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**FOR IMMEDIATE RELEASE**

## **New *iGR* study forecasts that Wireless Backhaul for North American LTE Metrocell deployments will grow at a CAGR of 146 percent**

***Wireless backhaul deployments will vary significantly due to the diversity of small cell locations***

**AUSTIN, Texas, May 1<sup>st</sup>, 2014** – Wireless backhaul solutions for small cells and heterogeneous networks are diverse, as small cell deployments vary significantly in installation locations and backhaul requirements. Both wireless backhaul and fiber are used for small cell backhaul. The main advantages for wireless backhaul are lower cost, faster and easier deployment, and sufficiently scalable throughput (depending on the use case and technology chosen).

When operators choose between wireless backhaul methods – LOS versus NLOS, microwave versus millimeter wave versus sub-6 GHz, network topology – it all comes down to the specific challenge they are trying to overcome. Of course there are similarities and best practices across deployments, but the actual technology choice will come down to the specific situation.

The North American market for wireless backhaul for metrocells has begun in 2014. In its latest market study, *iGR* has forecasted that over the next five years the number of metrocells that will be deployed with wireless backhaul in North America will grow at a CAGR of 146 percent.

“Both non-line-of-sight (NLOS) and point-to-point (PTP) / point-to-multipoint (PTM) wireless backhaul solutions will be deployed with LTE metrocells throughout the forecast period,” said Iain Gillott, president and founder of *iGR*, a market research consultancy focused on the wireless and mobile industry. “Our forecast shows a strong increase in wireless backhaul to support LTE metrocell deployments across a wide range of locations and implementation options.”

*iGR*'s new market study *Wireless Backhaul Opportunities and Issues for Small Cell Architectures* discusses the wireless backhaul technologies available, the benefits and drawbacks of each, the main market drivers for wireless backhaul to support small cells, and the North American forecast for wireless backhaul to support LTE metrocell deployments over the next five years.

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

- What is the anticipated growth of wireless backhaul in North America through 2018?
- How do the major mobile operators view wireless backhaul?
- What are the major concerns of the mobile operators with regard to wireless backhaul?
- How can these concerns be addressed?
- What is the role for wireless backhaul in small cell architectures?
- How is wireless backhaul deployed?
- What are the attractions and drawbacks of wireless backhaul for the mobile operators?
- How do PTP, PMP, NLOS, millimeter wave and traditional microwave solutions differ?
- How does wireless backhaul compare to fiber backhaul?

The information in this report will be valuable for:

- Cellular carriers, particularly those servicing the U.S. market
- Mobile backhaul providers, including telcos and cable MSOs
- Wireless backhaul vendors and solution providers
- Mobile OEMs, particularly those servicing the U.S. market
- Wireless infrastructure vendors, particularly those servicing the U.S. market
- Financial and investment analysts.

The new report can be purchased and downloaded directly from *iGR*'s website at [www.iGR-inc.com](http://www.iGR-inc.com). Alternatively, contact Iain Gillott at (512) 263-5682 or at [iain@iGR-inc.com](mailto: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 entering 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](http://www.igr-inc.com).