

Cloud-Radio Access Network (C-RAN) Market by Component (Solution and Services), Network Type, Deployment (Cloud and Centralized), End User (Telecom Operators and Enterprises), and Region - Global Forecast to 2025

<https://marketpublishers.com/r/CF432F7B2F7EN.html>

Date: December 2020

Pages: 219

Price: US\$ 4,950.00 (Single User License)

ID: CF432F7B2F7EN

Abstracts

The Cloud-Radio Access Network (C-RAN) market size is projected to grow from USD 2.9 billion in 2020 to USD 14.4 billion by 2025, at a Compound Annual Growth Rate (CAGR) of 37.7% during the forecast period. The major factors driving the growth of the C-RAN market include a rapid increase in bandwidth demand, an increase in the demand for 5G network technologies, and the need for lower CAPEX and OPEX.

By component, the service segment is estimated to have a larger market share during the forecast period

Services play a crucial role in transforming new-age enterprises, which are constantly challenged by disruptive forces and innovations in the market. The services segment in the C-RAN market is expected to witness an improved growth rate due to the increased adoption of growing technologies. Large numbers of Mobile Network Operators (MNOs) and telecom providers are planning to come up with enhanced technologies for minimizing latency issues and supporting the 5G technology.

By service, support services segment to have the highest market share during the forecast period

Support services are the key factors for the smooth functioning of software and solutions deployed centrally and in cloud. These services include functional, technical, and database support that companies offer to end customers during installations and

maintenance. These services also assist their customers in efficiently managing security, risk, and compliance. Vendors provide various levels of support programs, such as standard and extended support, which are designed to meet particular customer needs. These include software maintenance for bug fixes, updates, and upgrades on licensed software.

By deployment, cloud segment to lead the market during the forecast period

Cloud-RAN is the evolution version of Centralized-RAN, wherein BBU are virtualized. It reduces the maintenance cost of virtual BBUs as they are stored in data center storages. These data centers possess efficient information exchange and can perform an extensive computation that is difficult in current networks. As it is possible to virtualize after centralization is complete, cloud C-RAN exploits a combination of both virtualization and centralization. Thus, all organizations have already completed or started to centralize to make transition to C-RAN.

North America to lead the market share in 2020

North America is estimated to account for a major share in the C-RAN market in 2020. Over the past few years, North America has gained a lot of momentum in terms of C-RAN and its related technologies, such as virtualization, in the form of NFV. 5G is also said to gain huge traction, which is considered to be an important application. North America has a huge LTE subscriber base; therefore, the demand for high-quality mobile services is high in this region, but as the availability of fiber highly impacts C-RAN deployments, operators would increase their spending on fiber in the future. C-RAN provides substantial performance, along with economic advantages such as baseband pooling, enhanced coordination between cells, and network extensibility. The race for 5G has already made the market competitive. In the US, Federal Communications Commission's (FCC) Spectrum Frontiers Order has placed the foundation for the usage of the 5G technology.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, innovation and technology directors, and executives from various key organizations operating in the C-RAN market.

The breakup of the profiles of the primary participants is given below:

By Company Type: Tier 1 – 35%, Tier 2 – 40%, and Tier 3 – 25%

By Designation: C-level Executives – 45%, Directors – 30%, and Managers – 25%

By Region: North America – 40%, Europe – 30%, APAC – 20%, RoW – 10%

The following key C-RAN vendors are profiled in the report:

Nokia

Huawei

Ericsson

ZTE

NEC

Cisco

Samsung

Altiostar

Fujitsu

Intel

Mavenir

ASOCS

Radisys

CommScope

Artiza Networks

Anritsu

6WIND

EXFO

Airspan

VIAVI

Infinera

Texas Instruments

Amphenol

Xilinx

Dali Wireless

Casa Systems

Research coverage

The market study covers the C-RAN market across different segments. It aims at estimating the market size and the growth potential of this market across different segments, such as Component (Solution and Services), Network Type, Deployment (Cloud and Centralized), End User (Telecom Operators and Enterprises), and Region. The study also includes an in-depth competitive analysis of the key market players, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Reasons to buy the report

The report would help the market leaders/new entrants in the following ways:

It comprehensively segments the C-RAN market and provides the closest approximations of the revenue numbers for the overall market and its subsegments across different regions.

