

# **Track and Trace Solutions Market by Product Type (Hardware Systems and Software Solutions), Technology (Barcode and RFID), Application (Serialization Solutions and Aggregation Solutions), and End User (Pharmaceutical & Biotechnology Companies, Medical Device Companies, and Others): Global Opportunity Analysis and Industry Forecast, 2020–2027**

<https://marketpublishers.com/r/T7381AE76EF6EN.html>

Date: January 2021

Pages: 288

Price: US\$ 4,473.00 (Single User License)

ID: T7381AE76EF6EN

## **Abstracts**

The global track and trace solutions market was valued at \$2,034.9 million in 2019, and is projected to reach \$6,120.8 million by 2027, registering a CAGR of 14.6% from 2020 to 2027.

Track and trace solution companies assist pharmaceutical and biotechnology companies, medical device companies, contract manufacturing organizations along with contract packaging organizations and their supply chain partners to adapt to market changes and comply with regulations on drug traceability with the integrated serialization solutions.

The growth of the global track and trace solutions market is majorly driven by rise in adoption of advanced track and trace solutions, favorable government intervention, stringent regulations and criteria for the implementation of serialization, and growth in the number of packaging-related product recalls.

On the contrary, high cost is required for implementing product identification setups (ground infrastructure). In developing countries such as China and India, government

fails to provide ground infrastructure, such as satellite for real time tracking solutions for companies. This high cost setups is sometime not feasible for low cost products, which is anticipated to restrain the market growth during the forecast period.

Depending on product type, the market is segmented into hardware systems and software solutions. The hardware systems market is further categorized into printing & marking solutions, monitoring & verification solutions, labeling solutions, and others. The software solutions market is further classified into plant manager software, line controller software, bundle tracking software, and others. The software solutions segment is expected to register the fastest CAGR during the forecast period due to its mounting adoption in biotechnology, pharmaceutical, and medical device companies to continuously manage manufacturing facilities, product lines, case, and bundle tracking, and warehousing and shipping.

On the basis of technology, the market is classified into barcode and radio-frequency identification (RFID). The RFID segment is anticipated to display considerable market outlook over the next few years owing to rise in application in the pharmaceutical & biotechnology companies and hospitals. These applications for inventory control, equipment tracking, personnel tracking, prevention of distribution of counterfeit drugs and medical devices, and out-of-bed (OOB) detection and fall detection.

On the basis of application, the market is categorized into serialization solutions and aggregation solutions. By end user, the global track and trace solutions market is classified into pharmaceutical & biotechnology companies, medical device companies, and others.

On a regional level, the track and trace solutions market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. The North American market had witnessed supremacy in terms of revenue in 2019 attributed to the presence of highly regulated serialization and aggregation standards, advanced healthcare infrastructure as well as the domicile of key industry participants, including, Zebra Technologies Corporation, METTLER TOLEDO International Inc., TraceLink Inc., and OPTEL GROUP.

Competitive rivalry in the global track and trace solutions market was observed at high level as major players have focused on the adoption of growth strategies such as, product launches, mergers and acquisitions (M&As), product developments, and partnerships and collaborations to attain strong position in the competitive market. Key players operating in the global track and trace solutions market include METTLER TOLEDO International Inc., Axway Software SA, TraceLink Inc., OPTEL GROUP,

Adents International, Siemens AG, Seidenader Vision GmbH, Zebra Technologies Corporation, Robert Bosch GmbH, and Uhlmann Group. For instance, in July 2019, TraceLink Inc. collaborated with Excellis Health Solutions in order to provide local implementation services for TraceLink's Russia compliance solution. This initiative will enable the company to increase its share in the regional market.

