

cognitive radio - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Cognitive radio market is accounted for \$3.48 billion in 2017 and is expected to reach \$14.85 billion by 2026 growing at a CAGR of 17.5% during the forecast period. Some of the major factors driving the market are technological advancements, growing adoption of 5G technologies and increasing usage in rural areas on overcoming the problem of high costs. Furthermore, effective use of pattern is also fuelling the market. However, issues regarding security and concerns related to interoperability with in the business are inhibiting the market.

On the basis of Application, cognitive routing is determined as finding the shortest path to improvise the efficiency. It improves wireless ad hoc network performance in terms of throughput and delay, but also improves network performance in the future by the decision of current route selection as it can n change its transmitter parameters based on interaction with the environment.

On the basis of component, Software Tools is a computer program used by software developers to create debug and maintain other programs and applications. Usage of software tools in will reduce supports easy, fast, and radio-agnostic development of cognitive radio and network protocols and security mechanisms with fully integrated, unified frameworks that applies the same solution to high fidelity simulation and emulation tests under a common, controllable, and repeatable scenario.

North America is subjected to hold highest market value and expected to remain the same during the forecast period due to increase in adopting technology in various applications and industries. Besides, Asia Pacific will witness highest CAGR due to growing demand for optimized spectrum utilization.

Some of the key players in XX market include BAE Systems, DataSoft Corporation, Episys Science, Ettus Research, Kyynel, NuRAN Wireless Inc. (Nutaq), Raytheon

Company, Rohde & Schwarz, Shared Spectrum Company, Spectrum Signal Processing, Thales Group S.A., Vecima Networks (Spectrum Signal Processing), XG Technology.

Components Covered:

Hardware

Software Tools

Services Covered:

Managed Services

Professional Services

Applications Covered:

Cognitive Routing

Location Tracking

Spectrum Allocation

Spectrum Analysis

Spectrum Sensing

End Users Covered:

Government and Defense

Telecommunication

Transportation

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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