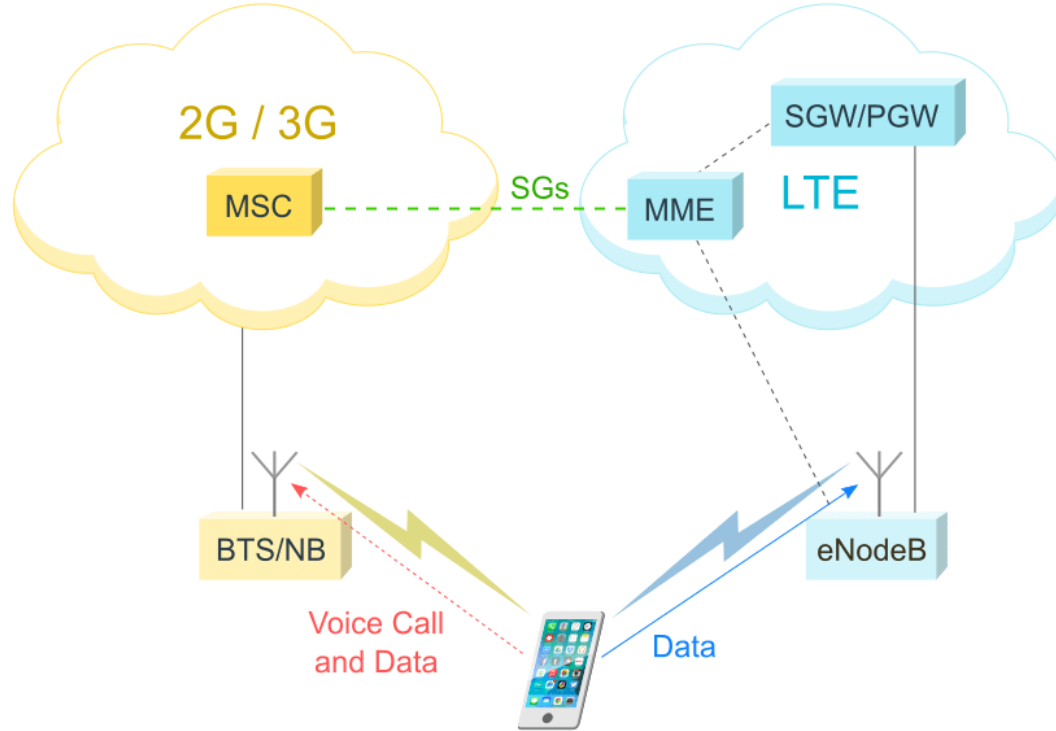


# Voice: CSFB or VoLTE

[https://yatebts.com/solutions\\_and\\_technology/csfb-to-volte-evolution/](https://yatebts.com/solutions_and_technology/csfb-to-volte-evolution/)