## KEY BENEFITS FOR STAKEHOLDERS

The study provides an in-depth analysis of the global track and trace solutions market size along with the current trends and future estimations to elucidate the imminent investment pockets

It offers market analysis from 2020 to 2027, which is expected to enable the stakeholders to capitalize on the prevailing opportunities in the market

A comprehensive analysis on region assists to understand the regional market and facilitate the strategic business planning and determine prevailing opportunities

The profiles and growth strategies of the key players are thoroughly analyzed to understand the competitive outlook of the global track and trace solutions market growth

## KEY MARKET SEGMENTS

### By Product Type

Hardware Systems

Printing and Marking Solutions

Monitoring and Verification Solutions

Labeling Solutions

Others

Software Solutions

Plant Manager Software

Line Controller Software

Bundle Tracking Software

Others

By Technology

Barcode

RFID

By Application

Serialization Solutions

Bottle Serialization

Label Serialization

Carton Serialization

Data Matrix Serialization

Aggregation Solutions

Bundle Aggregation

Case Aggregation

Pallet Aggregation

## By End User

Pharmaceutical & Biotechnology Companies

Medical Device Companies

Others

## By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

List of key players profiled in the report

METTLER TOLEDO International Inc.

Axway Software SA

TraceLink Inc.

OPTEL GROUP

Adents International

Siemens AG

Seidenader Vision GmbH

Zebra Technologies Corporation

Robert Bosch GmbH

Uhlmann Group

List of other players in the value chain (profiles not included in the report):

ANTARES VISION S.p.A.

SEA VISION S.r.l.

K?rber AG

ACG Worldwide

rfxcel Corporation

## Contents

### CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key benefits for stakeholders
- 1.3.Key market segments
- 1.4.Research methodology
  - 1.4.2.Primary research
  - 1.4.3.Analyst tools and models

### CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO perspective

### CHAPTER 3:MARKET LANDSCAPE

- 3.1.Market definition and scope
- 3.2.Key findings
  - 3.2.1.Top investment pockets
  - 3.2.2.Top winning strategies
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning, 2019
- 3.5.Market dynamics
  - 3.5.1.Drivers
    - 3.5.1.1.Rise in adoption of advanced track and trace solutions
    - 3.5.1.2.Favorable government intervention
    - 3.5.1.3.Stringent regulations & criteria for the implementation of serialization
  - 3.5.2.Restraint
    - 3.5.2.1.High cost of infrastructure setup
  - 3.5.3.Opportunity
    - 3.5.3.1.Technological advancement in track and trace solutions
  - 3.5.4.Impact analysis
- 3.6.Data on competitive opportunities and barriers to entry (logistic, regulatory, complexity)
- 3.7.Estimated number of pharmaceutical production/manufacturing sites from major geographies (North America, Europe, APAC, and LAMEA)
- 3.8.Global track and trace solutions hardware market volume, by region, 2019



## **CHAPTER 4:GLOBAL TRACK AND TRACE SOLUTIONS MARKET,**

### **BY PRODUCT TYPE**

#### **4.1.Overview**

##### **4.1.1.Market size and forecast**

#### **4.2.Hardware systems**

##### **4.2.1.Market size and forecast**

##### **4.2.2.Printing and Marking Solutions**

##### **4.2.3.Monitoring and Verification Solutions**

##### **4.2.4.Labeling Solutions**

##### **4.2.5.Others**

#### **4.3.Software Solutions**

##### **4.3.1.Market size and forecast**

##### **4.3.2.Plant Manager Software**

##### **4.3.3.Line Controller Software**

##### **4.3.4.Bundle Tracking Software**

##### **4.3.5.Others**

## **CHAPTER 5:GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY**

#### **5.1.Overview**

##### **5.1.1.Market size and forecast**

#### **5.2.Barcode**

#### **5.3.RFID**

## **CHAPTER 6:GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION**

#### **6.1.Overview**

##### **6.1.1.Market size and forecast**

#### **6.2.Serialization solutions**

##### **6.2.1.Market size and forecast**

##### **6.2.2.Bottle Serialization**

##### **6.2.3.Label Serialization**

##### **6.2.4.Carton Serialization**

##### **6.2.5.Data Matrix Serialization**

#### **6.3.Aggregation solutions**

6.3.1.Market size and forecast

6.3.2.Bundle Aggregation

6.3.3.Case Aggregation

6.3.4.Pallet Aggregation

## **CHAPTER 7:GLOBAL TRACK AND TRACE SOLUTIONS MARKET,**

### **BY END USER**

#### **7.1.Overview**

7.1.1.Market size and forecast

#### **7.2.Pharmaceutical & biotechnology companies**

#### **7.3.Medical device companies**

#### **7.4.Others**

## **CHAPTER 8:GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY REGION**

### **8.1.Overview**

8.1.1.Market size and forecast

### **8.2.North America**

8.2.1.Market size and forecast, by product type

8.2.1.1.Market size and forecast, by hardware systems

8.2.1.2.Market size and forecast, by software solutions

8.2.2.Market size and forecast, by technology

8.2.3.Market size and forecast, by application

8.2.3.1.Market size and forecast, by serialization solutions

8.2.3.2.Market size and forecast, by aggregation solutions

8.2.4.Market size and forecast, by end user

8.2.5.Market size and forecast, by country

8.2.6.U.S.

