

Cognitive Radio Market - Global Outlook and Forecast 2022-2028

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Abstracts

The cognitive radio market is segmented on the basis of components into software tools, hardware, and services. The software tools segment is expected to hold the largest market size during the forecast period. Software tools play an important role in the cognitive radio market. Components that are integrated with the hardware of the radio communication systems, such as amplifiers, detectors, and modulators/demodulators, are embedded using the related software tools. Therefore, software tools are an important component of the cognitive radio ecosystem.

This report contains market size and forecasts of Cognitive Radio in Global, including the following market information:

Global Cognitive Radio Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Cognitive Radio market was valued at 3837.5 million in 2021 and is projected to reach US\$ 7018.5 million by 2028, at a CAGR of 9.0% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Government and Defense Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Cognitive Radio include BAE Systems, Raytheon

Company, Thales Group, Rohde & Schwarz, Spectrum Signal Processing, XG Technology, Nutaq, Ettus Research and Shared Spectrum Company and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Cognitive Radio companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Cognitive Radio Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Cognitive Radio Market Segment Percentages, by Type, 2021 (%)

Government and Defense

Telecommunication

Transportation

Global Cognitive Radio Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Cognitive Radio Market Segment Percentages, by Application, 2021 (%)

Spectrum Sensing

Spectrum Analysis

Spectrum Allocation

Location Tracking

Cognitive Routing

Global Cognitive Radio Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Cognitive Radio Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Cognitive Radio revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Cognitive Radio revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

BAE Systems

Raytheon Company

Thales Group

Rohde & Schwarz

Spectrum Signal Processing

XG Technology

Nutaq

Ettus Research

Shared Spectrum Company

Datasoft Corporation

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