

Cloud Radio Access Network (C-RAN) Market (By Component- Remote radio system, Test & measurement equipment, Baseband unit, Server, Processor, Optical Transport Unit. By End User- Defense & Military, Retail, Healthcare, Government, BFSI, Manufacturing, Media & Entertainment, Transportation & Logistics. By Service-Network service, Custom, System integration) – Global Industry Analysis, Size, Share, Growth, Trends and Forecast, 2016 – 2025

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Abstracts

Cloud radio access network or C-RAN is an advanced way of cellular network architecture. Cloud radio access network supports 2G, 3G and 4G network and is mainly for mobile network infrastructure. C-RAN is a wireless communication technology. The rise in the growth of mobile data trafficking is the key factor behind the growth of this market. In telecommunication sector, the rising technology advancement is predicted to drive the cloud radio access network. Moreover, the increase in number of smartphones and tablets along with the increasing technology advancement is set to lead the cloud RAN market to a positive market growth. Additionally, cloud radio access network also serves as a purpose to reduce operational expenditures and for this the increasing need for communication solutions for major market players is further assumed to augment the growth of the market during the projection period of 2016-2025.

Cloud radio access network offers wide range of benefits in the telecommunication

industry. These benefits may include fluctuating traffic adaptability and saving energy than any traditional RAN systems. C-RAN is an innovative and efficient communication architecture that is designed to avoid the rising data traffic. C-RAN technology uses multiple antennas that are even closer to the end user that helps in supporting LTE functionality. Moreover, C-RAN technology also supports future NFV (Network Functions Virtualization) and SDN (Software Defined Networking) deployments. Hence in the upcoming years, the improvement in telecommunication industry will certainly fuel the growth for C-RAN during the forecast period.

The cloud radio access network market in report is segmented by component which includes remote radio system, test and measurement equipment, baseband unit, server, processor, and optical transport unit. The report has been further segmented by end user that includes defense and military, retail, healthcare, government, BFSI, manufacturing, media and entertainment and others. Further down C-RAN market report is segmented by service which is further sub segmented by network service, custom, system integration. The global cloud radio access network market has been segmented geographically into North America, Europe, Asia-Pacific, Middle East and Africa and Latin America.

Cloud-RAN is one of a new kind of technology and is predicted to grow at a high rate with the increase in telecommunication sector across the globe. The cloud-RAN technology also plays a substitute for fiber wire application thus being a driving factor for the cloud radio access network market. In recent years, the rise in demand for good telecommunication network and low data trafficking will certainly augment the market growth of cloud RAN.

Some of the major players in the cloud radio access network market are Cisco Systems Inc., Nokia Corporation, ZTE Corporation, Samsung Electronics Co. Ltd., Intel Corporation, and Ericsson, Huawei Technologies Co. Ltd.

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