

## **Neurotech Devices: Global Market Outlook**

Market Research Report | 2023-01-03 | 59 pages | BCC Research

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### **Report description:**

Description

Report Scope:

In this report, the market is segmented based on product type, application, end user, and region. The report provides an overview of the global neurotech devices market and analyzes market trends. With 2021 as the base year, the report provides estimated market data for the forecast period of 2022 to 2027. Revenue forecasts for this period are segmented based on offering, technology, applications, and region. Market values have been estimated based on the total revenue of neurotech devices application providers.

The report covers the market for neurotech devices with regard to the user base across different regions. It also highlights major trends and challenges that affect the market and the vendor landscape. The report estimates the global market for neurotech devices in 2021 and provides projections for the expected market size through 2027.

The scope of the study includes neurotech devices care platforms and services associated with the platform.

Report Includes:

- A brief general outlook and up-to-date analysis of the global markets for neurotech devices
- Analyses of the global market trends, with market revenue data for 2021, estimates for 2022, 2023, 2025, and projections of compound annual growth rates (CAGRs) through 2027
- Estimation of the actual market size and revenue forecast for global neurotech devices market, and its corresponding market share analysis based on product type, application (disorder) type, end user, and geographic region
- Updated information on market drivers and opportunities for neurotech devices, key shifts and regulations, industry specific

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- challenges, and other demographic and regional factors that will influence the market demand in the coming years (2022-2027)
- Identification of the companies best positioned to meet this demand owing to or in conjunction with their proprietary technologies, product launches, M&A deals, and other market strategic advantages
  - Discussion of the industry value chain analysis for neurotech devices market providing a systematic study of key intermediaries involved, with emphasis on solutions and service providers across the covering regions
  - Insight into the government regulations, pricing structure, performance monitoring, and pricing pressure (healthcare initiatives) in the U.S., Europe and APAC
  - Patent activity and review of patent grants on the global markets for neurotech devices by each major category
  - Descriptive company profiles of the industry leading players

## Executive Summary

### Summary:

Neurotechnology is a sophisticated technology that aims to comprehend the nervous system, visualize its operation, and even regulate, rebuild or improve its functions. A neurotech device, similarly, is a piece of technology that continuously controls, holds and stimulates neural impulses. The health and wellness industry has been using these tools; the education, workplace governance, public security, and even sports sectors are slated to use them in the future. Neurotech devices are also used to diagnose, prevent and treat neurological problems and disorders such as Parkinson's disease, Alzheimer's disease, major depression, and brain injury. In the neurotech industry, developing excellent neuromodulation and neurostimulation techniques will drive the industry's growth.

There will be significant growth in neurotechnology products and services in the global healthcare market as neurological disorders and conditions continue to grow and be identified. Many of these disorders and conditions will become more prevalent because demographic changes in aging populations, as well as increasing life expectancy and the demand for a better quality of life by senior citizens, will have their effects.

There are many aspects of consciousness, thought and higher order brain functions that are influenced by neurotechnology. Furthermore, it includes technologies that enhance and repair brain function and enable researchers and clinicians to visualize the brain. The digital health sector has matured from essential tracking apps into highly regulated medical devices; cutting-edge technologies are being developed that blur the boundaries between computers and biology, and many of start-ups are beginning to target brain functions.

In this report, the global market neurotech devices is segmented based on product type, application, end users, and region. Based on product type, the neurotech devices market is categorized into neurostimulation, neuroprostheses, neurosurgery, and neurorehabilitation. Based on application, the neurotech devices market is segmented into chronic pain, urinary and fecal incontinence, Parkinson's disease, epilepsy, sleeping disorders, and others. By region, the market is segmented into North America, Europe, Asia-Pacific, and the Rest of the World (RoW).

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