It would help stakeholders understand the pulse of the market and provide information on the key market drivers, restraints, challenges, and opportunities.

It would help stakeholders understand their competitors better and gain more insights to enhance their positions in the market.

Contents

1 INTRODUCTION

1.1 INTRODUCTION TO COVID-19

1.2 COVID-19 HEALTH ASSESSMENT

FIGURE 1 COVID-19: THE GLOBAL PROPAGATION

FIGURE 2 COVID-19 PROPAGATION: SELECT COUNTRIES

1.3 COVID-19 ECONOMIC ASSESSMENT

FIGURE 3 REVISED GROSS DOMESTIC PRODUCT FORECAST FOR
SELECT G20 COUNTRIES IN 2020

1.3.1 COVID-19 ECONOMIC IMPACT—SCENARIO ASSESSMENT

FIGURE 4 CRITERIA IMPACTING THE GLOBAL ECONOMY

FIGURE 5 SCENARIOS IN TERMS OF RECOVERY OF THE GLOBAL ECONOMY

1.4 OBJECTIVES OF THE STUDY

1.5 MARKET DEFINITION

1.5.1 INCLUSIONS AND EXCLUSIONS

1.6 MARKET SCOPE

1.6.1 MARKET SEGMENTATION

1.6.2 REGIONS COVERED

1.6.3 YEARS CONSIDERED FOR THE STUDY

1.7 CURRENCY CONSIDERED

TABLE 1 UNITED STATES DOLLAR EXCHANGE RATE, 2016–2019

1.8 STAKEHOLDERS

1.9 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 6 CLOUD-RADIO ACCESS NETWORK MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.2 PRIMARY DATA

2.1.2.1 Breakup of Primary Profiles

FIGURE 7 BREAKUP OF PRIMARY INTERVIEWS: BY COMPANY TYPE,
DESIGNATION, AND REGION

2.1.2.2 Key Industry Insights

2.2 MARKET BREAKUP AND DATA TRIANGULATION

FIGURE 8 DATA TRIANGULATION

2.3 MARKET SIZE ESTIMATION

FIGURE 9 MARKET SIZE ESTIMATION METHODOLOGY ? APPROACH 1 (SUPPLY SIDE): REVENUE OF SOLUTIONS AND SERVICES OF CLOUD-RADIO ACCESS NETWORK MARKET

FIGURE 10 MARKET SIZE ESTIMATION METHODOLOGY ? APPROACH 1 BOTTOM-UP (SUPPLY SIDE): COLLECTIVE REVENUE OF ALL SOLUTIONS AND SERVICES OF CLOUD-RADIO ACCESS NETWORK MARKET

FIGURE 11 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 TOP-DOWN (DEMAND SIDE): SHARE OF CLOUD-RADIO ACCESS NETWORK MARKET

2.4 MARKET FORECAST

TABLE 2 FACTOR ANALYSIS

2.5 RESEARCH ASSUMPTIONS AND LIMITATIONS

2.5.1 ASSUMPTIONS FOR THE STUDY

2.5.2 LIMITATIONS OF THE STUDY

3 EXECUTIVE SUMMARY

FIGURE 12 SERVICES SEGMENT TO HOLD LARGER MARKET SIZE DURING FORECAST PERIOD

FIGURE 13 TELECOM OPERATORS SEGMENT TO HOLD LARGER MARKET SIZE DURING FORECAST PERIOD

FIGURE 14 CLOUD SEGMENT TO ACCOUNT FOR HIGHER MARKET SHARE DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN CLOUD-RADIO ACCESS NETWORK MARKET

FIGURE 15 NEED FOR REDUCTION IN CAPITAL EXPENDITURE AND OPERATIONAL EXPENDITURE TO DRIVE MARKET GROWTH

4.2 CLOUD-RADIO ACCESS NETWORK MARKET IN ASIA PACIFIC, BY COMPONENT AND COUNTRY

FIGURE 16 SOLUTION SEGMENT AND CHINA TO ACCOUNT FOR HIGH MARKET SHARES IN 2020

4.3 CLOUD-RADIO ACCESS NETWORK MARKET: MAJOR COUNTRIES

FIGURE 17 MEXICO TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

5 MARKET OVERVIEW AND INDUSTRY TRENDS

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 18 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES: CLOUD-RADIO ACCESS NETWORK MARKET

