

# **Brain Machine Interface Market Forecasts to 2028 – Global Analysis By Application (Military and Defense, Healthcare, Gaming and Entertainment, Communication and Control, Smart Home Controls, Other Applications) and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Brain Machine Interface Market is accounted for \$1.27 billion in 2020 and is expected to reach \$3.17 billion by 2028 growing at a CAGR of 12.1% during the forecast period. Factors such as the ongoing developments in the field of neuroscience, miniaturization of components, and increasing prevalence of brain disorders are driving the growth of the market. However, lack of skilled professionals is hampering the growth of the market.

Brain machine interface translates neuronal information into commands capable of controlling external software or hardware such as a computer or robotic arm. It is largely being used in the research studies to understand neuromuscular disorders and develop effective treatment for those conditions.

Based on the application, the healthcare segment is anticipated to expand at a rapid pace during the forecast period owing to the growing need to provide efficient solutions for the patients suffering from various neurological conditions. By geography, North America is going to have high growth during the forecast period which can be attributed to the growing popularity of virtual gaming and the presence of numerous brain machine interface providers in the region.

Some of the key players profiled in the Brain Machine Interface Market include Advanced Bionics, BrainCo, Bitbrain, Guger Technologies OG, Neuroelectronics, Mind Solutions Corp., Natus Medical, NeuroSky, Compumedics Ltd, Interactive Productline,

IWinks, Emotiv Corp., InteraXon, Ripple, and ANT Neuro.

Types Covered:

Non-Invasive

Partially Invasive

Invasive

Applications Covered:

Military and Defense

Healthcare

Gaming and Entertainment

Communication and Control

Smart Home Controls

Other Applications

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

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

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

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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