

# **RFID In Pharmaceuticals Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2019-2029 Segmented By Component (RFID Tag, RFID Readers), By Type (Chipped RFID, Chipless RFID), By Application (Drug Track & Tracing Systems, Drug Quality Management, Others), By End-User (Drug Manufacturers, Hospitals & Clinics, Others), By Region and Competition, 2019-2029F**

<https://marketpublishers.com/r/R7E39DBCADDEN.html>

Date: April 2024

Pages: 180

Price: US\$ 4,900.00 (Single User License)

ID: R7E39DBCADDEN

## **Abstracts**

Global RFID In Pharmaceuticals Market was valued at USD 4.86 Billion in 2023 and is anticipated to project impressive growth in the forecast period with a CAGR of 7.52% through 2029. This is because the number of fake drugs on the market has significantly increased and so does the number of regulatory guidelines being implemented to ensure a safe drug supply. RFID stands for “Radio Frequency Identification” and is a technology where digital information encoded in an RFID tag or smart label is read by an RFID reader using radio waves. RFID is similar in that it uses radio waves to read digital information encoded in a tag or smart label. The difference between RFID and barcoding is that with barcoding, the data is read from the tag or label and stored in a database by a device.

### **Key Market Drivers**

#### **Emphasis on Anti-Counterfeiting Measures**

Fraudulent drugs are on the rise all over the world and are a major threat to public and patient health. A fake drug is a medication that has been falsified to mask its identity,

origin, or composition. It may contain fake ingredients, low active ingredient levels, or even harmful ingredients. World Health Organizations (WHO) estimates that counterfeit drugs account for as much as 10% of the global pharmaceutical market, and the problem affects both developed and developing nations. Due to the illegal nature of counterfeit drug trafficking, it's difficult to accurately estimate the extent of the problem.

According to Pharmaceutical Security Institute, as of 2020, North America had the highest number of Counterfeit medicines seizures i.e., 32% followed by Asia Pacific i.e., 23%. Fraudulent drugs can have serious side effects for patients. They can be ineffective at treating medical conditions, resulting in treatment failure or exacerbation of the disease. Some counterfeit drugs have been linked to serious side effects or even death. Falsified drugs can also damage trust in health care systems and lead to financial losses for drug companies. RFID plays a vital role in the fight against counterfeiting. RFID tags embedded with unique identifiers and are used to authenticate pharmaceutical products throughout the supply chain. These identifiers can be verified at various checkpoints, ensuring that the product is genuine and has not been tampered with. RFID allows for tracking and trace.

RFID helps the pharmaceutical industry trace the supply chain from the manufacturing facility to the pharmacy or hospital. This traceability helps detect and eliminate fake products in the supply chain. RFID tags are also used in tamper-proof packaging to protect the product from counterfeiting. If someone tries to open the packaging, an alert will be sent warning that the product is counterfeit. RFID enables real-time traceability throughout the entire supply chain. This makes it easier to detect and investigate suspicious activity or bottlenecks in the supply chain. This transparency helps in the detection and prevention of counterfeiting. Many countries have laws and regulations in place to fight against fake drugs. By providing RFID technology, pharmaceutical companies can meet these requirements, including serialization and traceability regulations. This factor will pace up the demand for Global RFID in the Pharmaceuticals Market.

### Integration with IoT and advanced Analytics

When RFID is integrated with IoT devices, pharmaceuticals and assets can be monitored in real-time. Sensors and IoT devices can collect information on parameters like temperature, humidity, and location, which can provide valuable information about product conditions and meet storage and transportation needs. Pharmaceutical companies can use RFID data combined with advanced analytics to gain insights into supply chain processes. RFID generated data can be used to identify trends, improve

inventory management, predict demand, and optimize distribution processes, resulting in increased productivity and cost savings. When combined with the Internet of Things (IoT) and sophisticated analytics, RFID allows for intelligent inventory management. You can capture, analyze, and use real-time inventory levels, expiration date and product usage to automatically replenish inventory, avoid stockouts and reduce waste.