5.2.1 DRIVERS

5.2.1.1 Rapid increase in bandwidth demand

5.2.1.2 Increase in the demand for 5G network technologies

FIGURE 19 GLOBAL MOBILE CONNECTIONS BY NETWORK TYPE–2023 REGIONAL (% SHARE)

5.2.1.3 Need for lower CAPEX and OPEX

5.2.2 RESTRAINT

5.2.2.1 Need for high fronthaul capacity restricts the market growth

5.2.3 OPPORTUNITIES

5.2.3.1 Increase in the number of internet users around the world

FIGURE 20 INTERNET USERS BY REGION, 2018–2023 (%SHARE)

5.2.3.2 Rise in the demand for network connectivity to implement IoT

5.2.4 CHALLENGES

5.2.4.1 Security threats

5.2.4.2 Demand for diverse and challenging services

5.3 IMPACT OF COVID-19 ON MARKET DYNAMICS

5.3.1 CUMULATIVE GROWTH ANALYSIS

5.4 CLOUD-RADIO ACCESS NETWORK MARKET: ECOSYSTEM

FIGURE 21 CLOUD-RADIO ACCESS NETWORK ECOSYSTEM

5.5 CLOUD-RADIO ACCESS NETWORK MARKET: VALUE CHAIN

FIGURE 22 CLOUD-RADIO ACCESS NETWORK VALUE CHAIN

5.6 TECHNOLOGY ANALYSIS

TABLE 3 TECHNOLOGY ENABLERS IN CLOUD-RADIO ACCESS NETWORK

5.7 CASE STUDIES

5.7.1 CASE STUDY 1: ARTIZA PROVIDED C-RAN SOLUTIONS TO NTT DOCOMO

5.7.2 CASE STUDY 2: DISH CHOSE ALTIOSTAR'S CLOUD-NATIVE O-RAN
COMPLIANT SOLUTION FOR COUNTRY-WIDE 5G NETWORK BUILDOUT

5.7.3 CASE STUDY 3: BHARTI AIRTEL DEPLOYED ALTIOSTAR'S OPEN
VIRTUALIZED RADIO ACCESS NETWORK SOLUTION

5.8 REGULATORY LANDSCAPE

5.8.1 FEDERAL COMMUNICATIONS COMMISSION

5.8.2 OFFICE OF COMMUNICATIONS

5.8.3 MINISTRY OF INDUSTRY AND INFORMATION TECHNOLOGY

5.8.4 TELECOMMUNICATIONS REGULATORY AUTHORITY

5.8.5 FEDERAL TELECOMMUNICATIONS INSTITUTE

5.8.6 GENERAL DATA PROTECTION REGULATION

5.8.7 THE INTERNATIONAL ORGANIZATION FOR STANDARDIZATION 27001

5.9 PATENT ANALYSIS

FIGURE 23 EUROPE PATENT APPLICATION, BY COUNTRY

FIGURE 24 EUROPE PATENT APPLICATION, BY TECHNOLOGY FIELD

FIGURE 25 EUROPE PATENT APPLICATION: DIGITAL TECHNOLOGY, BY APPLICANT

FIGURE 26 STANDARD ESSENTIAL PATENTS: 5G

FIGURE 27 4G- AND 5G-DECLARED PATENT PORTFOLIOS BY COMPANIES

6 CLOUD-RADIO ACCESS NETWORK MARKET, BY COMPONENT

6.1 INTRODUCTION

6.1.1 COMPONENTS: COVID-19 IMPACT

6.1.2 COMPONENTS: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

FIGURE 28 SERVICES SEGMENT TO ACCOUNT FOR LARGER MARKET SIZE DURING FORECAST PERIOD

TABLE 4 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016–2019 (USD MILLION)

TABLE 5 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019–2025 (USD MILLION)

6.2 SOLUTION

6.2.1 BASE BAND UNITS

6.2.2 REMOTE RADIO UNITS

TABLE 6 SOLUTION: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 7 SOLUTION: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

6.3 SERVICES

FIGURE 29 SUPPORT SERVICES SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD

TABLE 8 SERVICES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 9 SERVICES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

TABLE 10 SERVICES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY TYPE, 2016–2019 (USD MILLION)