8.2.6.1.Market size and forecast, by product type

8.2.6.1.1.Market size and forecast, by hardware systems

8.2.6.1.2.Market size and forecast, by software solutions

8.2.6.2.Market size and forecast, by technology

8.2.6.3.Market size and forecast, by application

8.2.6.3.1.Market size and forecast, by serialization solutions

8.2.6.3.2.Market size and forecast, by aggregation solutions

8.2.6.4.Market size and forecast, by end user

8.2.7.Canada

8.2.7.1.Market size and forecast, by product type

8.2.7.1.1. Market size and forecast, by hardware systems

8.2.7.1.2. Market size and forecast, by software solutions

8.2.7.2. Market size and forecast, by technology

8.2.7.3. Market size and forecast, by application

8.2.7.3.1. Market size and forecast, by serialization solutions

8.2.7.3.2. Market size and forecast, by aggregation solutions

8.2.7.4. Market size and forecast, by end user

8.2.8. Mexico

8.2.8.1. Market size and forecast, by product type

8.2.8.1.1. Market size and forecast, by hardware systems

8.2.8.1.2. Market size and forecast, by software solutions

8.2.8.2. Market size and forecast, by technology

8.2.8.3. Market size and forecast, by application

8.2.8.3.1. Market size and forecast, by serialization solutions

8.2.8.3.2. Market size and forecast, by aggregation solutions

8.2.8.4. Market size and forecast, by end user

8.3. Europe

8.3.1. Market size and forecast, by product type

8.3.1.1. Market size and forecast, by hardware systems

8.3.1.2. Market size and forecast, by software solutions

8.3.2. Market size and forecast, by technology

8.3.3. Market size and forecast, by application

8.3.3.1. Market size and forecast, by serialization solutions

8.3.3.2. Market size and forecast, by aggregation solutions

8.3.4. Market size and forecast, by end user

8.3.5. Market size and forecast, by country

8.3.6. Germany

8.3.6.1. Market size and forecast, by product type

8.3.6.1.1. Market size and forecast, by hardware systems

8.3.6.1.2. Market size and forecast, by software solutions

8.3.6.2. Market size and forecast, by technology

8.3.6.3. Market size and forecast, by application

8.3.6.3.1. Market size and forecast, by serialization solutions

8.3.6.3.2. Market size and forecast, by aggregation solutions

8.3.6.4. Market size and forecast, by end user

8.3.7. France

8.3.7.1. Market size and forecast, by product type

8.3.7.1.1. Market size and forecast, by hardware systems

8.3.7.1.2. Market size and forecast, by software solutions

8.3.7.2.Market size and forecast, by technology

8.3.7.3.Market size and forecast, by application

8.3.7.3.1.Market size and forecast, by serialization solutions

8.3.7.3.2.Market size and forecast, by aggregation solutions

8.3.7.4.Market size and forecast, by end user

8.3.8.UK

8.3.8.1.Market size and forecast, by product type

8.3.8.1.1.Market size and forecast, by hardware systems

8.3.8.1.2.Market size and forecast, by software solutions

8.3.8.2.Market size and forecast, by technology

8.3.8.3.Market size and forecast, by application

8.3.8.3.1.Market size and forecast, by serialization solutions

8.3.8.3.2.Market size and forecast, by aggregation solutions

8.3.8.4.Market size and forecast, by end user

8.3.9.Italy

8.3.9.1.Market size and forecast, by product type

8.3.9.1.1.Market size and forecast, by hardware systems

8.3.9.1.2.Market size and forecast, by software solutions

8.3.9.2.Market size and forecast, by technology

8.3.9.3.Market size and forecast, by application