RFID data combined with advanced analytics enables end-to-end product tracking. In case of recall or quality issues, RFID enabled systems can quickly detect affected products, simplify recall procedures, and reduce the risk of patient harm. The integration of the Internet of Things (IoT) with RFID enables remote patient monitoring of medication adherence as well as health conditions. Smart packaging that supports RFID can send notifications or reminders to the patient, improving medication adherence and improving patient engagement. Combining RFID with the Internet of Things (IoT) and advanced analytics provides pharma companies with valuable insights, operational efficiencies, and decision-making power. It allows pharma companies to manage their supply chain more proactively, improve patient safety and drive innovation in pharma operations. This factor will increase the demand for Global RFID in the Pharmaceuticals Market.

### Technological Development in RFID

In the pharmaceuticals market, some of the most significant technological developments in RFID include Smaller and More Cost-effective Tags, RFID tags have evolved over time to be smaller and more cost-efficient. This makes it easier to integrate RFID tags into pharmaceutical packaging like vials, blisters, or labels without increasing the cost or size of the package. RFID tags also provide more flexibility to track individual units or even single doses of medications; Improved Read Ranges and Performance: Read ranges and performance have improved with the development of RFID readers. This makes it possible to capture data more quickly and accurately, even in highly complex and large-scale applications like pharmaceutical warehouses or health care facilities; High-Frequency (HF) and Ultra-High Frequency (UHF) RFID, High-frequency (HF) and ultra-high frequency (UHF) radio frequency identification (RFID) technologies have become increasingly popular in the pharmaceutical sector. High frequency RFID (HF) is best suited for near-field (field-of-field) applications such as medication tracking within healthcare settings, while ultra-high-frequency (UHF) RFID (UHF) is better suited for longer-range applications such as supply chain management (SCM) and logistics operations; Combination of RFID and Sensors: In addition to RFID, sensor technologies can be integrated with RFID to capture additional information beyond identification. For instance, temperature sensors can be used to track the temperature of temperature

sensitive drugs during storage and transport to ensure product safety and regulatory compliance. A hybrid RFID solution combines barcode with RFID to leverage the power of both technologies. This allows for easy integration with legacy systems and redundancy of data capture, enhancing reliability and scalability in pharma operations. RFID-generated data can be encrypted, authenticated, and stored in secure data management systems. These innovations continue to shape RFID's use cases and capabilities in the pharma industry, impacting supply chain management (SCM), patient safety (PSS), inventory management (inventory control), and regulatory compliance (RCC). This factor will accelerate the growth of Global RFID in the Pharmaceuticals Market.

## Key Market Challenges

### Lack of Global Standardization in RFID Technology

The global demand for Radio-Frequency Identification (RFID) in the pharmaceutical sector is experiencing a decrease, primarily due to the lack of global standardization in RFID technology. The absence of a universally accepted set of standards for RFID systems in the pharmaceutical supply chain introduces challenges related to interoperability and consistency. Pharmaceutical companies operating across different regions face complexities in implementing RFID solutions that adhere to diverse regulatory requirements and technological specifications.

The lack of global standardization hampers the seamless integration of RFID technology into pharmaceutical supply chains, hindering the effectiveness of track-and-trace initiatives and serialization efforts. Without standardized protocols, the potential benefits of RFID, such as enhanced visibility, reduced counterfeiting, and improved inventory management, are compromised. This in turn is expected to slow down the growth of global RFID in pharmaceuticals market.

### High Implementation Cost

The global demand for Radio-Frequency Identification (RFID) in the pharmaceutical industry is facing a decline, predominantly due to the high implementation costs associated with RFID technology. While RFID offers significant advantages such as enhanced visibility, improved traceability, and better inventory management, the initial investment required for implementing RFID systems can be prohibitive for many pharmaceutical companies. The costs involve not only the acquisition of RFID tags and readers but also the integration of RFID technology into existing infrastructure, training

personnel, and ensuring compliance with regulatory standards.

