

Moving Toward the VoLTE Era

Market Brief
Third Quarter, 2012





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A Market Brief

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Abstract

This report provides a brief overview of VoLTE and its potential impact on the U.S. cellular market. VoLTE is similar to Voice over Internet Protocol (VoIP) with the primary differentiator being that VoLTE provides a mobile component to the Session Initiation Protocol (SIP).

VoLTE is very important to LTE operators because this technology enables them to eventually terminate their legacy, circuit-switched voice 2G/3G network infrastructure in favor of consolidating voice traffic on the LTE network platform. This significantly lowers voice infrastructure costs and improves voice quality and the overall customer experience.

Key questions addressed:

- What is VoLTE?
- How did VoLTE originate?
- Why are mobile operators interested in VoLTE?
- What are the benefits of VoLTE?
- What are some of the challenges surrounding the implementation of VoLTE?
- Who are the major VoLTE players?
- What is the prognosis for VoLTE adoption?

Who should read this report?

- Mobile operators
- Device OEMs
- VoLTE solution vendors
- Content providers and distributors
- Financial analysts and investors.

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