U.S. Warehouse & Storage Private CBRS Network Forecast, 2021 – 2026

U.S. Warehouse & Storage Private CBRS Network Forecast, 2021 – 2026: *CBRS Network Build, Integration and App Spending in Warehouse & Storage Buildings*

A Market Study

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Abstract

Warehouse and storage buildings in the U.S. support many different industries and supply chain logistics. Private CBRS network systems can be deployed in warehouse and storage buildings to support smart warehouse functionality, such as automation systems, IoT installations and robots. They can also be used to handle internal business communications.

For this report, iGR defines an in-building private cellular system as one that uses the U.S. CBRS band for 4G/5G-based services and is funded by a third party distinct from a Mobile Network Operator (MNO). Note that iGR includes campus-wide cellular networks within the “in-building” umbrella.

This market study provides a five-year forecast for spending for three types of spending on in-building private cellular systems using CBRS in U.S. warehouse and storage buildings. The three types of spending include:

- Network build and operational spending: the costs associated with installing and operating the private CBRS network
- Network/systems integration spending: the costs associated with designing, sourcing equipment, integrating the network and applications, etc.
- Applications: the costs associated with purchasing and licensing the applications that run on the private CBRS network.

Key questions addressed in this market study include:

- What is a private cellular network?
- How can a private cellular network be used to create a connected warehouse and storage building/campus?
- What is the primary purpose of a connected warehouse and storage building or campus and what role do these buildings play in supply chain logistics?
- What technologies are required for a connected warehouse and storage building or campus?
- What use cases are enabled in a connected warehouse and storage building or campus?
- How much will be spent to build and operate a private CBRS network in in U.S. warehouse and storage buildings from 2021 to 2026?
- What is the forecasted network/systems integration spending associated with the private CBRS network opportunity in U.S. warehouse and storage buildings from 2021 to 2026?
- What is the forecasted applications spending for private CBRS networks in in U.S. warehouse and storage buildings from 2021 to 2026?

Who should read this report?

- Systems integrators and wireless network integrators
- CBRS solutions vendors
- Mobile operators
- Infrastructure OEMs
- Financial analysts and investors.