TABLE 11 SERVICES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY TYPE, 2019–2025 (USD MILLION)

6.3.1 CONSULTING SERVICES

TABLE 12 CONSULTING SERVICES MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 13 CONSULTING SERVICES MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

6.3.2 IMPLEMENTATION SERVICES

TABLE 14 IMPLEMENTATION SERVICES MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 15 IMPLEMENTATION SERVICES MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

6.3.3 SUPPORT SERVICES

TABLE 16 SUPPORT SERVICES MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 17 SUPPORT SERVICES MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

7 CLOUD-RADIO ACCESS NETWORK MARKET, BY NETWORK TYPE

7.1 INTRODUCTION

7.1.1 NETWORK TYPES: COVID-19 IMPACT

7.1.2 NETWORK TYPES: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS
FIGURE 30 4G SEGMENT TO ACCOUNT FOR LARGEST MARKET SIZE DURING FORECAST PERIOD

TABLE 18 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016–2019 (USD MILLION)

TABLE 19 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019–2025 (USD MILLION)

7.2 5G

TABLE 20 5G: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 21 5G: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

7.3 4G

TABLE 22 4G: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 23 4G: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

7.4 3G AND 2G

TABLE 24 3G AND 2G: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 25 3G AND 2G: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

8 CLOUD-RADIO ACCESS NETWORK MARKET, BY DEPLOYMENT

8.1 INTRODUCTION

8.1.1 DEPLOYMENTS: COVID-19 IMPACT

8.1.2 DEPLOYMENTS: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

FIGURE 31 CLOUD SEGMENT TO HOLD LARGER MARKET SIZE DURING FORECAST PERIOD

TABLE 26 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016–2019 (USD MILLION)

TABLE 27 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019–2025 (USD MILLION)

8.2 CLOUD

TABLE 28 CLOUD: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 29 CLOUD: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

8.3 CENTRALIZED

TABLE 30 CENTRALIZED: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 31 CENTRALIZED: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

9 CLOUD-RADIO ACCESS NETWORK MARKET, BY END USER

9.1 INTRODUCTION

9.1.1 END USERS: COVID-19 IMPACT

9.1.2 END USERS: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

FIGURE 32 TELECOM OPERATORS SEGMENT TO HOLD LARGER MARKET SIZE DURING FORECAST PERIOD

TABLE 32 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016–2019 (USD MILLION)

TABLE 33 CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019–2025 (USD MILLION)

9.2 TELECOM OPERATORS

TABLE 34 TELECOM OPERATORS: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 35 TELECOM OPERATORS: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

9.3 ENTERPRISES

TABLE 36 ENTERPRISES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 37 ENTERPRISES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY REGION, 2019–2025 (USD MILLION)

10 CLOUD-RADIO ACCESS NETWORK MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 33 ASIA PACIFIC TO EXHIBIT HIGHEST GROWTH RATE DURING FORECAST PERIOD

10.2 NORTH AMERICA

10.2.1 NORTH AMERICA: REGULATORY IMPLICATIONS

10.2.2 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

10.2.3 NORTH AMERICA: COVID-19 IMPACT

FIGURE 34 NORTH AMERICA: MARKET SNAPSHOT

TABLE 38 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 39 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 40 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2016-2019 (USD MILLION)

TABLE 41 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2019-2025 (USD MILLION)

TABLE 42 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 43 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 44 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 45 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 46 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 47 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

TABLE 48 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE,

BY COUNTRY, 2016-2019 (USD MILLION)

TABLE 49 NORTH AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2019-2025 (USD MILLION)

10.2.4 UNITED STATES

TABLE 50 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 51 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 52 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 53 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 54 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 55 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 56 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 57 UNITED STATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.2.5 CANADA

TABLE 58 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 59 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 60 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 61 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 62 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 63 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 64 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 65 CANADA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.3 EUROPE

10.3.1 EUROPE: REGULATORY IMPLICATIONS

10.3.2 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

10.3.3 EUROPE: COVID-19 IMPACT

TABLE 66 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 67 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 68 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2016-2019 (USD MILLION)

TABLE 69 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2019-2025 (USD MILLION)

TABLE 70 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 71 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 72 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 73 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 74 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 75 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