8.3.9.3.1.Market size and forecast, by serialization solutions

8.3.9.3.2.Market size and forecast, by aggregation solutions

8.3.9.4.Market size and forecast, by end user

8.3.10.Spain

8.3.10.1.Market size and forecast, by product type

8.3.10.1.1.Market size and forecast, by hardware systems

8.3.10.1.2.Market size and forecast, by software solutions

8.3.10.2.Market size and forecast, by technology

8.3.10.3.Market size and forecast, by application

8.3.10.3.1.Market size and forecast, by serialization solutions

8.3.10.3.2.Market size and forecast, by aggregation solutions

8.3.10.4.Market size and forecast, by end user

8.3.11.Rest of Europe

8.3.11.1.Market size and forecast, by product type

8.3.11.1.1.Market size and forecast, by hardware systems

8.3.11.1.2.Market size and forecast, by software solutions

8.3.11.2.Market size and forecast, by technology

8.3.11.3.Market size and forecast, by application

8.3.11.3.1.Market size and forecast, by serialization solutions

8.3.11.3.2.Market size and forecast, by aggregation solutions

8.3.11.4.Market size and forecast, by end user

## 8.1.Asia-Pacific

8.1.1.Market size and forecast, by product type

8.1.1.1.Market size and forecast, by hardware systems

8.1.1.2.Market size and forecast, by software solutions

8.1.2.Market size and forecast, by technology

8.1.3.Market size and forecast, by application

8.1.3.1.Market size and forecast, by serialization solutions

8.1.3.2.Market size and forecast, by aggregation solutions

8.1.4.Market size and forecast, by end user

8.1.5.Market size and forecast, by country

## 8.1.6.Japan

8.1.6.1.Market size and forecast, by product type

8.1.6.1.1.Market size and forecast, by hardware systems

8.1.6.1.2.Market size and forecast, by software solutions

8.1.6.2.Market size and forecast, by technology

8.1.6.3.Market size and forecast, by application

8.1.6.3.1.Market size and forecast, by serialization solutions

8.1.6.3.2.Market size and forecast, by aggregation solutions

8.1.6.4.Market size and forecast, by end user

## 8.1.7.China

8.1.7.1.Market size and forecast, by product type

8.1.7.1.1.Market size and forecast, by hardware systems

8.1.7.1.2.Market size and forecast, by software solutions

8.1.7.2.Market size and forecast, by technology

8.1.7.3.Market size and forecast, by application

8.1.7.3.1.Market size and forecast, by serialization solutions

8.1.7.3.2.Market size and forecast, by aggregation solutions

8.1.7.4.Market size and forecast, by end user

## 8.1.8.Australia

8.1.8.1.Market size and forecast, by product type

8.1.8.1.1.Market size and forecast, by hardware systems

8.1.8.1.2.Market size and forecast, by software solutions

8.1.8.2.Market size and forecast, by technology

8.1.8.3.Market size and forecast, by application

8.1.8.3.1.Market size and forecast, by serialization solutions

8.1.8.3.2.Market size and forecast, by aggregation solutions

8.1.8.4.Market size and forecast, by end user

#### 8.1.9.India

##### 8.1.9.1.Market size and forecast, by product type

###### 8.1.9.1.1.Market size and forecast, by hardware systems

###### 8.1.9.1.2.Market size and forecast, by software solutions

##### 8.1.9.2.Market size and forecast, by technology

##### 8.1.9.3.Market size and forecast, by application

###### 8.1.9.3.1.Market size and forecast, by serialization solutions

###### 8.1.9.3.2.Market size and forecast, by aggregation solutions

##### 8.1.9.4.Market size and forecast, by end user

#### 8.1.10.South Korea

##### 8.1.10.1.Market size and forecast, by