

# North America Cognitive Radio Market Analysis (2017-2023)

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## Abstracts

The North America Cognitive Radio Market would witness market growth of 15.5% CAGR during the forecast period (2017 – 2023). Cognitive Radio (CR) is an adaptive, intelligent radio and network technology that has the capabilities to automatically detect available channels in a wireless spectrum and accordingly change transmission parameters, which would enable multiple communications to run concurrently and at the same time improve radio operating behavior. There is tremendous focus on innovations obtained from Research and Development (R&D) in countries such as US and Canada. These countries are most competitive and are the heavens for rapidly changing cognitive radio market in the world. There is an increased focus on developing and implementing advanced communication technologies such as cognitive radios and Software-Defined Radio (SDR), to address the needs of modern nature of warfare as well as ensuring public safety and security.

Based on Type, the market report segments the market into Software, Hardware, and Services. Software Type includes Radio Control & Reconfiguration Tools, Spectrum Analyzer, and Policy & Configuration Database Manager. Services include Professional and Managed Services. Based on Application, the market report segments the market into Spectrum Sensing, Spectrum Analysis, Spectrum Allocation, Location Tracking, and Others. Based on Vertical, the market report segments the market into Government & Defense, Telecommunication, Transportation, and Others. Based on Countries, the Cognitive Radio Market segments the market into US, Mexico, Canada, and Rest of North America.

The market research report covers the competition analysis of key stake holders of the North America Cognitive Radio Market. Key companies profiled in the report include BAE Systems, Raytheon Company, Thales Group S.A., Vecima Networks (Spectrum

Signal Processing), xG Technology, Rohde & Schwarz, NuRAN Wireless Inc. (Nutaq), DataSoft Corporation, Kyynel, and Shared Spectrum Company.

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