TABLE 76 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2016-2019 (USD MILLION)

TABLE 77 EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2019-2025 (USD MILLION)

10.3.4 UNITED KINGDOM

TABLE 78 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 79 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 80 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 81 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 82 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 83 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 84 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 85 UNITED KINGDOM: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.3.5 GERMANY

TABLE 86 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 87 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 88 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 89 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 90 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 91 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 92 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 93 GERMANY: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.3.6 REST OF EUROPE

TABLE 94 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 95 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 96 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 97 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 98 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 99 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 100 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 101 REST OF EUROPE: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.4 ASIA PACIFIC

10.4.1 ASIA PACIFIC: REGULATORY IMPLICATIONS

10.4.2 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

10.4.3 ASIA PACIFIC: COVID-19 IMPACT

FIGURE 35 ASIA PACIFIC: MARKET SNAPSHOT

TABLE 102 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 103 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 104 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2016-2019 (USD MILLION)

TABLE 105 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2019-2025 (USD MILLION)

TABLE 106 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 107 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 108 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 109 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 110 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 111 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

TABLE 112 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2016-2019 (USD MILLION)

TABLE 113 ASIA PACIFIC: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2019-2025 (USD MILLION)

10.4.4 CHINA

TABLE 114 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 115 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 116 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 117 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 118 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 119 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 120 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 121 CHINA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.4.5 JAPAN

TABLE 122 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 123 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 124 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 125 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 126 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 127 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 128 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 129 JAPAN: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.4.6 REST OF ASIA PACIFIC

TABLE 130 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 131 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 132 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 133 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 134 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 135 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 136 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 137 REST OF ASIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY

END USER, 2019-2025 (USD MILLION)**10.5 MIDDLE EAST AND AFRICA****10.5.1 MIDDLE EAST AND AFRICA: REGULATORY IMPLICATIONS****10.5.2 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS****NETWORK MARKET DRIVERS****10.5.3 MIDDLE EAST AND AFRICA: COVID-19 IMPACT****TABLE 138 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)****TABLE 139 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)****TABLE 140 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2016-2019 (USD MILLION)****TABLE 141 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2019-2025 (USD MILLION)****TABLE 142 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)****TABLE 143 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)****TABLE 144 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)****TABLE 145 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)****TABLE 146 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)****TABLE 147 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)****TABLE 148 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2016-2019 (USD MILLION)****TABLE 149 MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2019-2025 (USD MILLION)****10.5.4 KINGDOM OF SAUDI ARABIA****TABLE 150 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)****TABLE 151 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)****TABLE 152 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)****TABLE 153 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)**

TABLE 154 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 155 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 156 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 157 KINGDOM OF SAUDI ARABIA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.5.5 UNITED ARAB EMIRATES

TABLE 158 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 159 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 160 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 161 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 162 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 163 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 164 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 165 UNITED ARAB EMIRATES: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.5.6 REST OF MIDDLE EAST AND AFRICA

TABLE 166 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 167 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 168 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 169 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 170 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 171 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 172 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS

NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 173 REST OF MIDDLE EAST AND AFRICA: CLOUD-RADIO ACCESS

NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.6 LATIN AMERICA

10.6.1 LATIN AMERICA: REGULATORY IMPLICATIONS

10.6.2 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET DRIVERS

10.6.3 LATIN AMERICA: COVID-19 IMPACT

TABLE 174 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 175 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 176 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2016-2019 (USD MILLION)

TABLE 177 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY SERVICE, 2019-2025 (USD MILLION)

TABLE 178 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 179 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 180 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 181 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 182 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 183 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

TABLE 184 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2016-2019 (USD MILLION)

TABLE 185 LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COUNTRY, 2019-2025 (USD MILLION)

10.6.4 BRAZIL

TABLE 186 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 187 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 188 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 189 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY

NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 190 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 191 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 192 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 193 BRAZIL: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.6.5 MEXICO

TABLE 194 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 195 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 196 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 197 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 198 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 199 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 200 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 201 MEXICO: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

10.6.6 REST OF LATIN AMERICA

TABLE 202 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2016-2019 (USD MILLION)

TABLE 203 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY COMPONENT, 2019-2025 (USD MILLION)

TABLE 204 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2016-2019 (USD MILLION)

