

Cold Chain Tracking And Monitoring Market Outlook 2025-2034: Market Share, and Growth Analysis By System (Software, Hardware), By Solution (Storage, Transportation), By End User

<https://marketpublishers.com/r/C678E5AB190EEN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: C678E5AB190EEN

Abstracts

The Cold Chain Tracking And Monitoring Market is valued at USD 9.7 billion in 2025 and is projected to grow at a CAGR of 14.7% to reach USD 33.2 billion by 2034. The Cold Chain Tracking and Monitoring Market involves the use of technology to track and monitor the temperature and condition of perishable goods throughout the cold chain. This market is driven by the need to ensure product quality, safety, and regulatory compliance. Real-time data and alerts are crucial to prevent spoilage and maintain the integrity of temperature-sensitive products.

Key trends in this market include the integration of IoT and cloud-based solutions, the use of advanced sensor technologies, and the adoption of data analytics for predictive monitoring. Companies are also focusing on developing user-friendly and cost-effective monitoring systems. The market is witnessing a rise in demand for comprehensive tracking solutions across the pharmaceutical, food, and logistics sectors.

The Cold Chain Tracking and Monitoring Market is experiencing rapid growth, fueled by the increasing demand for transparency and efficiency in cold chain logistics. The market is characterized by a mix of technology providers, sensor manufacturers, and logistics companies.

Key Insights Cold Chain Tracking And Monitoring Market

IoT and Cloud Integration: Real-time data accessibility and enhanced connectivity.

Advanced Sensor Technologies: Accurate and reliable temperature and condition monitoring.

Data Analytics for Predictive Monitoring: Proactive risk management and optimization.

User-Friendly and Cost-Effective Systems: Broadening accessibility across industries.

Comprehensive Tracking Solutions: End-to-end visibility and control.

Product Quality and Safety: Ensuring the integrity of temperature-sensitive goods.

Regulatory Compliance: Meeting stringent standards for food and pharmaceuticals.

Real-Time Data and Alerts: Enabling immediate response to temperature deviations.

Technological Advancements: Continuous improvements in sensor and data analytics.

Supply Chain Efficiency: Reducing waste and optimizing logistics.

Data Security and Privacy: Protecting sensitive tracking and monitoring data.

System Reliability and Accuracy: Ensuring consistent and precise data capture.

Integration Complexity: Seamlessly connecting with existing logistics systems.

Cost Management: Balancing technology investments with operational budgets.

Global Infrastructure Limitations: Ensuring consistent monitoring across diverse regions.

Cold Chain Tracking And Monitoring Market Segmentation

By System

Software

Hardware

By Solution

Storage

Transportation

By End User

Healthcare And Pharmaceuticals

Food And Beverages

Chemicals

Other End Users

Key Companies Analysed

Carrier Global Corporation

Emerson Electric Co.

AmeriCold Logistics LLC

Lineage Logistics LLC

Digi International Inc.

ORBCOMM Inc.

Cryoport Inc.

Controlant AGM

Sensitech Inc.

SpotSee Holdings LLC

ELPRO-BUCHS AG

Berlinger & Co AG

Hanwell Solutions Ltd.

Tippmann Group

Cryopak Industries Inc.

Savi Technology Inc.

Rotronic AG

Maven Systems Pvt. Ltd.

Klinge Corporation

Monnit Corporation

LogTag Recorders Ltd.

Testo SE & Co. KGaA

Verigo

SecureRF Corporation

BT9 Ltd.

Zest Labs Inc.

Blulog

Gemini Data Loggers UK Ltd.

Intelleflex Corporation

Infratab Inc.

