroom Resources About Contact

Police Week 2016: FirstNet Recognizes our Nation's Law Enforcement Personnel

Home / Newsroom / Blog » Police Week 2016: Firs ...

May 16, 2016



FirstNet @FirstNetGov · May 18

Col Mike Edmonson @LAStatePolice on the privilege of being a law enforcement officer | #WhyIWearTheBadge #PoliceWeek

Louisiana State Police Superintendant Col. Mike Edmonson

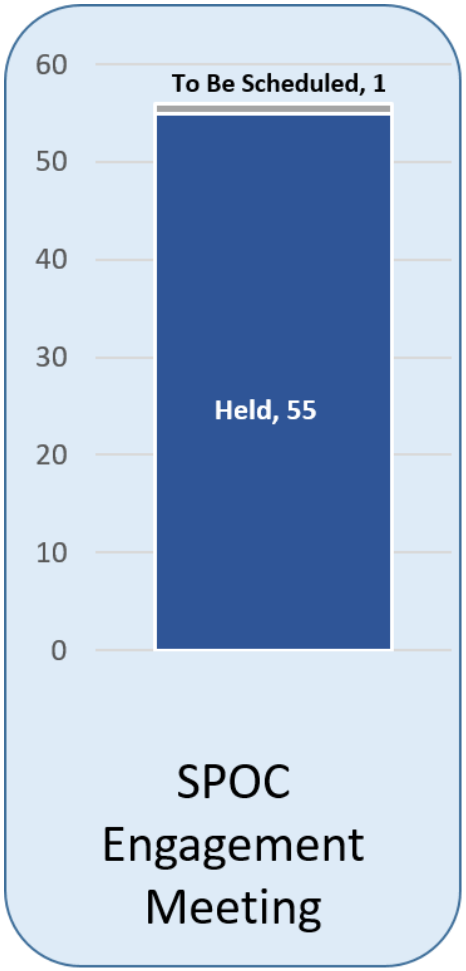
Mike Edmonson has been a law enforcement officer for 36 years, and currently serves as Superintendent of the Louisiana State Police. He also serves as state single point of contact (SPOC) for LA.

