

1Q21 WIRELESS INFRASTRUCTURE – MAY 2021

Quarterly Update – 2G/3G/4G/5G Radio Access & Core Networks





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5G REMAINS THE BRIGHT SPOT AND AS OF MID-APRIL 2021 , THE NUMBER OF 5 G COMMERCIAL NETWORKS HIT 163 6
The potential for LTE-A and VoLTE upgrades looks phenomenal
The need for IMS has never been greater
The need for EPC is vanishing
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In Scandinavia, the Baltics and the Balkans, Ericsson took its former footprints back from Huawei
In core networks, the bulk of 5G core sales came from China in $1Q21$: Huawei and ZTE combined command
62% MARKET SHARE
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LIGHTCOUNTING

Abstract

This report analyzes the 1Q21 wireless infrastructure market worldwide and covers 2G, 3G, 4G and 5G radio access network (RAN) and core network nodes. It presents historical data from 2016 to 2020, quarterly market size and vendor market shares, and a detailed market forecast through 2025 for 2G/3G/4G/5G RAN, including open vRAN and open RAN, and core networks (e.g., EPC, vEPC and 5GC), in over 10 product categories for each region (e.g., North America, Europe, Middle East Africa, Asia Pacific, Caribbean Latin America). The historical data accounts for the sales of more than 30 wireless infrastructure vendors, including a few vendors that shared confidential sales data with LightCounting. The market forecast is based on a model correlating wireless infrastructure vendor sales with 20 years of service provider network rollout pattern analysis, and upgrade and expansion plans.