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New iGR study provides five-year forecast for 3.5 GHz CBRS nodes in the U.S., following the FCC's order to allow Initial Commercial Deployments

Study also provides CBRS market updates and discusses the technical elements and licensing scheme for the shared spectrum

AUSTIN, Texas, September 16th, 2019 – CBRS is finally here. Since the FCC established the Citizens Broadband Radio Service for shared wireless broadband use of the 3550-3700 MHz band (commonly called the 3.5 GHz Band) back in 2015, countless companies have spent years developing and testing hardware and software solutions to provide new services on the shared spectrum.

Today the FCC ordered that the first Initial Commercial Deployments (ICDs) of CBRS services could begin. After an initial 30-day test period and subsequent review, the industry will finally have general availability of CBRS services.

iGR, a market research consultancy focused on the wireless and mobile industry, has just released a new market study that provides an updated five-year forecast for the number of CBRS nodes to be deployed in the U.S.

“Now that the FCC has ordered that the first Initial Commercial Deployments can begin, the industry can finally start using the spectrum to address coverage and capacity issues both indoors and outdoors,” said Iain Gillott, president and founder of iGR. “CBRS will offer opportunities for many different players, including mobile operators, cable operators, private LTE network providers for enterprises, and WISPs.”

iGR's market study, [**U.S. 3.5 GHz CBRS Forecast, 2018-2023: The shared spectrum solution is finally here**](#), provides an updated five-year forecast for the number of CBRS nodes to be deployed in the U.S. The nodes forecast is further split by type/location: outdoor WISP, outdoor mobile, indoor commercial and indoor residential. Two five-year total addressable market forecasts for outdoor small cells and CBRS in commercial buildings by industry are also provided. In addition to the forecasts, the market study includes an explanation of how the CBRS licensing scheme

works, discusses how the technology elements of the new band work, identifies the likely use cases of CBRS, and summarizes the recent developments from the major players in the CBRS ecosystem.

The following key questions are addressed in the new study:

- What is CBRS?
- What are the different license types of CBRS and how does the licensing scheme work?
- Who are the likely adopters of CBRS?
- What is the current state of the CBRS market? What hardware and software solutions are available?
- What is the total addressable market for outdoor small cells? How many nodes will be required outdoors?
- What is the total addressable market for CBRS in commercial buildings, by industry? How many nodes will be required, by industry?
- How many CBRS nodes of the following categories – outdoor WISP, outdoor mobile, indoor commercial, and indoor residential – are expected to be deployed in the U.S. between 2018 and 2023?

The information in this market study will be valuable for:

- Mobile operators, particularly those servicing the U.S. market
- Mobile backhaul providers, including telcos and cable MSOs
- Wired and wireless backhaul vendors and solution providers
- Mobile OEMs, particularly those servicing the U.S. market
- Wired and 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. Alternatively, contact Iain Gillott 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 nineteenth 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: 5G, 4G LTE, smartphones, tablets, connected cars, V2X and V2V, mobile applications, bandwidth demand and use, 5G small cell and het-net architectures, 5G new core virtualization, mobile EPC and RAN virtualization, edge computing, in-building wireless, CBRS, mmWave, spectrum farming, DAS, VoLTE, macro-, pico- and femtocells, mobile front/backhaul, WiFi and WiFi offload.

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