The high implementation costs create a barrier for widespread adoption, particularly for smaller pharmaceutical enterprises with limited financial resources. Companies may be hesitant to invest in RFID technology, impacting the scalability and accessibility of RFID solutions across the pharmaceutical supply chain.

## Key Market Trends

### Increased Demand for Serialization

The global demand for Radio-Frequency Identification (RFID) in the pharmaceutical industry is experiencing a substantial uptick, driven by the increased demand for serialization. Serialization, a process involving the unique identification and tracking of individual pharmaceutical products, has become a regulatory requirement in many regions to ensure supply chain security and combat counterfeit drugs. RFID technology plays a crucial role in facilitating efficient and accurate serialization by providing real-time tracking, traceability, and authentication of pharmaceutical products throughout the supply chain.

The heightened demand for serialization in the pharmaceutical sector, propelled by regulatory compliance and a growing focus on patient safety, has led to an increased adoption of RFID technology. RFID tags, with their ability to store and transmit unique product information, enable pharmaceutical companies to seamlessly integrate serialization into their operations. This results in enhanced visibility, reduced risk of counterfeit drugs, and improved overall supply chain efficiency. The global market response underscores the pharmaceutical industry's recognition of RFID technology as a key enabler for serialization compliance. As serialization requirements continue to evolve, the demand for RFID in the pharmaceutical sector is poised to expand, marking a transformative phase where technology-driven solutions play a pivotal role in ensuring the integrity and security of pharmaceutical products on a global scale.

### Emerging Applications

Beyond supply chain management and counterfeit prevention, RFID technology is being explored for other applications in the pharmaceutical industry. For example, some companies are using RFID-enabled smart packaging to improve medication adherence and patient engagement. RFID enabled smart packaging can deliver personalized medication information to the patients at point of use. By scanning the RFID tag on the

packaging with a smartphone or RFID reader, patients can access details such as dosage instructions, drug interactions, potential side-effects, expiration dates, etc. This in turn is expected to create lucrative opportunities for the growth of global RFID in Pharmaceuticals Market.

## Segmental Insights

### Component Insights

Based on the component, in the global RFID (Radio Frequency Identification) in pharmaceuticals market, RFID tags are currently dominating. These tags play a crucial role in tracking and tracing pharmaceutical products, ensuring that they are authentic, safe, and properly distributed. The increasing demand for safety and authenticity in pharmaceutical products is a significant factor contributing to the dominance of RFID tags. RFID tags are currently dominating the global RFID (Radio Frequency Identification) in pharmaceuticals market primarily due to their versatility, reliability, and widespread adoption across various stages of the pharmaceutical supply chain. These tags play a crucial role in tracking and tracing pharmaceutical products from manufacturing facilities to distribution centers, pharmacies, and ultimately to patients.

Furthermore, RFID tags offer advantages such as durability, long read-range capabilities, and compatibility with existing packaging formats, making them suitable for integration into various types of pharmaceutical packaging, including vials, bottles, cartons, and pallets. Their non-line-of-sight functionality and ability to withstand harsh environmental conditions further contribute to their widespread adoption in the pharmaceutical industry. Additionally, ongoing advancements in RFID technology, including the development of smaller, more cost-effective tags, improved data encryption, and enhanced software solutions, are expected to further solidify the dominance of RFID tags in the global pharmaceuticals market. Overall, the combination of these factors positions RFID tags as the preferred component in RFID solutions for pharmaceutical applications.