8 15

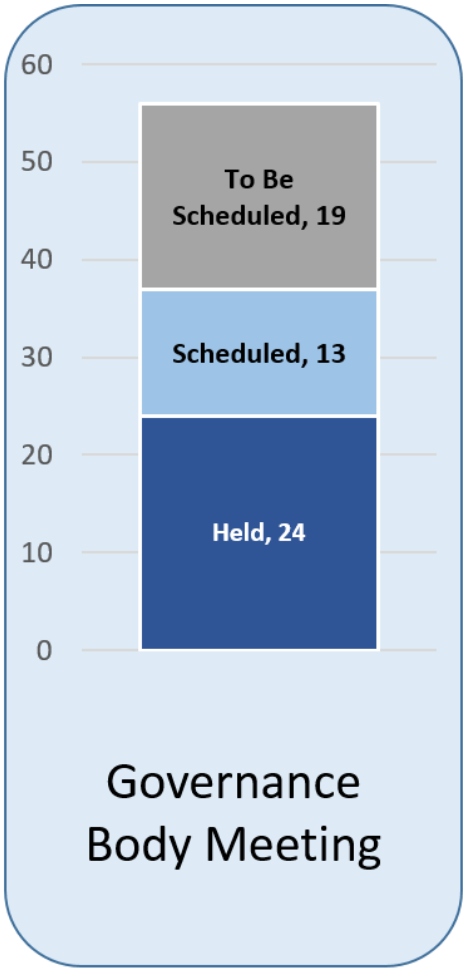
Consultation Update

Dave Buchanan
User Advocacy

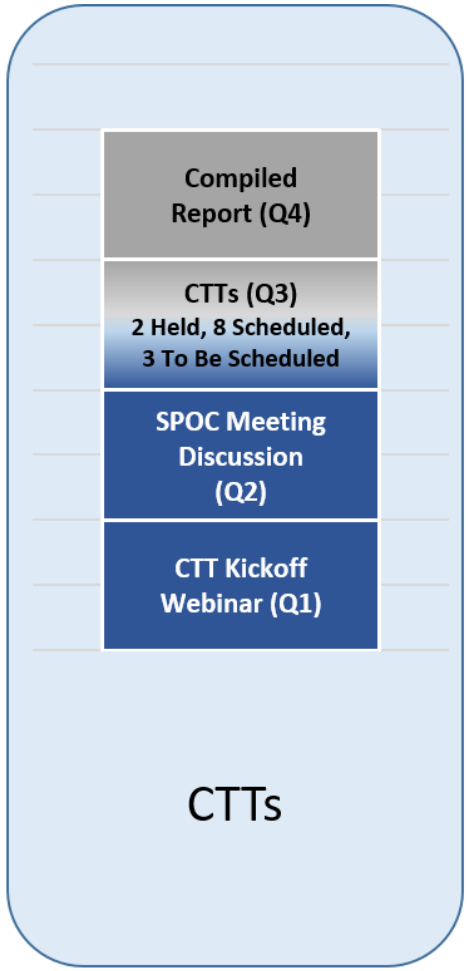
Consultation Progress



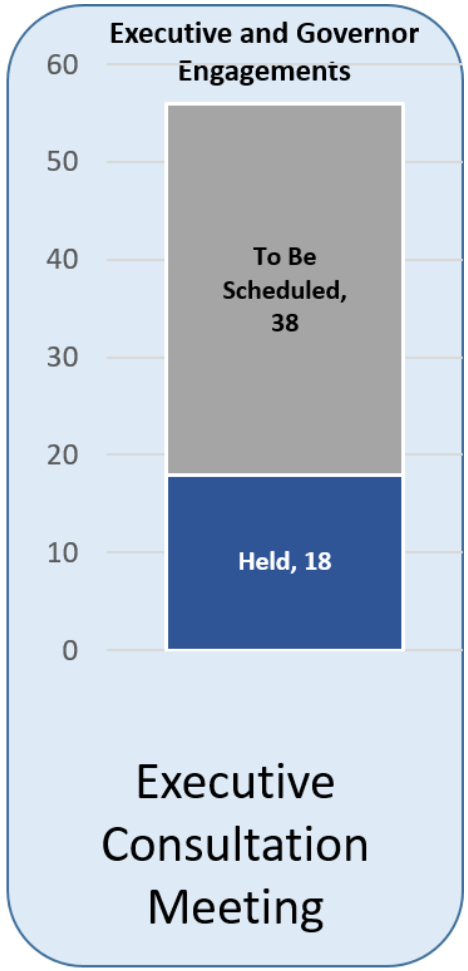
SPOC Engagement Meeting



Governance Body Meeting



CTTs



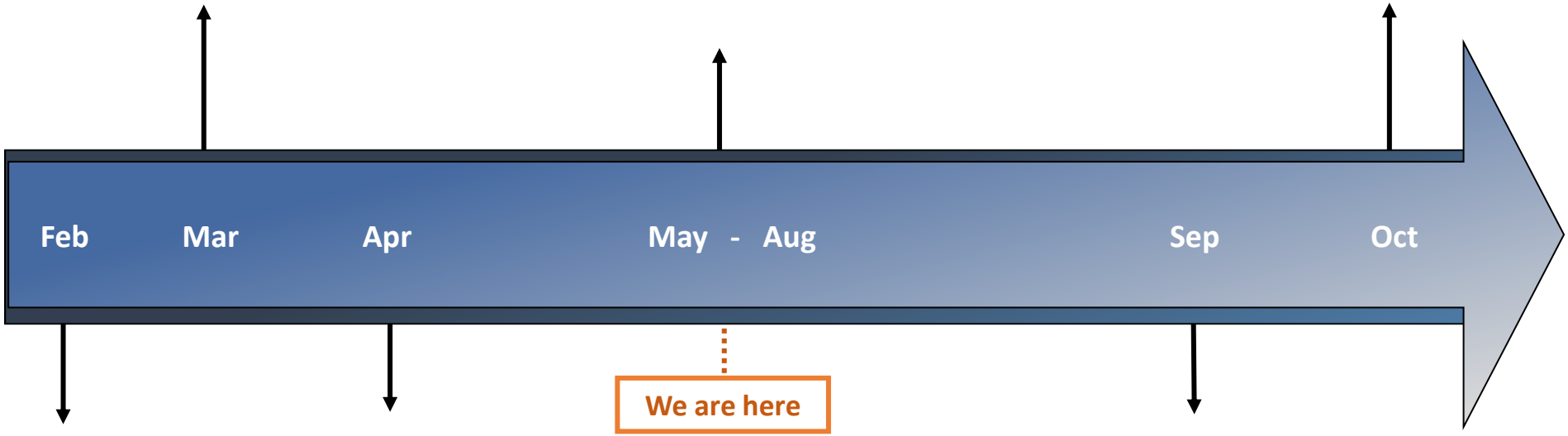
Executive Consultation Meeting

Quality of Service, Priority, and Preemption (QPP) Consultation Task Team (CTT) Activities

- FirstNet mails FAQs
- State Identifies CTT Members

- FirstNet disseminates materials
- SPOC identifies 5 CTT members to review materials
- FirstNet convenes Regional QPP Engagement
- Optional: SPOC convenes in-state QPP CTT

