RFID Kanban Systems Market Report by Type (Single Bin RFID Kanban System, Multi-Bin RFID Kanban System), Component (RFID Box, RFID Base, RFID Shelf/Cabinet, Electronic Shelf Displays, and Others), Application (Supply Chain Inventory Management, Equipment Identification, Track and Trace Solution, and Others), and Region 2024-2032

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Report description:

The global RFID kanban systems market size reached US$ 2,034.8 Million in 2023. Looking forward, IMARC Group expects the market to reach US$ 10,697.6 Million by 2032, exhibiting a growth rate (CAGR) of 19.6% during 2024-2032.

Radio frequency identification (RFID) Kanban systems are used in industrial settings for lean inventory management, automated mapping of same orders and identifying fluctuations in demand at an early stage. RFID tags or transponders with antennas are installed on Kanban racks, which are usually identifiable by a unique number for increasing data security. This helps in precise control of the flow of goods, automating data transmission, exchanging information in real-time, and reducing manual efforts. As a result, organizations around the world are relying on RFID Kanban systems over conventional Kanban processing for higher supply security and efficient stock management.

RFID Kanban Systems Market Trends:
The escalating demand for domestic and international logistics services due to the increasing popularity of e-commerce platforms represents one of the key factors bolstering the market growth. RFID Kanban systems help manage the massive amount of data generated during warehouse and inventory management and reduce the overall delivery time. Apart from this, the rising need for streamlining medical inventory management, along with the growing risk of clinical errors in manual Kanban processing, is catalyzing the demand for RFID Kanban systems across the globe. These systems help track assets and control devices and drug

stockouts in the medication supply rooms and improve the efficiency of supply chain management in healthcare facilities. Moreover, RFID Kanban systems are gaining popularity in the automotive industry, wherein they enable flexible production and intelligent container tracking. The growing demand for automobiles, the burgeoning automotive sector, rising cases of over inventory, and increasing investments in research and development (R&D) projects are some of the other factors anticipated to present lucrative opportunities to the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global RFID kanban systems market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, component and application.

Breakup by Type:

-Single Bin RFID Kanban System
-Multi-Bin RFID Kanban System

Breakup by Component:

-RFID Box
-RFID Base
-RFID Shelf/Cabinet
-Electronic Shelf Displays
-Others

Breakup by Application:

-Supply Chain Inventory Management
-Equipment Identification
-Track and Trace Solution
-Others

Breakup by Region:

-North America
oUnited States
oCanada
-Asia-Pacific
oChina
oJapan
oIndia
oSouth Korea
oAustralia
oIndonesia
oOthers
-Europe
oGermany
oFrance
oUnited Kingdom
oItaly
oSpain
oRussia
oOthers
-Latin America

o Brazil
o Mexico
o Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Brooks Automation Inc., Datelka, Grifols S.A., Hurst Green Plastics Ltd., LogiTag Systems, MATTTEO, metraTec GmbH, Palex Medical (Bidco Palex S.L.), Pepperl+Fuchs SE, Scan Modul B.V., Wilhelm Bollhoff GmbH & Co. KG and Wurth Industrie Service GmbH & Co. KG.

Key Questions Answered in This Report

1. What was the size of the global RFID kanban systems market in 2023?
2. What is the expected growth rate of the global RFID kanban systems market during 2024-2032?
3. What has been the impact of COVID-19 on the global RFID kanban systems market?
4. What are the key factors driving the global RFID kanban systems market?
5. What is the breakup of the global RFID kanban systems market based on the component?
6. What are the key regions in the global RFID kanban systems market?
7. Who are the key players/companies in the global RFID kanban systems market?

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