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Global Radio-Frequency Identification (RFID) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Radio-Frequency Identification (RFID) market size was valued at USD 4134.9 million in 2023 and is forecast to a readjusted size of USD 6879 million by 2030 with a CAGR of 7.5% during review period.

Radio-Frequency Identification (RFID) are the radio waves that are utilized for reading and capturing the information that is stored on a tag attached to an object. These tags are used to store the product information electronically and also can be analyzed the object from distance. RFID can be used in manufacturing, logistics and warehousing, where keeping track of the inventory and assets is of prime importance as they found a significant improvement in the overall quality of data entry. It also facilitates to gather the location data with the help of RTLS to pinpoint an exact location and the identity of assets.

The regional analysis of Radio-Frequency Identification (RFID) market is being studied for regions such as Asia Pacific, North America, Europe and Rest of the World. Radio frequency identification provides solutions such as storage, simple management & monitoring, real-time backup recovery, data de-duplication, customer support and many others services that brings the attention to these application.

North America region accounts for the largest market share, followed by Europe and Asia-Pacific region. The study reveals that Europe region is showing a rapid growth due to its storage and tracker solution by the Radio-Frequency Identification (RFID). Asia-Pacific countries like China, Japan and India is projected to be the fastest growing region in the Radio-Frequency Identification (RFID) market due to the increasing size of

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high data generation in many countries.

The Global Info Research report includes an overview of the development of the Radio-Frequency Identification (RFID) industry chain, the market status of BFSI (Reader, Software), Animal Tracking/Agriculture (Reader, Software), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Radio-Frequency Identification (RFID).

Regionally, the report analyzes the Radio-Frequency Identification (RFID) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Radio-Frequency Identification (RFID) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Radio-Frequency Identification (RFID) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Radio-Frequency Identification (RFID) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Reader, Software).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Radio-Frequency Identification (RFID) market.

Regional Analysis: The report involves examining the Radio-Frequency Identification (RFID) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future

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projections and forecasts for the Radio-Frequency Identification (RFID) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Radio-Frequency Identification (RFID):

Company Analysis: Report covers individual Radio-Frequency Identification (RFID) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Radio-Frequency Identification (RFID) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (BFSI, Animal Tracking/Agriculture).

Technology Analysis: Report covers specific technologies relevant to Radio-Frequency Identification (RFID). It assesses the current state, advancements, and potential future developments in Radio-Frequency Identification (RFID) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Radio-Frequency Identification (RFID) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Radio-Frequency Identification (RFID) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Reader

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Software

Others

Market segment by Application

BFSI

Animal Tracking/Agriculture

Commercial

Transportation

Healthcare

Logistics and Supply Chain

Aerospace

Defense

Retail

Major players covered

NXP Semiconductors N.V (Netherlands)

Alien Technology (US)

3M Company (U.S)

ACTAtek Technology (U.S)

Axcess International(U.S)

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Impinj Inc. (US)

Ascendent ID (U.S)

Checkpointt System Inc. (U.S)

Avery Dennison Corporations (US)

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Radio-Frequency Identification (RFID) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Radio-Frequency Identification (RFID), with price, sales, revenue and global market share of Radio-Frequency Identification (RFID) from 2019 to 2024.

Chapter 3, the Radio-Frequency Identification (RFID) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Radio-Frequency Identification (RFID) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

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Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Radio-Frequency Identification (RFID) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Radio-Frequency Identification (RFID).

Chapter 14 and 15, to describe Radio-Frequency Identification (RFID) sales channel, distributors, customers, research findings and conclusion.

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