

LTE Wireless Infrastructure: Market Shares, Strategies, and Forecasts, Worldwide, 2013-2019

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Abstracts

LTE has brought a reassessment of operator choices of Packet Core vendor. The LTE wireless infrastructure market is expected to see sustained investment. LTE provides service providers efficient ways to carry larger traffic volumes. 110MHz BW is going to be required by 2015. A 65MHz auction in April 2013 provided more bandwidth. Traffic average throughput per user is expected to double in 2013. Video and image exchange is accounting for a large part of the growth in network usage. LTE has been an entry point for Ericsson among others. Ericsson offers high capacity multi-access and multi-application systems.

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LTE Wireless Infrastructure Market Shares and Market Forecasts

This section selectively describes market shares, forecasts, segments, and regional revenue. Numbers are the result of primary research in all cases. Selected companies are described from an independent analyst perspective with a thumbnail sketch or analysis of their market numbers or commentary on their strengths and weaknesses. Some of the analysis is focused on looking at the topic segment by segment, including company descriptive analyses by segment and subsegment.

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This section describes selected companies and selected products. Products for this market segment are described with attention to the most significant aspect of features and functions in this category of product. The juxtaposition of a range of different product descriptions from a single market category provides a really good way to access market directions and achieve market competitive analysis. This section is useful because it compliments other views of innovation, providing a clear presentation of all the alternatives for positioning products in this market. Company products are described in the appropriate sections, meaning a company is mentioned several times in the chapter in different places.

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Video and image exchange is accounting for a large part of the growth in network usage. LTE has been an entry point for Ericsson among others. Ericsson offers high capacity multi-access and multi-application systems.

Ericsson offers the SSR 8000 family of smart services routers and a blade system. LTE has strengthened Ericsson market position with existing and new customers. Demographic implications are endemic to the industry.

It took only 2.5 years for LTE to reach 90.2 percent of U.S. households 80.5 percent of the U.S. population can choose from five or more mobile operators, there are 1,251 wired broadband operators in the U.S., there are 1,472 network coverage patterns from 878 worldwide mobile operators, a smart phone is not very smart if the infrastructure can't support its applications. In response to the high growth smart phone markets, wireless infrastructure promises to grow dramatically in the near term.. Wireless Infrastructure technologies include WiMax, LTE, 4G and HSPA. These technologies are driving much higher capacity from the base station back to the fiber core. Fiber core is putting extreme pressure on provider's infrastructure and backhaul networks.

WinterGreen Research predicts that the dramatic growth of wireless infrastructure is based on the growth of smart phones and apps. LTE wireless infrastructure markets at \$3.9 billion in 2012, is anticipated to reach \$78 billion by 2018.

According to Susan Eustis, lead author of the study, "LTE Wireless Infrastructure is being installed to upgrade core networks and upgrade backhaul and base stations to make systems more modern. Infrastructure for the Internet and for smart mobile devices creates demand for more sophisticated web development and web applications that in turn depend on more sophisticated infrastructure. Everything is going mobile. This evolution is driven by mobile smart phones and tablets that provide universal connectivity. Modern systems represent a significant aspect of Internet market evolution."

The proportions of wireless infrastructure market industry segments are expected to remain much as they are, with the small cells and femtocells achieving strong growth on the access side, the core infrastructure must be upgraded to support the added backhaul backbone infrastructure. Wireless apps are expected to achieve \$37 trillion revenue by 2019. This unbelievable growth occurs as the Internet is expanded to

implement the interconnection of everything.

Digital devices proliferate, machine to machine capabilities vastly expand instrumentation. The digital devices become the engine of a world economy, with apps collecting pennies a day for millions of apps from 8.5 billion people with smart phones by 2019.

WinterGreen Research is an independent research organization funded by the sale of market research studies all over the world and by the implementation of ROI models that are used to calculate the total cost of ownership of equipment, services, and software. The company has 35 distributors worldwide, including Global Information Info Shop, Market Research.com, Research and Markets, Bloomberg, electronics.ca, and Thompson Financial. WinterGreen Research is positioned to help customers facing challenges that define the modern enterprises.

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