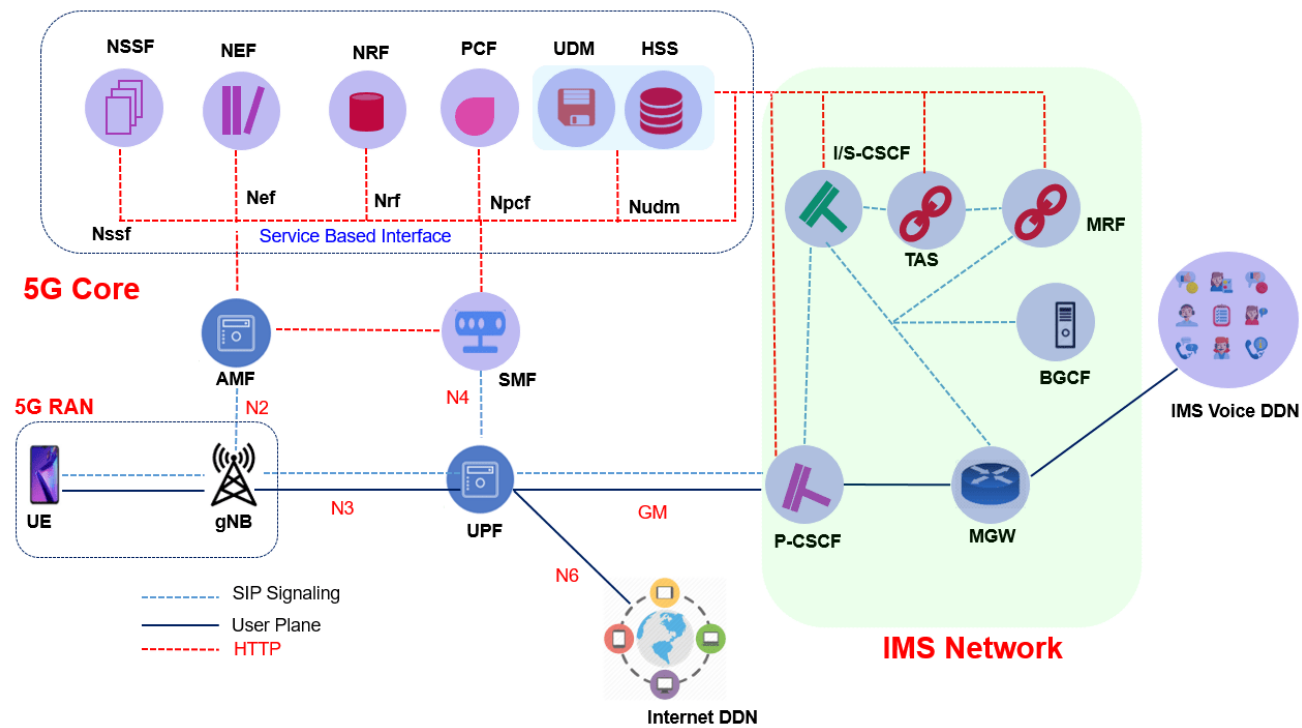
<https://www.mpirical.com/blog/delivering-5g-voice-services>

Feature	CSFB	VoLTE
Easy of Deployment	Challenging, but not as difficult as VoLTE	Numerous major challenges to overcome
Economic Considerations	Minor	Major
LTE Coverage Requirements	Low	High
Call Setup Time	Approx. 3-7 secs	Approx. 2-4 secs
Voice Quality	Acceptable	HD Voice
Lifespan	2G and 3G limited life	IMS forms basis for 5G voice and beyond

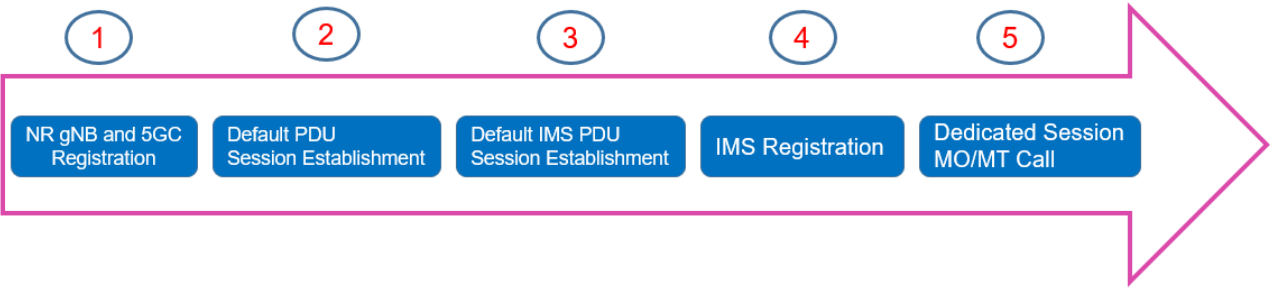
CSFB (Circuit Switch Fallback) is a technology that supports voice and SMS services in 4G networks using the 2G/3G systems.