product type

###### 8.1.10.1.1.Market size and forecast, by hardware systems

###### 8.1.10.1.2.Market size and forecast, by software solutions

##### 8.1.10.2.Market size and forecast, by technology

##### 8.1.10.3.Market size and forecast, by application

###### 8.1.10.3.1.Market size and forecast, by serialization solutions

###### 8.1.10.3.2.Market size and forecast, by aggregation solutions

##### 8.1.10.4.Market size and forecast, by end user

#### 8.1.11.Rest of Asia-Pacific

##### 8.1.11.1.Market size and forecast, by product type

###### 8.1.11.1.1.Market size and forecast, by hardware systems

###### 8.1.11.1.2.Market size and forecast, by software solutions

##### 8.1.11.2.Market size and forecast, by technology

##### 8.1.11.3.Market size and forecast, by application

###### 8.1.11.3.1.Market size and forecast, by serialization solutions

###### 8.1.11.3.2.Market size and forecast, by aggregation solutions

##### 8.1.11.4.Market size and forecast, by end user

#### 8.2.LAMEA

##### 8.2.1.Market size and forecast, by product type

###### 8.2.1.1.Market size and forecast, by hardware systems

###### 8.2.1.2.Market size and forecast, by software solutions

##### 8.2.2.Market size and forecast, by technology

##### 8.2.3.Market size and forecast, by application

###### 8.2.3.1.Market size and forecast, by serialization solutions

###### 8.2.3.2.Market size and forecast, by aggregation solutions

##### 8.2.4.Market size and forecast, by end user

##### 8.2.5.Market size and forecast, by country

##### 8.2.6.Brazil

###### 8.2.6.1.Market size and forecast, by product type



- 8.2.6.1.1. Market size and forecast, by hardware systems
- 8.2.6.1.2. Market size and forecast, by software solutions
- 8.2.6.2. Market size and forecast, by technology
- 8.2.6.3. Market size and forecast, by application
  - 8.2.6.3.1. Market size and forecast, by serialization solutions
  - 8.2.6.3.2. Market size and forecast, by aggregation solutions
- 8.2.6.4. Market size and forecast, by end user
- 8.2.7. Saudi Arabia
  - 8.2.7.1. Market size and forecast, by product type
    - 8.2.7.1.1. Market size and forecast, by hardware systems
    - 8.2.7.1.2. Market size and forecast, by software solutions
  - 8.2.7.2. Market size and forecast, by technology
  - 8.2.7.3. Market size and forecast, by application
    - 8.2.7.3.1. Market size and forecast, by serialization solutions
    - 8.2.7.3.2. Market size and forecast, by aggregation solutions
  - 8.2.7.4. Market size and forecast, by end user
- 8.2.8. South Africa
  - 8.2.8.1. Market size and forecast, by product type
    - 8.2.8.1.1. Market size and forecast, by hardware systems
    - 8.2.8.1.2. Market size and forecast, by software solutions
  - 8.2.8.2. Market size and forecast, by technology
  - 8.2.8.3. Market size and forecast, by application
    - 8.2.8.3.1. Market size and forecast, by serialization solutions
    - 8.2.8.3.2. Market size and forecast, by aggregation solutions
  - 8.2.8.4. Market size and forecast, by end user
- 8.2.9. Rest of LAMEA
  - 8.2.9.1. Market size and forecast, by product type
    - 8.2.9.1.1. Market size and forecast, by hardware systems
    - 8.2.9.1.2. Market size and forecast, by software solutions
  - 8.2.9.2. Market size and forecast, by technology
  - 8.2.9.3. Market size and forecast, by application
    - 8.2.9.3.1. Market size and forecast, by serialization solutions
    - 8.2.9.3.2. Market size and forecast, by aggregation solutions
  - 8.2.9.4. Market size and forecast, by end user