### Type Insights

Based on the type of segment, the global RFID (Radio Frequency Identification) in Pharmaceuticals market sees a significant contribution from both Chipped and Chipless RFID technologies. Chipped RFID currently dominates the market due to its superior data storage capacity and established presence. These chips can hold a larger amount of information, allowing for more detailed tracking and authentication of pharmaceutical

products. This helps in enhancing supply chain efficiency and combating counterfeit drugs, making it a preferred choice for many organizations in the pharmaceutical industry.

## Regional Insights

North America holds a dominant position in the global RFID (Radio-frequency identification) in Pharmaceuticals Market. This dominance can be attributed to the region's advanced healthcare infrastructure, prominent pharmaceutical companies, and stringent regulations concerning drug safety and traceability. Additionally, the significant investment in new technologies for healthcare logistics also contributes to North America's significant market share.

Furthermore, North America's large consumer base, coupled with a high demand for prescription drugs, biologics, and medical devices, creates significant opportunities for RFID technology adoption across the pharmaceutical supply chain. RFID systems enable pharmaceutical companies to improve inventory management, reduce counterfeit drugs, and enhance patient safety through accurate product identification and serialization. Additionally, North America benefits from a robust technological ecosystem, with numerous RFID solution providers, research institutions, and industry collaborations driving innovation and driving market growth. Overall, the combination of a mature pharmaceutical industry, regulatory mandates, market demand, and technological advancements positions North America as a dominant player in the global RFID in Pharmaceuticals Market.

## Key Market Players

Zebra Technologies Corp.

CCL Healthcare (CCL Industries Inc.)

Fresenius Kabi AG

Avery Dennison Corporation

Impinj Inc.

Bluesight, Inc.

Terso Solutions Inc.

GAO RFID Inc.

Tageos SASU

Alien Technology, Corp.

Report Scope:

In this report, the Global RFID In Pharmaceuticals Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

RFID In Pharmaceuticals Market,By Component:

oRFID Tag

oRFID Readers

RFID In Pharmaceuticals Market,By Type:

oChipped RFID

oChipless RFID

RFID In Pharmaceuticals Market,By Application:

oDrug Track Tracing Systems

oDrug Quality Management

oOthers

RFID In Pharmaceuticals Market,By End User:

oDrug Manufacturers

oHospitals Clinics



oOthers

RFID In Pharmaceuticals Market, By Region:

oNorth America

United States

Canada

Mexico

oEurope

France

United Kingdom

Italy

Germany

Spain

oAsia-Pacific

China

India

Japan

Australia

South Korea

## oSouth America

Brazil

Argentina

Colombia

## oMiddle East Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

**Company Profiles:** Detailed analysis of the major companies present in the Global RFID In Pharmaceuticals Market.

### Available Customizations:

Global RFID In Pharmaceuticals market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

### Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### **1.PRODUCT OVERVIEW**

- 1.1.Market Definition
- 1.2.Scope of the Market
  - 1.2.1.Markets Covered
  - 1.2.2.Years Considered for Study
  - 1.2.3.Key Market Segmentations

### **2.RESEARCH METHODOLOGY**

- 2.1.Objective of the Study
- 2.2.Baseline Methodology
- 2.3.Key Industry Partners
- 2.4.Major Association and Secondary Sources
- 2.5.Forecasting Methodology
- 2.6.Data Triangulation Validations
- 2.7.Assumptions and Limitations

### **3.EXECUTIVE SUMMARY**

- 3.1.Overview of the Market
- 3.2.Overview of Key Market Segmentations
- 3.3.Overview of Key Market Players
- 3.4.Overview of Key Regions/Countries
- 3.5.Overview of Market Drivers, Challenges, Trends

### **4.VOICE OF CUSTOMER**

### **5.GLOBAL RFID IN PHARMACEUTICALS MARKET OUTLOOK**

- 5.1.Market Size Forecast
  - 5.1.1.By Value
- 5.2.Market Share Forecast
  - 5.2.1.By Component (RFID Tag, RFID Readers)
  - 5.2.2.By Type (Chipped RFID, Chipless RFID)
  - 5.2.3.By Application (Drug Track Tracing Systems, Drug Quality Management, others)
  - 5.2.4.By End User (Drug Manufacturers, Hospitals Clinics, others)