- FirstNet provides overview of the feedback

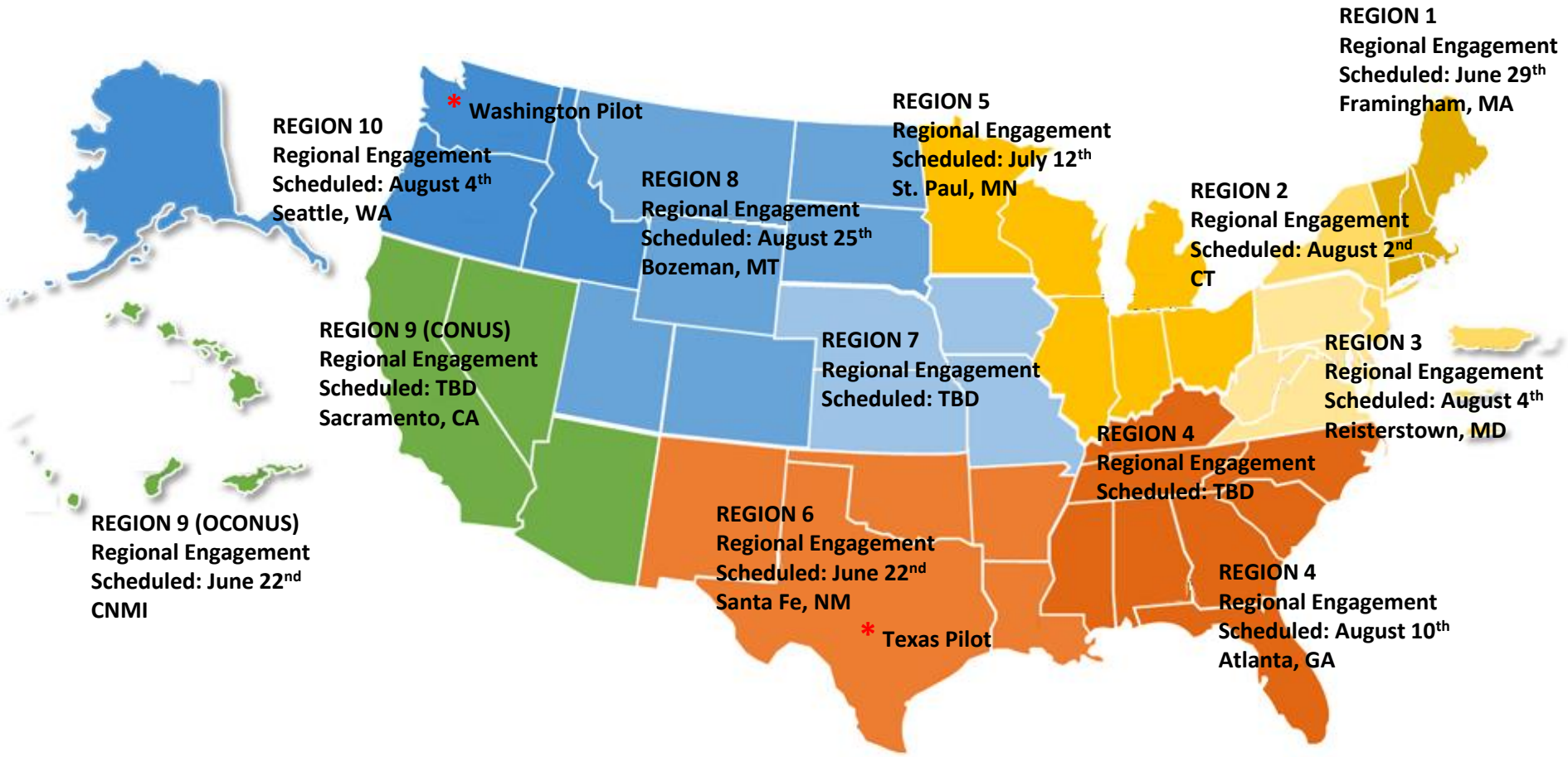


- SPOC Webinar CTT Kickoff

- SPOC Meeting April 12-13
  - QPP CTT Breakout Sessions

- FirstNet compiles feedback information

QPP CTT Activities



FEDERAL QPP CTT
Scheduled: TBD

Metro Consultation

- Leadership engagements focused on public safety adoption and gaining market share
- Leverage Metro Fire Chiefs, Major Cities Chiefs (MCC), and U.S. Conference of Mayors (USCM) to schedule engagements
- Briefings will cover multiple topics, including:
  - Implementation schedule and timelines
  - Updates on FirstNet
  - Release of State Plans
  - Key considerations for public safety leaders/agencies
  - Venue for FirstNet to listen and learn

The Board is now in closed session