## **CHAPTER 9: COMPANY PROFILES**

### **9.1. ADENTS INTERNATIONAL**

#### **9.1.1. Company overview**

- 9.1.2.Company snapshot
- 9.1.3.Operating business segments
- 9.1.4.Product portfolio
- 9.1.5.Key strategic moves and developments
- 9.2.AXWAY SOFTWARE SA
  - 9.2.1.Company overview
  - 9.2.2.Company snapshot
  - 9.2.3.Operating business segments
  - 9.2.4.Product portfolio
  - 9.2.5.Business performance
- 9.3.METTLER TOLEDO INTERNATIONAL INC.
  - 9.3.1.Company overview
  - 9.3.2.Company snapshot
  - 9.3.3.Operating business segments
  - 9.3.4.Product portfolio
  - 9.3.5.Business performance
- 9.4.OPTTEL GROUP
  - 9.4.1.Company overview
  - 9.4.2.Company snapshot
  - 9.4.3.Operating business segments
  - 9.4.4.Product portfolio
- 9.5.ROBERT BOSCH GmbH
  - 9.5.1.Company overview
  - 9.5.2.Company snapshot
  - 9.5.3.Operating business segments
  - 9.5.4.Product portfolio
  - 9.5.5.Business performance.
- 9.6.SIEMENS AG
  - 9.6.1.Company overview
  - 9.6.2.Company snapshot
  - 9.6.3.Operating business segments
  - 9.6.4.Product portfolio
  - 9.6.5.Business performance
- 9.7.SEIDENADER MASCHINENBAU GmbH.
  - 9.7.1.Company overview
  - 9.7.2.Company snapshot
  - 9.7.3.Operating business segments
  - 9.7.4.Product portfolio
- 9.8.TRACELINK INC.



9.8.1.Company overview

9.8.2.Company snapshot

9.8.3.Operating business segments

9.8.4.Product portfolio

#### 9.9.UHLMANN GROUP

9.9.1.Company overview

9.9.2.Company snapshot

9.9.3.Operating business segments

9.9.4.Product portfolio

#### 9.10.ZEBRA TECHNOLOGIES CORPORATION

9.10.1.Company overview

9.10.2.Company snapshot

9.10.3.Operating business segments

9.10.4.Product portfolio

9.10.5.Business performance

9.10.6.Key strategic moves and developments

## List Of Tables

### LIST OF TABLES

TABLE 01.GLOBAL TRACK AND TRACE SOLUTIONS HARDWARE MARKET VOLUME, BY REGION, 2019 (UNITS)

TABLE 02.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE, 2019–2027 (\$MILLION)

TABLE 03.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE SYSTEMS, 2019-2027, (\$MILLION)

TABLE 04.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 05.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019–2027 (\$MILLION)

TABLE 06.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 07.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 08.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 09.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019–2027 (\$MILLION)

TABLE 10.GLOBAL TRACK AND TRACE SOLUTIONS MARKET, BY REGION, 2019–2027 (\$MILLION)

TABLE 11.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE, 2019-2027, (\$MILLION)

TABLE 12.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE SYSTEMS, 2019-2027, (\$MILLION)

TABLE 13.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 14.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019-2027, (\$MILLION)

TABLE 15.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION, 2019-2027, (\$MILLION)

TABLE 16.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY

SERIALIZATION SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 17.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY  
AGGREGATION SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 18.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY END  
USER, 2019-2027, (\$MILLION)

TABLE 19.NORTH AMERICA TRACK AND TRACE SOLUTIONS MARKET, BY  
COUNTRY, 2019-2027, (\$MILLION)

TABLE 20.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE,  
2019-2027, (\$MILLION)

TABLE 21.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 22.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 23.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 24.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 25.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 26.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 27.U.S. TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 28.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT  
TYPE, 2019-2027, (\$MILLION)

TABLE 29.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 30.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 31.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 32.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 33.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 34.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION

SOLUTIONS,

2019-2027, (\$MILLION)

TABLE 35.CANADA TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 36.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT  
TYPE, 2019-2027, (\$MILLION)

TABLE 37.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 38.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 39.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 40.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 41.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS,

2019-2027, (\$MILLION)

TABLE 42.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION  
SOLUTIONS,

2019-2027, (\$MILLION)

TABLE 43.MEXICO TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 44.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT  
TYPE, 2019-2027, (\$MILLION)

TABLE 45.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 46.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 47.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 48.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 49.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS,

2019-2027, (\$MILLION)

TABLE 50.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION  
SOLUTIONS,

2019-2027, (\$MILLION)

TABLE 51.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY END USER,

2019-2027, (\$MILLION)

TABLE 52.EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY COUNTRY,  
2019-2027, (\$MILLION)

TABLE 53.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT  
TYPE, 2019-2027, (\$MILLION)

TABLE 54.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS,  
2019-2027, (\$MILLION)

TABLE 55.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 56.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY  
TECHNOLOGY, 2019-2027, (\$MILLION)

