U.S. Health Care Industry CBRS Nodes Forecast, 2019-2024: *Private, Neutral Host & MNO-Controlled*

Market Study
Fourth Quarter 2020

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*iG*R
12400 W. Hwy 71
Suite 350 PMB 341
Austin TX 78738

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Abstract

Earlier in 2020, *iG*R published a forecast of CBRS nodes deployed into U.S. health care buildings. This new report looks at those CBRS nodes and then splits those CBRS nodes into three types with a five-year forecast for each:

- Completely private: Does not connect to an MNO
- Prime tenant: Not private; one MNO builds, operates, maintains the network
- Neutral host: Not private; at least two carriers connect to the network

Note that "private" in this context only refers to the RAN, not to the various (cloud) apps that will of course run on that RAN.

*iG*R created this forecast by relying on data gathered and published by the U.S. Department of Energy's Commercial Building Energy Consumption Survey (CBECS) dataset regarding, among other things, the number, type and size of commercial buildings in the U.S. This report takes that forecast and applies the number of CBRS nodes to the number of establishments in U.S. health care industry sector as defined by the North American Industry Classification System (NAICS).

Key questions addressed in this study:

- What are inpatient and outpatient health care buildings? What applications and services are enabled in a smart/connected health care building?
- What are in-patient and out-patient health care establishments?
- What is CBRS?
- How does CBRS impact health care establishments?
- What is private LTE?
- What are the three main types of private LTE networks that use CBRS?
- How many CBRS nodes will be neutral host?
- How many CBRS nodes will be completely private?

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- How many CBRS nodes will be connected to MNO public networks?
- How many CBRS nodes will be deployed in health care establishments between 2019 and 2024?

This market study is recommended 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.

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