TABLE 205 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY NETWORK TYPE, 2019-2025 (USD MILLION)

TABLE 206 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2016-2019 (USD MILLION)

TABLE 207 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY DEPLOYMENT, 2019-2025 (USD MILLION)

TABLE 208 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2016-2019 (USD MILLION)

TABLE 209 REST OF LATIN AMERICA: CLOUD-RADIO ACCESS NETWORK MARKET SIZE, BY END USER, 2019-2025 (USD MILLION)

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 MARKET EVALUATION FRAMEWORK

FIGURE 36 MARKET EVALUATION FRAMEWORK, 2018-2020

11.3 REVENUE ANALYSIS OF TOP MARKET PLAYERS

FIGURE 37 REVENUE ANALYSIS OF CLOUD-RADIO ACCESS NETWORK MARKET

11.4 HISTORICAL REVENUE ANALYSIS

11.4.1 INTRODUCTION

FIGURE 38 HISTORICAL FIVE-YEAR REVENUE ANALYSIS OF LEADING PLAYERS

11.5 RANKING OF KEY PLAYERS IN CLOUD-RADIO ACCESS NETWORK MARKET, 2020

FIGURE 39 RANKING OF KEY PLAYERS, 2020

11.6 COMPANY EVALUATION MATRIX

11.6.1 STAR

11.6.2 EMERGING LEADERS

11.6.3 PERVASIVE

11.6.4 PARTICIPANTS

FIGURE 40 CLOUD-RADIO ACCESS MARKET (GLOBAL), COMPANY EVALUATION MATRIX, 2020

12 COMPANY PROFILES

12.1 INTRODUCTION

(Business Overview, Solutions and Products Offered, Recent Developments, and MnM View)*

12.2 CISCO

FIGURE 41 CISCO: COMPANY SNAPSHOT

12.3 NOKIA

FIGURE 42 NOKIA: COMPANY SNAPSHOT

12.4 HUAWEI

FIGURE 43 HUAWEI: COMPANY SNAPSHOT

12.5 NEC

FIGURE 44 NEC: COMPANY SNAPSHOT

12.6 SAMSUNG

FIGURE 45 SAMSUNG: COMPANY SNAPSHOT

12.7 ERICSSON

FIGURE 46 ERICSSON: COMPANY SNAPSHOT

12.8 ALTIOSTAR

12.9 ZTE

FIGURE 47 ZTE: COMPANY SNAPSHOT

12.10 FUJITSU

FIGURE 48 FUJITSU: COMPANY SNAPSHOT

12.11 INTEL

FIGURE 49 INTEL: COMPANY SNAPSHOT

* Business Overview, Solutions and Products Offered, Recent Developments, and MnM View might not be captured in case of unlisted companies.

12.12 MAVENIR

12.13 ASOCS

12.14 RADISYS

12.15 COMMSCOPE

12.16 ARTIZA NETWORKS

12.17 ANRITSU

12.18 6WIND

12.19 EXFO

12.20 AIRSPAN

12.21 VIAVI

12.22 INFINERA

12.23 TEXAS INSTRUMENTS

12.24 AMPHENOL

12.25 XILINX

12.26 DALI WIRELESS

12.27 CASA SYSTEM

13 APPENDIX

13.1 ADJACENT/RELATED MARKETS

13.1.1 5G INFRASTRUCTURE MARKET

13.1.1.1 Market definition

13.1.1.2 Limitations of the study

13.1.1.3 Market overview

13.1.1.4 5G infrastructure market, by communication infrastructure

TABLE 210 5G INFRASTRUCTURE MARKET, BY COMMUNICATION

INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 211 COMMUNICATION INFRASTRUCTURE: 5G INFRASTRUCTURE MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 212 5G COMMUNICATION INFRASTRUCTURE MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 213 5G COMMUNICATION INFRASTRUCTURE MARKET, BY END USER, 2018–2027 (USD MILLION)

13.1.1.5 5G infrastructure market, by region

TABLE 214 5G INFRASTRUCTURE MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 215 5G INFRASTRUCTURE MARKET IN NORTH AMERICA, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)

TABLE 216 5G INFRASTRUCTURE MARKET IN CANADA, BY CORE NETWORK TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 217 5G INFRASTRUCTURE MARKET IN MEXICO, BY COMMUNICATION INFRASTRUCTURE, 2020–2027 (USD MILLION)