TABLE 57.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY  
APPLICATION, 2019-2027, (\$MILLION)

TABLE 58.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY  
SERIALIZATION SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 59.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY  
AGGREGATION SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 60.GERMANY TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 61.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT  
TYPE, 2019-2027, (\$MILLION)

TABLE 62.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 63.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 64.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 65.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 66.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 67.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION  
SOLUTIONS,  
2019-2027, (\$MILLION)

TABLE 68.FRANCE TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 69.UK TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE,  
2019-2027, (\$MILLION)

TABLE 70.UK TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 71.UK TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 72.UK TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 73.UK TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 74.UK TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 75.UK TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 76.UK TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 77.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE,  
2019-2027, (\$MILLION)

TABLE 78.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 79.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 80.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY,  
2019-2027, (\$MILLION)

TABLE 81.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION,  
2019-2027, (\$MILLION)

TABLE 82.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 83.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 84.ITALY TRACK AND TRACE SOLUTIONS MARKET, BY END USER,  
2019-2027, (\$MILLION)

TABLE 85.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE,  
2019-2027, (\$MILLION)

TABLE 86.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE  
SYSTEMS, 2019-2027, (\$MILLION)

TABLE 87.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE

SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 88.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019-2027, (\$MILLION)

TABLE 89.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION, 2019-2027, (\$MILLION)

TABLE 90.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 91.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 92.SPAIN TRACK AND TRACE SOLUTIONS MARKET, BY END USER, 2019-2027, (\$MILLION)

TABLE 93.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE, 2019-2027, (\$MILLION)

TABLE 94.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE SYSTEMS, 2019-2027, (\$MILLION)

TABLE 95.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 96.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019-2027, (\$MILLION)

TABLE 97.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION, 2019-2027, (\$MILLION)

TABLE 98.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 99.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 100.REST OF EUROPE TRACK AND TRACE SOLUTIONS MARKET, BY END USER, 2019-2027, (\$MILLION)

TABLE 101.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE, 2019-2027, (\$MILLION)

TABLE 102.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE SYSTEMS, 2019-2027, (\$MILLION)



TABLE 103.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 104.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019-2027, (\$MILLION)

TABLE 105.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION, 2019-2027, (\$MILLION)

TABLE 106.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 107.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 108.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY END USER, 2019-2027, (\$MILLION)

TABLE 109.ASIA-PACIFIC TRACK AND TRACE SOLUTIONS MARKET, BY COUNTRY, 2019-2027, (\$MILLION)

TABLE 110.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE, 2019-2027, (\$MILLION)

TABLE 111.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE SYSTEMS, 2019-2027, (\$MILLION)

TABLE 112.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 113.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY TECHNOLOGY, 2019-2027, (\$MILLION)

TABLE 114.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY APPLICATION, 2019-2027, (\$MILLION)

TABLE 115.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY SERIALIZATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 116.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY AGGREGATION SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 117.JAPAN TRACK AND TRACE SOLUTIONS MARKET, BY END USER, 2019-2027, (\$MILLION)

TABLE 118.CHINA TRACK AND TRACE SOLUTIONS MARKET, BY PRODUCT TYPE, 2019-2027, (\$MILLION)

TABLE 119.CHINA TRACK AND TRACE SOLUTIONS MARKET, BY HARDWARE SYSTEMS, 2019-2027, (\$MILLION)



TABLE 120.CHINA TRACK AND TRACE SOLUTIONS MARKET, BY SOFTWARE  
SOLUTIONS, 2019-2027, (\$MILLION)

TABLE 121.CHINA TRACK AND TRACE SOLUTIONS MA

## I would like to order

Product name: Track and Trace Solutions Market by Product Type (Hardware Systems and Software Solutions), Technology (Barcode and RFID), Application (Serialization Solutions and Aggregation Solutions), and End User (Pharmaceutical & Biotechnology Companies, Medical Device Companies, and Others): Global Opportunity Analysis and Industry Forecast, 2020–2027

Product link: <https://marketpublishers.com/r/T7381AE76EF6EN.html>

Price: US\$ 4,473.00 (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/T7381AE76EF6EN.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