Cold Chain Tracking And Monitoring Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Cold Chain Tracking And Monitoring Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Cold Chain Tracking And Monitoring market data and outlook to 2034

United States

Canada

Mexico

Europe — Cold Chain Tracking And Monitoring market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Cold Chain Tracking And Monitoring market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Cold Chain Tracking And Monitoring market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Cold Chain Tracking And Monitoring market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Cold Chain Tracking And Monitoring value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Cold Chain Tracking And Monitoring industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Cold Chain Tracking And Monitoring Market Report

Global Cold Chain Tracking And Monitoring market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Cold Chain Tracking And Monitoring trade, costs, and supply chains

Cold Chain Tracking And Monitoring market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Cold Chain Tracking And Monitoring market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Cold Chain Tracking And Monitoring market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Cold Chain Tracking And Monitoring supply chain analysis

Cold Chain Tracking And Monitoring trade analysis, Cold Chain Tracking And Monitoring market price analysis, and Cold Chain Tracking And Monitoring supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Cold Chain Tracking And Monitoring market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL COLD CHAIN TRACKING AND MONITORING MARKET SUMMARY, 2025

- 2.1 Cold Chain Tracking And Monitoring Industry Overview
 - 2.1.1 Global Cold Chain Tracking And Monitoring Market Revenues (In US\$ billion)
- 2.2 Cold Chain Tracking And Monitoring Market Scope
- 2.3 Research Methodology

3. COLD CHAIN TRACKING AND MONITORING MARKET INSIGHTS, 2024-2034

- 3.1 Cold Chain Tracking And Monitoring Market Drivers
- 3.2 Cold Chain Tracking And Monitoring Market Restraints
- 3.3 Cold Chain Tracking And Monitoring Market Opportunities
- 3.4 Cold Chain Tracking And Monitoring Market Challenges
- 3.5 Tariff Impact on Global Cold Chain Tracking And Monitoring Supply Chain Patterns

4. COLD CHAIN TRACKING AND MONITORING MARKET ANALYTICS

- 4.1 Cold Chain Tracking And Monitoring Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Cold Chain Tracking And Monitoring Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Cold Chain Tracking And Monitoring Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Cold Chain Tracking And Monitoring Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Cold Chain Tracking And Monitoring Market
 - 4.5.1 Cold Chain Tracking And Monitoring Industry Attractiveness Index, 2025
 - 4.5.2 Cold Chain Tracking And Monitoring Supplier Intelligence
 - 4.5.3 Cold Chain Tracking And Monitoring Buyer Intelligence
 - 4.5.4 Cold Chain Tracking And Monitoring Competition Intelligence
 - 4.5.5 Cold Chain Tracking And Monitoring Product Alternatives and Substitutes

Intelligence

4.5.6 Cold Chain Tracking And Monitoring Market Entry Intelligence

5. GLOBAL COLD CHAIN TRACKING AND MONITORING MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Cold Chain Tracking And Monitoring Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Cold Chain Tracking And Monitoring Sales Outlook and CAGR Growth By System, 2024- 2034 (\$ billion)

5.2 Global Cold Chain Tracking And Monitoring Sales Outlook and CAGR Growth By Solution, 2024- 2034 (\$ billion)

5.3 Global Cold Chain Tracking And Monitoring Sales Outlook and CAGR Growth By End User, 2024- 2034 (\$ billion)

5.4 Global Cold Chain Tracking And Monitoring Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC COLD CHAIN TRACKING AND MONITORING INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Cold Chain Tracking And Monitoring Market Insights, 2025

6.2 Asia Pacific Cold Chain Tracking And Monitoring Market Revenue Forecast By System, 2024- 2034 (USD billion)

6.3 Asia Pacific Cold Chain Tracking And Monitoring Market Revenue Forecast By Solution, 2024- 2034 (USD billion)

6.4 Asia Pacific Cold Chain Tracking And Monitoring Market Revenue Forecast By End User, 2024- 2034 (USD billion)

6.5 Asia Pacific Cold Chain Tracking And Monitoring Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Cold Chain Tracking And Monitoring Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Cold Chain Tracking And Monitoring Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Cold Chain Tracking And Monitoring Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Cold Chain Tracking And Monitoring Market Size, Opportunities, Growth 2024- 2034

7. EUROPE COLD CHAIN TRACKING AND MONITORING MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Cold Chain Tracking And Monitoring Market Key Findings, 2025