- 5.2.5.By Region
- 5.2.6.By Company (2023)
- 5.3.Market Map

## **6.NORTH AMERICA RFID IN PHARMACEUTICALS MARKET OUTLOOK**

- 6.1.Market Size Forecast
  - 6.1.1.By Value
- 6.2.Market Share Forecast
  - 6.2.1.By Component
  - 6.2.2.By Type
  - 6.2.3.By Application
  - 6.2.4.By End User
  - 6.2.5.By Country
- 6.3.North America: Country Analysis
  - 6.3.1.United States RFID In Pharmaceuticals Market Outlook
    - 6.3.1.1.Market Size Forecast
      - 6.3.1.1.1.By Value
    - 6.3.1.2.Market Share Forecast
      - 6.3.1.2.1.By Component
      - 6.3.1.2.2.By Type
      - 6.3.1.2.3.By Application
      - 6.3.1.2.4.By End User
  - 6.3.2.Canada RFID In Pharmaceuticals Market Outlook
    - 6.3.2.1.Market Size Forecast
      - 6.3.2.1.1.By Value
    - 6.3.2.2.Market Share Forecast
      - 6.3.2.2.1.By Component
      - 6.3.2.2.2.By Type
      - 6.3.2.2.3.By Application
      - 6.3.2.2.4.By End User
  - 6.3.3.Mexico RFID In Pharmaceuticals Market Outlook
    - 6.3.3.1.Market Size Forecast
      - 6.3.3.1.1.By Value
    - 6.3.3.2.Market Share Forecast
      - 6.3.3.2.1.By Component
      - 6.3.3.2.2.By Type
      - 6.3.3.2.3.By Application
      - 6.3.3.2.4.By End User