TABLE 218 5G INFRASTRUCTURE MARKET IN EUROPE, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)

TABLE 219 5G INFRASTRUCTURE MARKET IN GERMANY, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 220 5G INFRASTRUCTURE MARKET IN ITALY, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)

TABLE 221 5G INFRASTRUCTURE MARKET IN REST OF EUROPE, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 222 5G INFRASTRUCTURE MARKET IN REST OF EUROPE, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 223 5G INFRASTRUCTURE MARKET IN ASIA PACIFIC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 224 5G INFRASTRUCTURE MARKET IN ASIA PACIFIC, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 225 5G INFRASTRUCTURE MARKET IN ASIA PACIFIC, BY END USER, 2018–2027 (USD MILLION)

TABLE 226 5G INFRASTRUCTURE MARKET IN ASIA PACIFIC, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 227 5G INFRASTRUCTURE MARKET IN JAPAN, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 228 5G INFRASTRUCTURE MARKET IN JAPAN, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)

TABLE 229 5G INFRASTRUCTURE MARKET IN REST OF ASIA PACIFIC, BY

COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 230 5G INFRASTRUCTURE MARKET IN REST OF THE WORLD, BY REGION, 2018–2027 (USD MILLION)

TABLE 231 5G INFRASTRUCTURE MARKET IN REST OF THE WORLD, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 232 5G INFRASTRUCTURE MARKET IN REST OF THE WORLD, BY END USER, 2018–2027 (USD MILLION)

TABLE 233 5G INFRASTRUCTURE MARKET IN REST OF THE WORLD, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 234 5G INFRASTRUCTURE MARKET IN MIDDLE EAST AND AFRICA, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 235 5G INFRASTRUCTURE MARKET IN SOUTH AMERICA, BY COMMUNICATION INFRASTRUCTURE, 2020–2027 (USD MILLION)

TABLE 236 5G INFRASTRUCTURE MARKET IN SOUTH AMERICA, BY CORE NETWORK TECHNOLOGY, 2020–2027 (USD MILLION)

13.1.2 LTE AND 5G BROADCAST MARKET

13.1.2.1 Market definition

13.1.2.2 Limitations of the study

13.1.2.3 Market overview

13.1.2.4 LTE and 5G broadcast market, by technology

TABLE 237 LTE AND 5G BROADCAST MARKET, BY TECHNOLOGY, 2015–2024 (USD MILLION)

TABLE 238 5G BROADCAST: LTE AND 5G BROADCAST MARKET, BY END USER, 2015–2024 (USD MILLION)

13.1.2.5 LTE and 5G broadcast market, by region

TABLE 239 NORTH AMERICAN LTE AND 5G BROADCAST MARKET, BY TECHNOLOGY, 2015–2024 (USD MILLION)

TABLE 240 NORTH AMERICAN LTE AND 5G BROADCAST MARKET, BY COUNTRY, 2015–2024 (USD MILLION)

TABLE 241 EUROPEAN LTE AND 5G BROADCAST MARKET, BY TECHNOLOGY, 2015–2024 (USD MILLION)

TABLE 242 EUROPEAN LTE AND 5G BROADCAST MARKET, BY COUNTRY, 2015–2024 (USD MILLION)

TABLE 243 ASIA PACIFIC LTE AND 5G BROADCAST MARKET, BY COUNTRY, 2015–2024 (USD MILLION)

TABLE 244 REST OF THE WORLD LTE AND 5G BROADCAST MARKET, BY TECHNOLOGY, 2015–2024 (USD MILLION)

13.2 DISCUSSION GUIDE

13.3 KNOWLEDGE STORE: MARKET SAND MARKETS' SUBSCRIPTION PORTAL

13.4 AVAILABLE CUSTOMIZATIONS

13.5 RELATED REPORTS

13.6 AUTHOR DETAILS

I would like to order

Product name: Cloud-Radio Access Network (C-RAN) Market by Component (Solution and Services), Network Type, Deployment (Cloud and Centralized), End User (Telecom Operators and Enterprises), and Region - Global Forecast to 2025

Product link: <https://marketpublishers.com/r/CF432F7B2F7EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CF432F7B2F7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970