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New *i*GR study forecasts that $19.7 billion will be spent on the build and operation of DAS in the U.S. over the next five years

Study forecasts DAS installations for both Commercial Buildings and MDUs

AUSTIN, Texas, December 2nd, 2015 – Because a great deal of mobile phone usage happens indoors, mobile operators are looking at various types of small cells as a way to solve in-building coverage and capacity issues. Many buildings, especially large ones, have areas in which cellular voice or data is barely usable. In other cases, such as stadiums, capacity is the issue, not necessarily coverage. That is to say, so many people are using voice and, especially, data that the network itself bogs down. One type of small cell being used to address these issues is a Distributed Antenna System, or DAS.

A DAS is characterized by multiple antennas connected to processing units that are distributed throughout a network. This network can span anything from floors of a building to sections of a stadium to airport corridors to outdoor areas. For its latest market study, *i*GR, a market research consultancy focused on the wireless and mobile industry, has continued to analyze the use of DAS in the U.S., specifically in commercial buildings and multi dwelling units (MDUs).

"After continued analysis of the DAS market, we have forecasted the number of U.S. DAS installations in commercial buildings and multiple dwelling units, as well as the associated build and operating costs," said Iain Gillott, president and founder of *i*GR. "*i*GR expects that from 2014 to 2019 spending for both the build and operating costs of DAS will total $19.7 billion."

*i*GR's new market study, U.S. DAS Market Forecast, 2014-2019: Installations, Tenancy, and Spending for commercial Buildings and MDUs, provides a five-year forecast for the number of installed DAS in the U.S., the associated build spending and operating costs, and the total addressable market for DAS in the U.S. Forecasts are split by the size of building. The study also defines DAS architecture, discusses the advantages and challenges of DAS, and provides profiles of almost twenty DAS vendors.

The following key questions are addressed in the new market study:

- What is the DAS architecture?
- How do DAS and small cells compare?
- What is the difference between neutral DAS and single host DAS?
- What are the challenges that surround a DAS deployment?
- What are the advantages provided by DAS?
- What are the typical use cases for DAS?
- What is a DRS and how does it compare to DAS?
- What are the key elements and assumptions in iGR's total addressable market forecast for DAS?
- What is the five-year total addressable market forecast for DAS systems in both commercial buildings and MDUs?
- What are the key elements and assumptions in iGR's market forecast for installed and carrier DAS?
- What is the five-year market forecast for installed and carrier DAS in commercial buildings and MDUs?
- What are the key elements and assumptions in iGR's build spending and operating costs forecast for installed DAS in commercial buildings and MDUs?
- What is the five-year build spending and operating costs forecast for installed and carrier DAS in both commercial buildings and multi-dwelling units (MDUs)?

The information in this market study will be valuable for:

- Mobile operators
- DAS vendors and solution providers
- Mobile network infrastructure OEMs
- Mobile network software and services providers
- Financial analysts and investors.

The new report can be purchased and downloaded directly from *iG*R's website at www.*iG*R-inc.com.

About *iG*R

*iG*R is a market strategy consultancy focused on the wireless and mobile communications industry. Founded by Iain Gillott, one of the wireless industry's leading analysts, in late 2000 as *iG*illottResearch, *iG*R is now in its fifteenth year of operation. *iG*R continuously researches emerging and existent technologies, technology industries, and consumer markets. We use our detailed research to offer a range of services to help companies improve their position in the marketplace, clearly define their future direction, and ultimately improve their bottom line.

*iG*R researches a range of wireless and mobile products and technologies, including: smartphones; tablets; mobile wearable devices; connected cars; mobile applications; bandwidth demand and use; small cell and het-net architectures; mobile EPC and RAN virtualization; DAS; LTE; VoLTE; IMS; NFC; GSM/GPRS/UMTS/HSPA; CDMA 1x/EV-DO; iDEN; SIP; macro-, pico- and femtocells; mobile backhaul; WiFi and WiFi offload; and SIM and UICC.

A more complete profile of the company can be found at www.igr-inc.com.