

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

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## **Abstracts**

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.

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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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This section selectively describes company strategies, partners, acquisitions, and



revenue by segment and regional revenue when available. Companies are described by looking at what is most interesting about that company. The descriptions collectively give a sense of market directions within the industry segment. The alphabetical listing of company thumbnail sketches provides an accessible way to find out what is going on in any particular company.

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## About

WinterGreen Research predicts that the dramatic growth of wireless infrastructure is based on the growth of smart phones to a one trillion market by 2019, serving an installed base of 8.5 billion, many people having more than one smart phone. Wireless infrastructure markets at \$58 billion in 2012 will be \$163 billion by 2019, new markets evolved because of the value that apps provide to smart phones, mobile devices, tablets, and the Internet of things.

According to Susan Eustis, lead author of the study, “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.

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