



DISAGGREGATED CELL SITE GATEWAYS – DECEMBER 2021

THE PHENOMENAL INSTALLED BASE IS UNDER ATTACK!



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AS TELECOM NETWORK ELEMENT DISAGGREGATION IS À L'ORDRE DU JOUR, THE CELL SITE GATEWAY IS NO EXCEPTION 5

FACEBOOK, TELEFÓNICA AND VODAFONE HAVE BEEN AND REMAIN THE MAJOR DRIVING DISAGGREGATION FORCE 5

THIS REPORT SOLELY FOCUSES ON CELL SITE GATEWAYS, THE BACKHAUL SECTION OF TELECOM TRANSPORT NETWORKS..... 6

SOME SAY CELL SITE GATEWAY, OTHER SAY ROUTER; OUR RESEARCH INDICATES CSG HAVE ROUTING CAPABILITIES AND FIT THE ROUTER BILL 6

These CSGs reside between the RAN and the aggregation router 6

Calling a DCSG a white box is an unambiguous strong statement..... 7

At some point, aggregation and core routers will be next..... 8

Tiers 1 CSPs support and through TIP, drive the disaggregation journey..... 8

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Abstract

This report explores the emergence of the Disaggregated Cell Site Gateways (DCSG) market. DCSG are white-box cell site gateways or routers based on an open and disaggregated architecture for existing 2G/3G/4G and future 5G network architectures. The report analyzes DCSG architectures and implementations, including its emerging ecosystem, and tracks white box hardware units and sales, and software sales, all broken down by regions including North America, Europe Middle East Africa, Asia Pacific, and Caribbean Latin America. It includes the total number of cell sites worldwide and a 5-year forecast. As this market is just emerging, it is too early to publish vendor market shares.