



bandwidth

Bandwidth Text to 911 - TCC

March 26, 2014

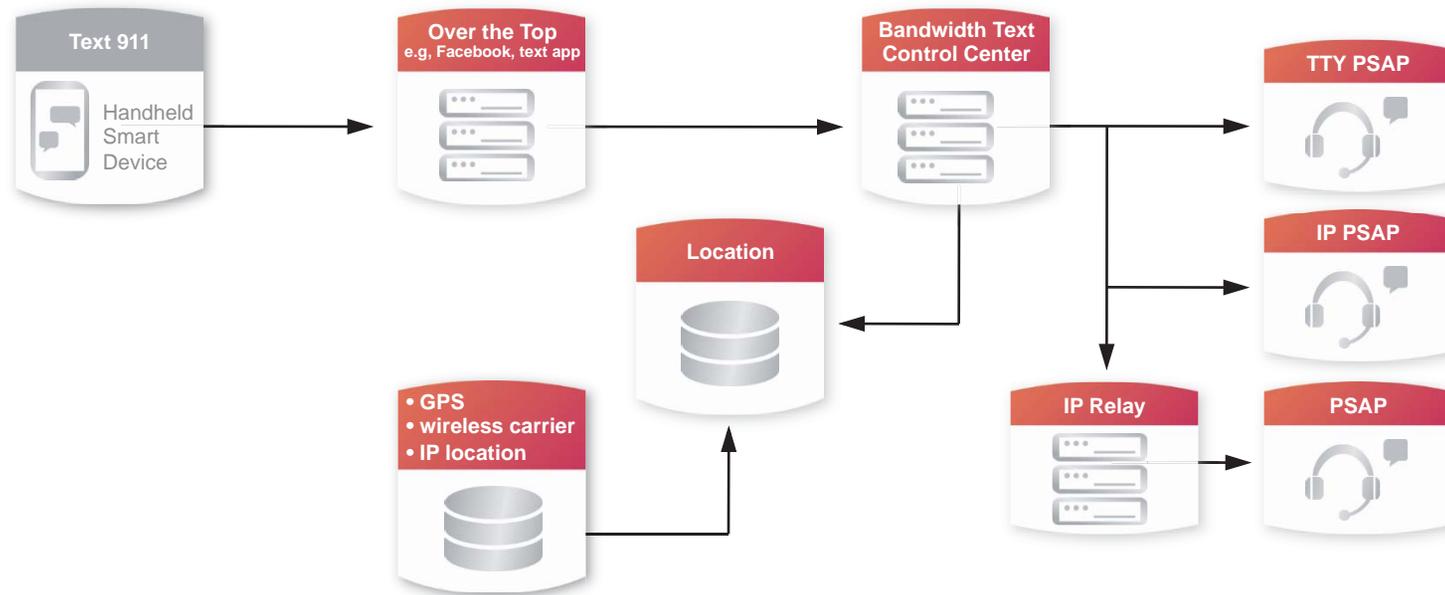
Bandwidth Position

- **Bandwidth supports Commission's efforts to enable Text to 911 solutions for interconnected OTT**
- **Location determination using CMRS as primary source has limitations.**
- **Commercial location solutions will have more support from OTT market**
- **We retain fundamental positioning of the past and are encouraged to see FCC being more vocal and pointed**
- **Strong support for accelerated deployment of NG9-1-1**

Bandwidth Experience

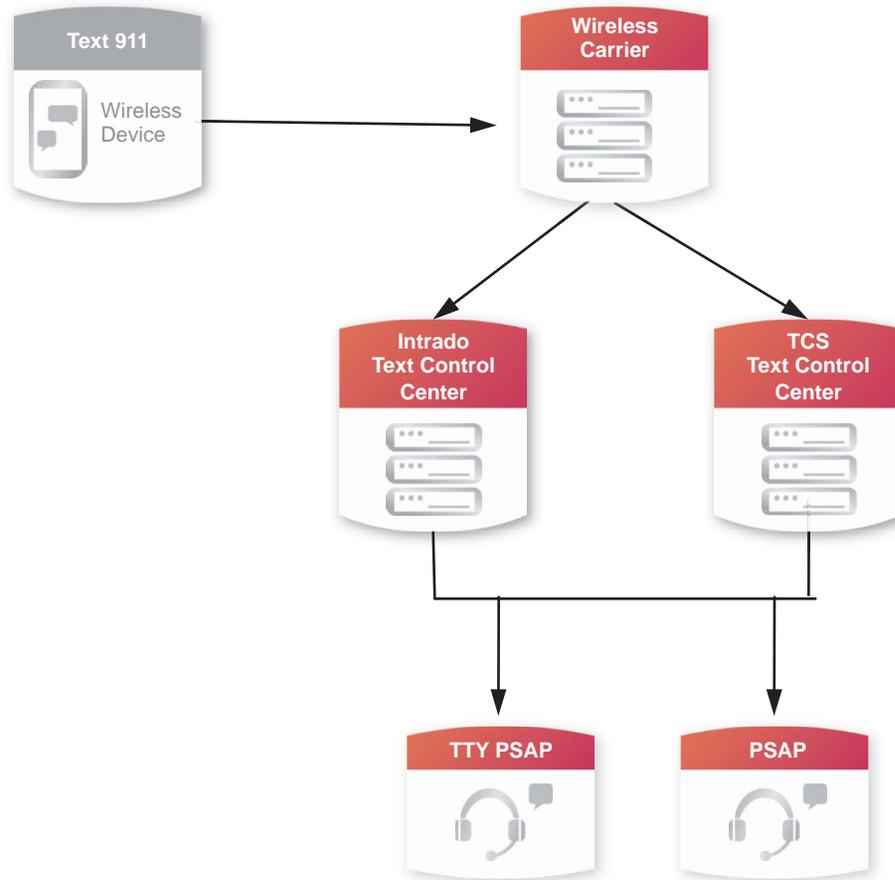
- **Bandwidth believes it is uniquely positioned to support Interconnected” OTT Text to 9-1-1**
- **A CLEC in 49 States**
- **Wholesale voice services provided to nearly 600 customers**
- **Over 15 million DIDs SMS enabled**
- **9-1-1 Call Routing Services to Originating Service Providers (OSPs)**
- **Leadership in NG9-1-1**
- **Early involvement in services for the deaf and hard of hearing - ITRS Database**

Bandwidth TCC (formerly Clearinghouse)



- **Utilize Self Derived location information**
 - SDK via wireless carrier, GPS, PIDF-LO, ALI E2, XML/SOAP, GPS,
- **SMS messages delivered over IP via SIP, SMPP, XMPP, MM4, MM7**
- **Preferred delivery is Web based for broad delivery**

Wireless Text to 911 Solution



- **Effective interim solution**
- **CMRS has location accuracy challenges**
- **Areas across the US without support for Phase II**
- **No clear path to NG9-1-1 support**

Bandwidth TCC, next steps

- **Ensure liability coverage as location accuracy matures**
- **Advocate for guidelines on location that is not CMRS**
- **Bandwidth intends to initiate “beta” service(s) with customers according to the direction of the Chairman and Commission—principally TRS/VRS - and intends to meet FCC’s request for “Voluntary Commitment” to support Text-to-911 for OTT services by Year End**
- **initiate Beta Service with a couple of OTT providers in June time frame.**
- **Initiate service and gather data for approximately 3 Months (June – September)**
- **Present Data/Results to FCC in Fall of 2014**
- **Bandwidth makes “Voluntary Commitment” to Support for OTT broadly sometime in December 2014**