## **7.EUROPE RFID IN PHARMACEUTICALS MARKET OUTLOOK**

### 7.1.Market Size Forecast

#### 7.1.1.By Value

### 7.2.Market Share Forecast

#### 7.2.1.By Component

#### 7.2.2.By Type

#### 7.2.3.By Application

#### 7.2.4.By End User

#### 7.2.5.By Country

### 7.3.Europe: Country Analysis

#### 7.3.1.France RFID In Pharmaceuticals Market Outlook

##### 7.3.1.1.Market Size Forecast

###### 7.3.1.1.1.By Value

##### 7.3.1.2.Market Share Forecast

###### 7.3.1.2.1.By Component

###### 7.3.1.2.2.By Type

###### 7.3.1.2.3.By Application

###### 7.3.1.2.4.By End User

#### 7.3.2.Germany RFID In Pharmaceuticals Market Outlook

##### 7.3.2.1.Market Size Forecast

###### 7.3.2.1.1.By Value

##### 7.3.2.2.Market Share Forecast

###### 7.3.2.2.1.By Component

###### 7.3.2.2.2.By Type

###### 7.3.2.2.3.By Application

###### 7.3.2.2.4.By End User

#### 7.3.3.United Kingdom RFID in Pharmaceuticals Market Outlook

##### 7.3.3.1.Market Size Forecast

###### 7.3.3.1.1.By Value

##### 7.3.3.2.Market Share Forecasty

###### 7.3.3.2.1.By Component

###### 7.3.3.2.2.By Type

###### 7.3.3.2.3.By Application

###### 7.3.3.2.4.By End User

#### 7.3.4.Italy RFID In Pharmaceuticals Market Outlook

##### 7.3.4.1.Market Size Forecast

###### 7.3.4.1.1.By Value

#### 7.3.4.2. Market Share Forecast

##### 7.3.4.2.1. By Component

##### 7.3.4.2.2. By Type

##### 7.3.4.2.3. By Application

##### 7.3.4.2.4. By End User

#### 7.3.5. Spain RFID In Pharmaceuticals Market Outlook

##### 7.3.5.1. Market Size Forecast

##### 7.3.5.1.1. By Value

##### 7.3.5.2. Market Share Forecast

##### 7.3.5.2.1. By Component

##### 7.3.5.2.2. By Type

##### 7.3.5.2.3. By Application

##### 7.3.5.2.4. By End User

## **8. ASIA-PACIFIC RFID IN PHARMACEUTICALS MARKET OUTLOOK**

### 8.1. Market Size Forecast

#### 8.1.1. By Value

### 8.2. Market Share Forecast

#### 8.2.1. By Component

#### 8.2.2. By Type

#### 8.2.3. By Application

#### 8.2.4. By End User

#### 8.2.5. By Country

### 8.3. Asia-Pacific: Country Analysis

#### 8.3.1. India RFID In Pharmaceuticals Market Outlook

##### 8.3.1.1. Market Size Forecast

##### 8.3.1.1.1. By Value

##### 8.3.1.2. Market Share Forecast

##### 8.3.1.2.1. By Component

##### 8.3.1.2.2. By Type

##### 8.3.1.2.3. By Application

##### 8.3.1.2.4. By End User

#### 8.3.2. China RFID In Pharmaceuticals Market Outlook

##### 8.3.2.1. Market Size Forecast

##### 8.3.2.1.1. By Value

##### 8.3.2.2. Market Share Forecast

##### 8.3.2.2.1. By Component

##### 8.3.2.2.2. By Type

- 8.3.2.2.3.By Application
- 8.3.2.2.4.By End User
- 8.3.3.South Korea RFID in Pharmaceuticals Market Outlook
  - 8.3.3.1.Market Size Forecast
    - 8.3.3.1.1.By Value
  - 8.3.3.2.Market Share Forecast
    - 8.3.3.2.1.By Component
    - 8.3.3.2.2.By Type
    - 8.3.3.2.3.By Application
    - 8.3.3.2.4.By End User
- 8.3.4.Australia RFID In Pharmaceuticals Market Outlook
  - 8.3.4.1.Market Size Forecast
    - 8.3.4.1.1.By Value
  - 8.3.4.2.Market Share Forecast
    - 8.3.4.2.1.By Component
    - 8.3.4.2.2.By Type
    - 8.3.4.2.3.By Application
    - 8.3.4.2.4.By End User
- 8.3.5.Japan RFID In Pharmaceuticals Market Outlook
  - 8.3.5.1.Market Size Forecast
    - 8.3.5.1.1.By Value
  - 8.3.5.2.Market Share Forecast
    - 8.3.5.2.1.By Component
    - 8.3.5.2.2.By Type
    - 8.3.5.2.3.By Application
    - 8.3.5.2.4.By End User

## **9.SOUTH AMERICA RFID IN PHARMACEUTICALS MARKET OUTLOOK**

- 9.1.Market Size Forecast
  - 9.1.1.By Value
- 9.2.Market Share Forecast
  - 9.2.1.By Component
  - 9.2.2.By Type
  - 9.2.3.By Application
  - 9.2.4.By End User
  - 9.2.5.By Country
- 9.3.South America: Country Analysis
  - 9.3.1.Brazil RFID In Pharmaceuticals Market Outlook

- 9.3.1.1. Market Size Forecast
  - 9.3.1.1.1. By Value
- 9.3.1.2. Market Share Forecast
  - 9.3.1.2.1. By Component
  - 9.3.1.2.2. By Type
  - 9.3.1.2.3. By Application
  - 9.3.1.2.4. By End User
- 9.3.2. Argentina RFID In Pharmaceuticals Market Outlook
  - 9.3.2.1. Market Size Forecast
    - 9.3.2.1.1. By Value
  - 9.3.2.2. Market Share Forecast
    - 9.3.2.2.1. By Component
    - 9.3.2.2.2. By Type
    - 9.3.2.2.3. By Application
    - 9.3.2.2.4. By End User
- 9.3.3. Colombia RFID In Pharmaceuticals Market Outlook
  - 9.3.3.1. Market Size Forecast
    - 9.3.3.1.1. By Value
  - 9.3.3.2. Market Share Forecast
    - 9.3.3.2.1. By Component
    - 9.3.3.2.2. By Type
    - 9.3.3.2.3. By Application
    - 9.3.3.2.4. By End User