VoLTE (Voice over LTE), on the other hand, means that a call is made through a 4G network (Making calls over IP).

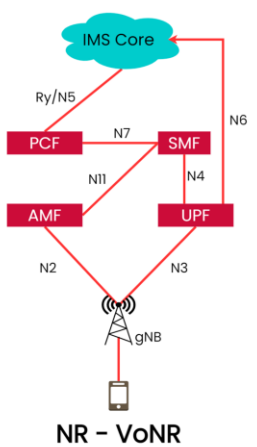
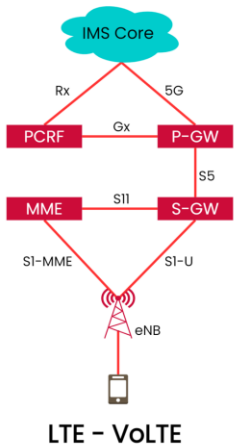
# Example: VoNR



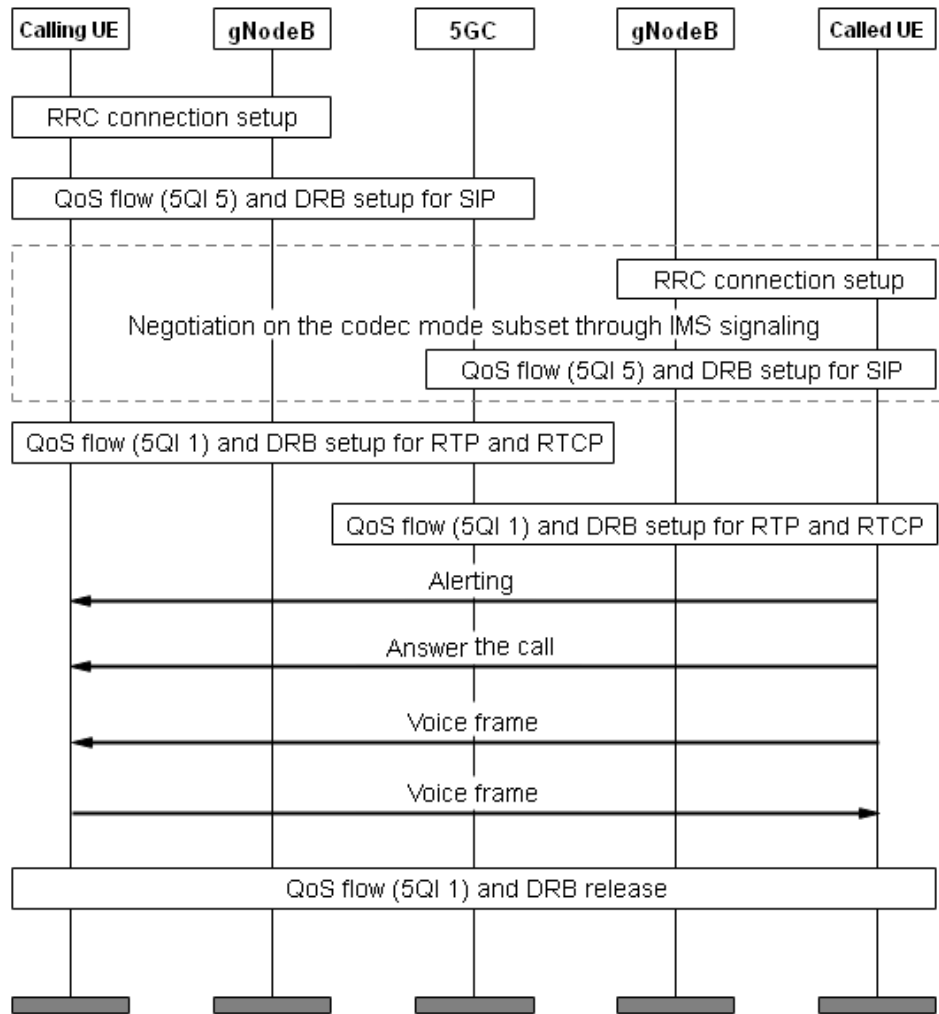
## VoNR Call Setup



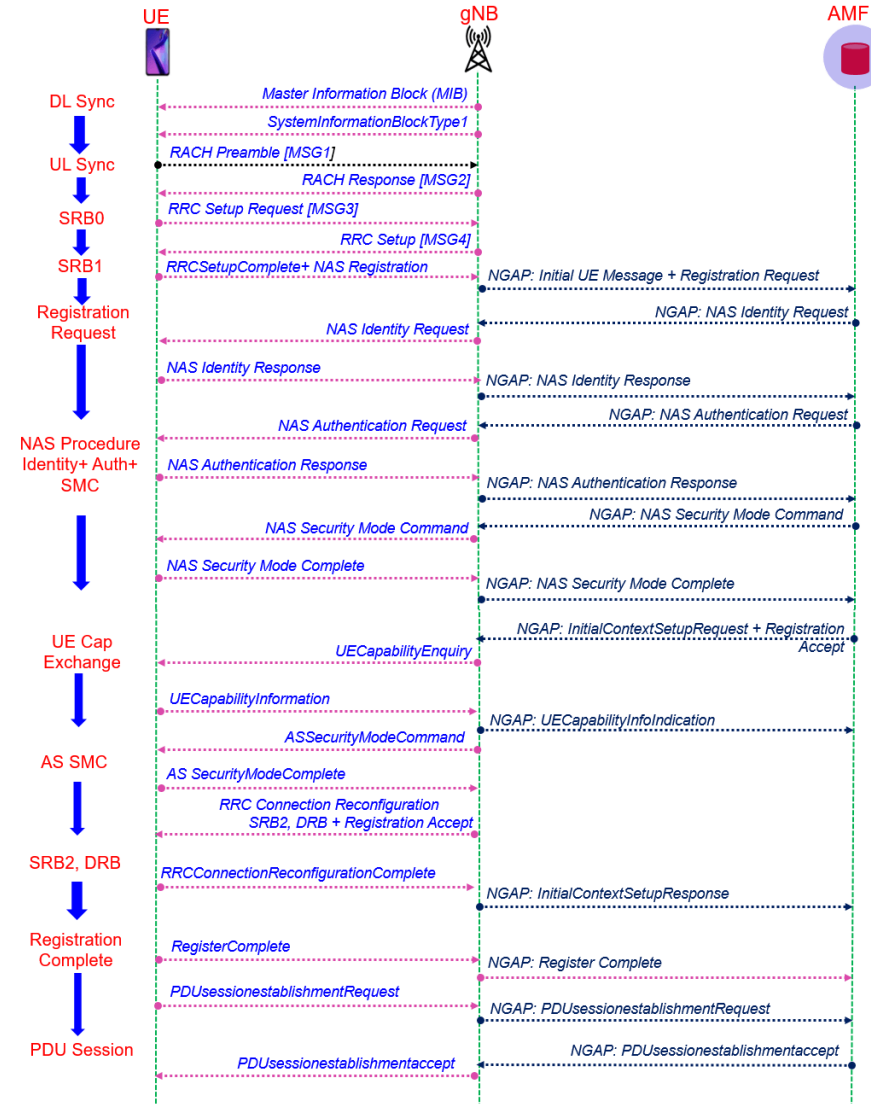
- Main components: 5G RAN, 5G Core, IMS
- Establishment of specific PDU sessions
- QoS



# VoNR Call Flow



<https://www.5gworldpro.com/blog/2021/05/30/voice-over-nr-call-flow/>



<https://www.techplayon.com/5g-nr-sa-registration-attach-call-flow/>

# VoNR Call Flow

