

Food Traceability Market Report by Technology (RFID/RTLS, Global Positioning System (GPS), Barcode, Infrared, Biometrics), Equipment (PDA with GPS, Thermal Printers, 2D and 1D Scanners, Tags and Labels, Sensors, and Others), Application (Meat and Livestock, Fresh Produce and Seeds, Dairy Products, Beverage Products, Fisheries, and Others), End User (Food Manufacturers, Warehouse/Pack Farms, Food Retailers, Government Departments, and Others), and Region 2024-2032

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Abstracts

The global food traceability market size reached US\$ 20.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 41.4 Billion by 2032, exhibiting a growth rate (CAGR) of 8.3% during 2024-2032.

Food traceability helps track the movement of a food product and its ingredients through all steps in the supply chain, forward and backward. It involves documenting and linking the production, processing, and distribution of different food products and ingredients. It helps governing authorities in product tracing during the outbreak of a foodborne illness to find the source of the product rapidly and where the contamination may have occurred. This enables faster removal of the affected product from the marketplace, thereby reducing incidences of foodborne illnesses.

Food Traceability Market Trends:

With the growing global supply chain, food safety is becoming a significant concern for

consumers and regulators. This, coupled with the increasing number of deaths on account of food contamination, represents one of the key factors bolstering the growth of the market. Moreover, food traceability is a part of an overall cost-effective quality management system that can also aid in the continuous minimization of the impact of safety hazards. It also facilitates the rapid recall of products and the determination and settlement of liabilities. Besides this, food traceability aids in building trust and increasing certainty in food processing operations. This, along with the rising requirement for transparent information about the entire food chain, supported by modern tracking and tracing methods, is fueling the growth of the market. Furthermore, there is a rise in the adoption of blockchain technologies in food traceability, which enhances the ability to validate and authenticate food origin and improves brand credibility. Additionally, they help prevent fraud, enhance the capacity to better tackle outbreaks, minimize food testing expenses, and increase margins. This is projected to drive the market in the upcoming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global food traceability market, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on technology, equipment, application and end user.

Breakup by Technology:

RFID/RTLS

Global Positioning System (GPS)

Barcode

Infrared

Biometrics

Breakup by Equipment:

PDA with GPS

Thermal Printers

2D and 1D Scanners

Tags and Labels

Sensors

Others

Breakup by Application:

Meat and Livestock
Fresh Produce and Seeds
Dairy Products
Beverage Products
Fisheries
Others

Breakup by End User:

Food Manufacturers
Warehouse/Pack Farms
Food Retailers
Government Departments
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil

Mexico

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 Bar Code Integrators Inc., C.H. Robinson Worldwide Inc., Carlisle Technology, Cognex Corporation, FoodLogiQ, Honeywell International Inc., Impinj Inc., International Business Machines Corporation, MASS Group, OPTEL Group, SGS S.A. and Zebra Technologies Corporation.

Key Questions Answered in This Report

1. How big is the global food traceability market?
2. What is the expected growth rate of the global food traceability market during 2024-2032?
3. What are the key factors driving the global food traceability market?
4. What has been the impact of COVID-19 on the global food traceability market?
5. What is the breakup of the global food traceability market based on the technology?
6. What is the breakup of the global food traceability market based on the equipment?
7. What is the breakup of the global food traceability market based on the application?
8. What is the breakup of the global food traceability market based on the end user?
9. What are the key regions in the global food traceability market?
10. Who are the key players/companies in the global food traceability market?

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