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FOR IMMEDIATE RELEASE

New *iGR* study forecasts spending for Distributed Antenna Systems (DAS) in the U.S. will total \$29.5 billion over five years

Forecast includes both build spending and operating costs of U.S. DAS installations

AUSTIN, Texas, December 2nd, 2014 – Mobile operators are looking to small cells as a way to solve in-building coverage/capacity issues, as a great deal of mobile phone usage happens indoors. A Distributed Antenna System, or DAS, is a type of small cell that is characterized by multiple antennas connected to processing units that are geographically distributed throughout a network.

DAS are typically deployed to improve both the voice and data coverage on licensed cellular bands in office buildings, as well as in venues with a particularly high density of users such as stadiums and convention centers. Many sports arenas across the U.S. have installed DAS to improve the wireless service for guests.

DAS are expensive to deploy and maintain. They are typically priced per square foot, but their price also depends on both required capacity and the complexity of the venue. *iGR* has forecasted both build spending and operating costs for the U.S. DAS market in its latest market study.

"After further analysis of the DAS market, we have forecasted the actual U.S. DAS installations, as well as the associated build spending and operating costs," said Iain Gillott, president and founder of *iGR*, a market research consultancy focused on the wireless and mobile industry. "*iGR* expects that from 2013 to 2018 both build spending and operating costs will increase at a CAGR of approximately 20 percent, and total spending will be \$29.5 billion."

iGR's new market study, [*U.S. DAS Market Forecast, 2013 – 2018: Installations, Tenancy, and Spending*](#) defines DAS architecture, overviews use cases, and provides profiles of over twenty DAS vendors. The study also gives 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.

The following key questions are addressed in *iGR's* research studies:

- 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 improvements do U.S. consumers want in their cellular voice coverage and how might DAS help provide these improvements?
- 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?
- What are the key elements and assumptions in *iGR's* build spending and operating costs forecast for installed DAS?
- What is the five year build spending and operating costs forecast for installed and carrier 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 multi-dwelling units (MDUs)?

In addition, a number of DAS vendors are profiled in the report, including:

- Advanced RF Technologies, Inc. (ADRF)
- Axell Wireless/Cobham
- Betacom Incorporated
- Black Box Network Services
- BTI Wireless
- C Squared Systems
- CSI (Cellular Specialties, Inc.)
- Comba Telecom
- CommScope
- Connectivity Wireless Solutions
- Corning MobileAccess
- Crown Castle
- Ethertronics
- ExteNet Systems
- Galtronics
- iBwave
- RFS - Radio Frequency Systems
- SOLiD
- Solutelia
- TE Connectivity
- Zinwave

The information in these reports 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 market study can be [purchased](#) and downloaded directly from *iGR*'s website at www.igr-inc.com. Alternatively, contact Iain Gillott at (512) 263-5682 or at Iain@igr-inc.com for additional details.

About *iGR*

[iGR](#) 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 *iGillottResearch*, *iGR* is now in its fourteenth year of operation. *iGR* 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.

iGR 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.