

2Q21 WIRELESS INFRASTRUCTURE - AUGUST 2021

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





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2Q21 WAS STRONG SEQUENTIALLY, AS IT TYPICALLY IS, BUT BELOW 2Q20	5
5G remains the bright spot and as of mid-august 2021 , the number of $5G$ commercial networks	ніт 176 6
As mentioned in the previous 5G core section, a faster migration to SA is greatly desired	7
The potential for LTE-A and VoLTE upgrades looks phenomenal	7
The need for IMS has never been greater	7
The need for new EPC is vanishing but capacity expansion looks strong	7
STRONG CHINA 5G ROLLOUTS KEPT HUAWEI AND ZTE ON THE LEADERSHIP BOARD, ERICSSON AND NOKIA LO	ST SHARES 8
although Ericsson took its former footprints back from Huawei that was not enough	9
In core networks, the bulk of $5G$ core sales came from China in $2Q21$: Huawei and ZTE combined	D COMMAND
55% market share	11
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Gaining or keeping market share in the EPC/vEPC market is a tough balancing act	12
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Overall, these changes did not budge the forecast, 2021 is slightly higher	14
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Home to the world's largest wireless network footprints, Asia Pacific will remain the larges	г маккет19
NORTH AMERICA WILL REMAIN THE WORLD'S SECOND LARGEST WIRELESS INFRASTRUCTURE MARKET AFTER A	ASIA PACIFIC 20
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Abstract

This report analyzes the 2Q21 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 2026 for 2G/3G/4G/5G RAN, including open vRAN, 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.