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Global Man-Portable Communication Systems Market Size study & Forecast, by Platform Type (Land-Based, Naval, Airborne), by Application (Software Defined Radios, Satellite Communications, Encryption, Smartphones, Homeland Security, Commercial), and Regional Analysis, 2023-2030

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Abstracts

Global Man-Portable Communication Systems Market is valued at approximately USD 46.9 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.90% during the forecast period 2023-2030. The deployment of man-portable communication systems on military ships and aircraft is increasingly prevalent, aiming to secure data and voice transmissions efficiently, incorporating anti-jamming features. These systems play a crucial role in mitigating the impact of noises produced by military equipment and sirens, thereby enhancing the success rate of military operations.

The adoption of man-portable communication systems is propelled by key drivers within the defense industry. There is a risingsurge in their use within defense forces. These systems are increasingly becoming integral components for military operations, enhancing communication capabilities, and securing data and voice transmissions. Also, the expansion of government funding in research and development activities is a significant driver. Governments are allocating increased financial resources to advance the technological capabilities of man-portable communication systems. As per the US Department of Defense, the budget proposal for the current year encompasses approximately USD 145 billion designated for research, development, testing, and engineering—an increase of 12% compared to the fiscal year 2023. This allocation also stands as the largest in the history of the department. Within the research, development, testing, and engineering budget, emphasis is placed on 14 critical

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technology areas identified as imperative for investment by the department, a determination made by Shyu in early 2022. Also, the proportion of the US security budget allocated to defense technology innovation is anticipated to show minimal fluctuations in the next five years, as outlined in the Department of Defense's plan for the fiscal year 2023. In terms of monetary value, funding might experience an increase from the current USD 34 billion to USD 40 billion by 2023, maintaining relative stability through 2027, excluding adjustments for inflation and additional congressional allocations. However, Reduction in defense budgets and lack of availability of skilled workforce stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Man-Portable Communication Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. The Man-Portable Communication Systems Market is primarily led by North America, driven by a rise in defense spending in the U.S. and the presence of advanced technological infrastructure in the region. Meanwhile, significant growth is anticipated in the Asia-Pacific region from 2023 to 2030. This growth can be attributed to increased expenditure in developing the portable communication industry and widespread deployment, fostering enhanced connectivity across military and defense segments in the region.

Major market player included in this report are:

L3Harris Technologies, Inc. (US)

Northrop Grumman. (US)

Rheinmetall AG (Germany)

Lockheed Martin Corporation. (US)

Raytheon Technologies Corporation (US)

BAE Systems. (UK)

General Dynamics Corporation (US)

Thales (France)

Saab (Sweden)

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Leonardo S.p.A. (Italy)

Global Man-Portable Communication Systems Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Platform Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Platform Type:

Land-Based

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Naval

Airborne

By Application:

Software Defined Radios (SDR)

Satellite Communications (SATCOM)

Encryption

Smartphones

Homeland Security

Commercial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

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India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

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