7.2 Europe Cold Chain Tracking And Monitoring Market Size and Percentage Breakdown By System, 2024- 2034 (USD billion)

7.3 Europe Cold Chain Tracking And Monitoring Market Size and Percentage Breakdown By Solution, 2024- 2034 (USD billion)

7.4 Europe Cold Chain Tracking And Monitoring Market Size and Percentage Breakdown By End User, 2024- 2034 (USD billion)

7.5 Europe Cold Chain Tracking And Monitoring Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Cold Chain Tracking And Monitoring Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Cold Chain Tracking And Monitoring Market Size, Trends, Growth Outlook to 2034

7.5.2 France Cold Chain Tracking And Monitoring Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Cold Chain Tracking And Monitoring Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Cold Chain Tracking And Monitoring Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA COLD CHAIN TRACKING AND MONITORING MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Cold Chain Tracking And Monitoring Market Analysis and Outlook By System, 2024- 2034 (\$ billion)

8.3 North America Cold Chain Tracking And Monitoring Market Analysis and Outlook By Solution, 2024- 2034 (\$ billion)

8.4 North America Cold Chain Tracking And Monitoring Market Analysis and Outlook By End User, 2024- 2034 (\$ billion)

8.5 North America Cold Chain Tracking And Monitoring Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Cold Chain Tracking And Monitoring Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Cold Chain Tracking And Monitoring Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Cold Chain Tracking And Monitoring Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA COLD CHAIN TRACKING AND MONITORING MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Cold Chain Tracking And Monitoring Market Data, 2025

9.2 Latin America Cold Chain Tracking And Monitoring Market Future By System, 2024-2034 (\$ billion)

9.3 Latin America Cold Chain Tracking And Monitoring Market Future By Solution, 2024- 2034 (\$ billion)

9.4 Latin America Cold Chain Tracking And Monitoring Market Future By End User, 2024- 2034 (\$ billion)

9.5 Latin America Cold Chain Tracking And Monitoring Market Future by Country, 2024-2034 (\$ billion)

9.5.1 Brazil Cold Chain Tracking And Monitoring Market Size, Share and Opportunities to 2034

9.5.2 Argentina Cold Chain Tracking And Monitoring Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA COLD CHAIN TRACKING AND MONITORING MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Cold Chain Tracking And Monitoring Market Statistics By System, 2024- 2034 (USD billion)

10.3 Middle East Africa Cold Chain Tracking And Monitoring Market Statistics By Solution, 2024- 2034 (USD billion)

10.4 Middle East Africa Cold Chain Tracking And Monitoring Market Statistics By End User, 2024- 2034 (USD billion)

10.5 Middle East Africa Cold Chain Tracking And Monitoring Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Cold Chain Tracking And Monitoring Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Cold Chain Tracking And Monitoring Market Value, Trends, Growth Forecasts to 2034

11. COLD CHAIN TRACKING AND MONITORING MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

- 11.1 Key Companies in Cold Chain Tracking And Monitoring Industry
- 11.2 Cold Chain Tracking And Monitoring Business Overview
- 11.3 Cold Chain Tracking And Monitoring Product Portfolio Analysis
- 11.4 Financial Analysis
- 11.5 SWOT Analysis

12 APPENDIX

- 12.1 Global Cold Chain Tracking And Monitoring Market Volume (Tons)
- 12.1 Global Cold Chain Tracking And Monitoring Trade and Price Analysis
- 12.2 Cold Chain Tracking And Monitoring Parent Market and Other Relevant Analysis
- 12.3 Publisher Expertise
- 12.2 Cold Chain Tracking And Monitoring Industry Report Sources and Methodology

I would like to order

Product name: Cold Chain Tracking And Monitoring Market Outlook 2025-2034: Market Share, and Growth Analysis By System (Software, Hardware), By Solution (Storage, Transportation), By End User

Product link: <https://marketpublishers.com/r/C678E5AB190EEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C678E5AB190EEN.html>