

LTE Advanced: *The Next Evolutionary Step*

Market Study
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LTE Advanced: *The Next Evolutionary Step*

A Market Brief

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iGR

12400 W. Hwy 71

Suite 350 PMB 341

Austin TX 78738

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Abstract

Much has been written and said about 2G, 3G, and 4G technologies as the wireless industry has grown in a fragmented fashion from its inception in the late 1980's. LTE Advanced is a very different set of technologies that will be the target network platform for mobile operators and will likely also be the platform for 5G and advanced wireless cloud computing in the future.

LTE Advanced is officially defined as 3GPP Releases 10 and higher – Release 11 and 12 are expected in the next few years. Release 10 LTE was first deployed in 2012 with major network deployments expected throughout 2013 and 2014.

This report provides an overview of LTE Advanced and its potential impact on the mobile network operators and infrastructure OEMs.

Key questions addressed:

- What defines LTE Advanced?
- When are LTE Advanced networks expected?
- What capabilities does LTE Advanced provide?
- What are the opportunities presented by LTE Advanced?
- What are the risks and threats associated with LTE Advanced?
- What is the outlook for LTE Advanced in the next 48 months?

Who should read this report?

- Mobile network operators
- Mobile infrastructure OEMs
- Small cell OEMs and vendors
- Financial analysts and investors.

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