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Global Programmable Ammunition Market Size study & Forecast, by Technology (Cannons, Gatling guns, Machine guns, Main guns, and Launchers), by Component (Loading systems, Drive assembly, Ammunition storage units, Auxillary power units), by Detonation Type (Proximity detonation type and Wireless detonation type), by End User (Naval, Airforce and Ground defense forces) and Regional Analysis, 2023-2030

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Abstracts

Global Programmable Ammunition Market is valued at approximately USD 2.3 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 8.75 % over the forecast period 2023-2030. Programmable Ammunition refers to specialized projectiles or rounds that can be electronically programmed or configured to perform specific functions, such as airburst detonations or changing trajectories, enhancing their effectiveness and versatility in various military and defense applications. The Programmable Ammunition Market is expanding because of factors such as an increase in number of cyber-attacks and rising spending on military systems. Moreover, rising defense spending drives demand for advanced weaponry, including Programmable Ammunition and increased adoption in modern warfare scenarios.

Global military spending reached a total of USD 2.24 trillion in 2022, according to Statista. When it came to military spending, the United States was in first place with USD 877 billion, or over 40% of the USD 2.2 trillion global military spending for that year. Demand for Programmable Ammunition, which is necessary for thwarting threats and bolstering defence capabilities, is driven by an increase in cyberattacks. According

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to Statista in 2022, approximately 40 % of internet users worldwide reported experiencing cybercrime. Among the surveyed countries, India had the highest proportion of internet users who fell victim to cybercrime, with nearly 70 % of respondents claiming to have experienced it. The United States ranked second, with 49 % of respondents stating they had encountered internet crime. In addition, increasing technological advancements in programmable ammunition systems and rising integration of IoT devices would create lucrative growth opportunities, However, complex regulatory standards and risk associated with data breach stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Programmable Ammunition Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market over the forecast period owing to the rising geopolitical tensions and border disputes, particularly in economies such as India and China. Additionally, the increasing defense spending by government authorities across the region is increasing the market's expansion for Programmable Ammunition in the Asia Pacific region. North America is the fastest growing region over the forecast period, owing to factors such as strong defense sector and ongoing investments in advanced weaponry. Furthermore, the increasing procurement of small, medium, and large-caliber ammunition in the region is contributing to the further growth of the Programmable Ammunitions Market.

Major market player included in this report are:
Northrop Grumman Corporation
Aselsan A.?.
Rheinmetall AG
BAE Systems PLC
Reshef Technologies Ltd
Fuchs Electronics
Raytheon Technologies Corporation
Nexter Group
Leonardo S.p.A.
General Dynamics Corporation

Recent Developments in the Market:
In July 2020, The U.S. Army's Project Manager for Manoeuvre Ammunition Systems awarded a contract to Northrop Grumman Corporation to develop the 30mm XM813 Bushmaster Chain Gun's next-generation airburst cartridge. The purpose of this contract was to integrate the upgraded gun and ammunition system into the Stryker

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Brigade Combat Team fleets of the Army, increasing their combat capability.

Global Programmable Ammunition 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 – Technology, Component, Detonation Type, End-User, 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 Technology:
Cannons
Gatling guns
Machine guns
Main guns
Launchers

By Component:
Loading systems
Drive assembly
Ammunition storage units
Auxillary power units

By Detonation Type:

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Proximity detonation type
Wireless detonation type

By End-User
Naval
Airforce
Ground defense forces

By Region:

North America
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Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
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