

March  
2016



MnFCP

Minnesota-FirstNet Consultation Project

MINNESOTA DEPARTMENT OF PUBLIC SAFETY – DIVISION OF EMERGENCY COMMUNICATION NETWORKS

## FirstNet RFP

FirstNet published a Request for Proposal (RFP) on January 13, 2016. This particular contract will provide for a single interoperable Nationwide Public Safety Broadband Network (NPSBN). Thus far, the FirstNet RFP has been through a number of amendments and has been actively publishing updates. Currently, RFP proposals are due on or before May 13, 2016.

The State has published a brief summary of the RFP. We have outlined key components of the RFP in the context of our stakeholder requirements. For this summary and more information please visit our website.

<https://dps.mn.gov/divisions/ecn/Pages/broadband.aspx>

## Consultation Task Teams

This year, FirstNet will be organizing Consultation Task Teams to seek the State's input on a number of technical issues regarding the NPSBN. The first issue FirstNet is seeking input on is entitled Quality of Service (QoS), Priority and Preemption or "QPP" for short. Here is a quick summary of the three separate issues. It is important to note that these issues deal directly with the implementation of the 3GPP LTE standard that the NPSBN shall be built to.

Quality of Service (QoS) is a mechanism used in the LTE standard that helps to ensure that the tolerances of the user's data (referred to as "bearer traffic") is respected as it moves across the network. For example, voice communication has a very low tolerance for delay or latency. QoS helps to ensure that the data packets that carry voice traffic is delivered to its destination within the tolerances set within the network. The issue of Priority is with regard to the user; some users of the NPSBN would have a greater priority than others. FirstNet is seeking input as to how this element would be implemented nationwide. Preemption is very similar. Preemption refers to the ability of a higher priority user to preempt the communications of an active user of lower priority on the network. It is likely that this functionality will be used only during emergency events.

The MnFCP is seeking stakeholders who are willing to provide their guidance and feedback. We will be hosting a series of informational webinars on each of these three issues prior to the completion of a FirstNet survey. If you are interested in participating in this endeavour, please contact Melinda Miller, ECN FirstNet State Program Manager at (651) 201-7554 or [Melinda.Miller@state.mn.us](mailto:Melinda.Miller@state.mn.us)

## Minnesota Interop Conference

The Minnesota Public Safety Interoperable Communications Conference will be held from 25 – 27 April 2016, in St Cloud Minnesota. This year, we have an expanded list of FirstNet/LTE related sessions ranging from the very technical to the informative. We highly encourage those who are interested in FirstNet, wireless broadband or the LTE standard to attend as many sessions as you can. Registration information

## A brief summary of... MnFCP and FirstNet

The State of Minnesota FirstNet Consultation Project (MnFCP) was initiated in January of 2014 with the purpose of familiarizing our stakeholder community with the Nationwide Public Safety Broadband Network (NPSBN) and FirstNet.

FirstNet was created on February 22, 2012, by the Middle Class Tax Relief and Job Creation Act with the mission to build, operate and maintain the first high-speed, nationwide wireless broadband network dedicated to public safety. FirstNet has been obligated by Congress to take all actions necessary to ensure the building, deployment and operation of the Nationwide Public Safety Broadband Network (NPSBN).

For more information on FirstNet please visit:

<http://firstnet.gov/>

For more information on the MnFCP and all activities of this project, please visit ECN's website.

<https://dps.mn.gov/divisions/ecn/Pages/broadband.aspx>

The MnFCP team has posted all project related news and have provided links to in-depth training modules on this subject.

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and descriptions for each of these workshop sessions can be found on the conference website.

<http://www.togpartners.com/interop/>

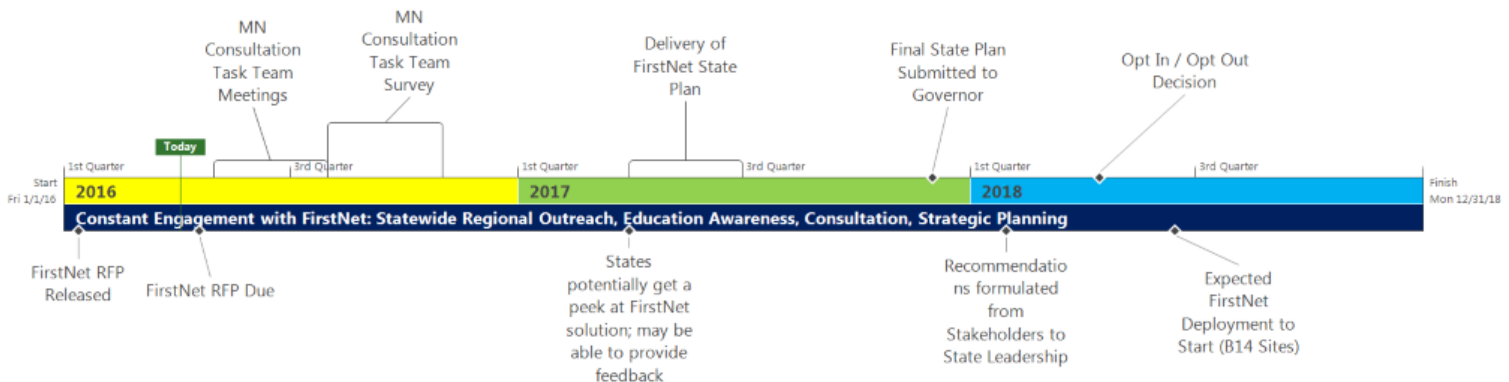
## Other Ongoing Tasks

### Data Usage/Traffic Profiles - CAD Data Manipulation

Prior to conducting Coverage Review Meetings, the Project Team worked with counties and tribal entities to obtain three-years of CAD data, which we used to support the designation of high-priority coverage areas for the NPSBN. The data is used to justify to FirstNet why we require coverage within each and every county and tribal area. The Project Team has continued to analyze the data to assess data throughput requirements, to establish traffic profiles per public safety discipline and preform a trends analysis to predict usage into the future. This task is in its final phase and we will be shortly publishing our results on a county-by-county basis.

### Tribal Consultation and Outreach

We continue our active tribal outreach efforts across the state with the goal to capture all tribal requirements for the NPSBN. In the late fall we met with the Prairie Island Indian Community, Lower Sioux Indian Community, Shakopee-Mdewakanton Sioux Community tribal nations. In January we met with the Bois Forte Band of Chippewa, Fond du Lac Band of Lake Superior Chippewa, Grand Portage, Leech Lake Band of Ojibwe, Mille Lacs Band of Ojibwe tribal nations. In March ECN met with the Minnesota Indian Affairs Council to discuss inclusion of tribes on the SECB. They are in agreement and we will pursue this through the SECB committee approval process with the goal to have statute language changed for the 2017 Legislative session.



## Your Project Team:

You are encouraged to contact the project team at any time! We are happy to answer questions or hear your concerns.

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