## **10. MIDDLE EAST AND AFRICA RFID IN PHARMACEUTICALS MARKET OUTLOOK**

- 10.1. Market Size Forecast
  - 10.1.1. By Value
- 10.2. Market Share Forecast
  - 10.2.1. By Component
  - 10.2.2. By Type
  - 10.2.3. By Application
  - 10.2.4. By End User
  - 10.2.5. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa RFID in Pharmaceuticals Market Outlook
    - 10.3.1.1. Market Size Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share Forecast



- 10.3.1.2.1.By Component
- 10.3.1.2.2.By Type
- 10.3.1.2.3.By Application
- 10.3.1.2.4.By End User
- 10.3.2.Saudi Arabia RFID in Pharmaceuticals Market Outlook
  - 10.3.2.1.Market Size Forecast
    - 10.3.2.1.1.By Value
  - 10.3.2.2.Market Share Forecast
    - 10.3.2.2.1.By Component
    - 10.3.2.2.2.By Type
    - 10.3.2.2.3.By Application
    - 10.3.2.2.4.By End User
- 10.3.3.UAE RFID In Pharmaceuticals Market Outlook
  - 10.3.3.1.Market Size Forecast
    - 10.3.3.1.1.By Value
  - 10.3.3.2.Market Share Forecast
    - 10.3.3.2.1.By Component
    - 10.3.3.2.2.By Type
    - 10.3.3.2.3.By Application
    - 10.3.3.2.4.By End User

## **11.MARKET DYNAMICS**

- 11.1.Drivers
- 11.2.Challenges

## **12.MARKET TRENDS DEVELOPMENTS**

- 12.1.Recent Development
- 12.2.Mergers Acquisitions
- 12.3.Product Launches

## **13.GLOBAL RFID IN PHARMACEUTICALS MARKET: SWOT ANALYSIS**

## **14.PORTER'S FIVE FORCES ANALYSIS**

- 14.1.Competition in the Industry
- 14.2.Potential of New Entrants
- 14.3.Power of Suppliers

14.4.Power of Customers

14.5.Threat of Substitute Products

## **15.COMPETITIVE LANDSCAPE**

15.1.Zebra Technologies Corp.

15.1.1.Business Overview

15.1.2.Company Snapshot

15.1.3.Products Services

15.1.4.Financials (As Reported)

15.1.5.Recent Developments

15.1.6.Key Personnel Details

15.1.7.SWOT Analysis

15.2.CCL Healthcare (CCL Industries Inc.)

15.3.Fresenius Kabi AG

15.4.Avery Dennison Corporation

15.5.Impinj Inc.

15.6.Bluesight, Inc.

15.7.Terso Solutions Inc.

15.8.GAO RFID Inc.

15.9.Tageos SASU

15.10.Alien Technology, Corp

## **16.STRATEGIC RECOMMENDATIONS**

## **17.ABOUT US DISCLAIMER**

## I would like to order

Product name: RFID In Pharmaceuticals Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2019-2029 Segmented By Component (RFID Tag, RFID Readers), By Type (Chipped RFID, Chipless RFID), By Application (Drug Track & Tracing Systems, Drug Quality Management, Others), By End-User (Drug Manufacturers, Hospitals & Clinics, Others), By Region and Competition, 2019-2029F

Product link: <https://marketpublishers.com/r/R7E39DBCADDEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/R7E39DBCADDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970