

# **Cold Chain Monitoring Market Size, Trends, Analysis, and Outlook By Component (Hardware, Software), By Application (Food & Beverages, Pharmaceuticals, Vaccines, Blood Banking, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

Global Cold Chain Monitoring Market Size is valued at \$22.4 Billion in 2024 and is forecast to register a growth rate (CAGR) of 21.3% to reach \$105 Billion by 2032.

The cold chain monitoring market is expanding as the demand for real-time visibility and control over temperature-sensitive shipments increases. With the rise in e-commerce and online food delivery, ensuring product integrity throughout the supply chain is crucial. Innovations in IoT-based monitoring solutions are driving growth, as companies seek to enhance operational efficiency, reduce spoilage, and meet regulatory compliance standards, further enhancing the market's potential.

### **Cold Chain Monitoring Market Drivers, Trends, Opportunities, and Growth Opportunities**

The comprehensive report presents unique market trends and challenges shaping the outlook for industry stakeholders. The Future of Cold Chain Monitoring survey report provides the market size outlook across types, applications, and segments globally and regionally. It also offers data-driven insights and actionable recommendations for companies in the Cold Chain Monitoring industry.

Key market trends defining the global Cold Chain Monitoring demand in 2025 and Beyond

The Cold Chain Monitoring industry remains an attractive hub for both domestic and

global vendors. As we enter 2025, demand from end-user sectors, changes in consumption patterns, new product launches, and widening distribution channels will play major roles.

## Cold Chain Monitoring Market Segmentation- Industry Share, Market Size, and Outlook to 2032

Rising demand for diverse products and applications fuels the increased investments in niche segments. Leading companies focus on generating a large share of their future revenue growth by expanding into these niche segments. The report presents a market size outlook across segments, supporting companies scaling up production with a focus on potential countries.

### Key strategies adopted by companies within the Cold Chain Monitoring industry

Leading Cold Chain Monitoring companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions. In particular, companies that leverage advanced technologies to achieve operational excellence are set to gain significant revenues. The report details the key strategies adopted by the top 10 Cold Chain Monitoring companies.

### Cold Chain Monitoring Market Study- Strategic Analysis Review

The market research report dives deep into qualitative factors shaping the market, empowering you to make informed decisions.

- Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.
- Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.
- Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.
- Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Cold Chain Monitoring Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Cold Chain Monitoring industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. With actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three scenarios: low case, reference case, and high case.

## Cold Chain Monitoring Country Analysis and Revenue Outlook to 2032

The report analyzes 22 countries worldwide, including key driving forces and market size outlook from 2021 to 2032. Additionally, it includes region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America. For each region, the market size outlook by segments is forecast for 2032.

## North America Cold Chain Monitoring Market Size Outlook- Companies plan for focused investments in a changing environment

The US remains the market leader in North America, driven by a large consumer base, well-established providers, and strong infrastructure. Leading companies focus on new product launches in a changing environment. The US GDP is expected to grow from \$28,781.1 Billion in 2024 to \$36,621 Billion in 2030, driving demand for various Cold Chain Monitoring market segments. Similarly, strong market demand encourages Canadian Cold Chain Monitoring companies to invest in niche segments. Mexico's investment in technological advancements positions it for significant market expansion.

## Europe Cold Chain Monitoring Market Size Outlook- Companies investing in assessing consumers, categories, competitors, and capabilities.

The German Cold Chain Monitoring industry remains the major market for companies in the European Cold Chain Monitoring industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Cold Chain Monitoring market fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and addressing niche consumer segments.

## Asia Pacific Cold Chain Monitoring Market Size Outlook- an attractive hub for

opportunities for both local and global companies

The increasing pool of consumer base, robust consumption expenditure, and increasing investments in manufacturing drive the demand for Cold Chain Monitoring in Asia Pacific. In particular, China, India, and South East Asian Cold Chain Monitoring markets present a compelling outlook for 2032, attracting both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate market changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

**Latin America Cold Chain Monitoring Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to higher purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Cold Chain Monitoring Market Size Outlook-** continues its upward trajectory across segments.

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Cold Chain Monitoring market potential. Fuelled by increasing consumption expenditure of individuals and growing population drive the demand for Cold Chain Monitoring.

### Cold Chain Monitoring Company Profiles

The global Cold Chain Monitoring market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. The leading companies included in the study are Berlinger & Co. AG, Carrier, Controlant, ELPRO-BUCHS AG, Geotab Inc, Infratab Inc, Monnit Corp, ORBCOMM, Savi Technology, Zest Labs Inc.

### Recent Cold Chain Monitoring Market Developments

The global Cold Chain Monitoring market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Cold Chain Monitoring Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Component

Hardware

-Sensors

-RFID Devices

-Telematics

-Networking Devices

-Others

Software

-On-premise

-Cloud-based

By Application

Food & Beverages

Pharmaceuticals

Vaccines

Blood Banking

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Berlinger & Co. AG

Carrier

Controlant

ELPRO-BUCHS AG

Geotab Inc

Infratab Inc

Monnit Corp

ORBCOMM

Savi Technology

Zest Labs Inc

Formats Available: Excel, PDF, and PPT

## Contents

### **CHAPTER 1: EXECUTIVE SUMMARY**

- 1.1 Study Scope
- 1.2 Market Definition
- 1.3 Report Guide
  - 1.3.1 Country Coverage
  - 1.3.2 Companies Profiled
  - 1.3.3 Study Period: 2018 to 2023 and 2024 to 2032
  - 1.3.4 Units
- 1.4 Abbreviations

### **CHAPTER 2. COLD CHAIN MONITORING MARKET OVERVIEW- 2025**

- 2.1 An Introduction to the Global Cold Chain Monitoring Markets
- 2.2 Key Statistics
- 2.3 Region Benchmarking, 2024
- 2.4 Country Positioning Matrix, 2024

### **CHAPTER 3. STRATEGIC ANALYSIS REVIEW**

- 3.1 Cold Chain Monitoring Industry Stakeholders
- 3.2 Value Chain Analysis
- 3.3 Porter's Five Forces Analysis
- 3.4 SWOT Profile
- 3.5 Recent Market Developments

### **CHAPTER 4. IMPACT ANALYSIS AND SCENARIO FORECASTS**

- 4.1 Russia-Ukraine Conflict Analysis
- 4.2 COVID-19: Post Pandemic Recovery Analysis
- 4.3 US Inflation and Sluggish Growth in China
- 4.4 Focus on Sustainability
- 4.5 Low Growth Case Scenario: Global Cold Chain Monitoring Market Outlook to 2032
- 4.6 Reference Case Scenario: Global Cold Chain Monitoring Market Outlook to 2032
- 4.7 High Growth Case Scenario: Global Cold Chain Monitoring Market Outlook to 2032

### **CHAPTER 5: COLD CHAIN MONITORING MARKET DYNAMICS**

*Cold Chain Monitoring Market Size, Trends, Analysis, and Outlook By Component (Hardware, Software), By Applica...*

5.1 Key Cold Chain Monitoring Market Trends

5.2 Potential Cold Chain Monitoring Market Opportunities

5.3 Key Market Challenges

## **CHAPTER 6: GLOBAL COLD CHAIN MONITORING MARKET ANALYSIS AND OUTLOOK TO 2032**

6.1 Global Market Outlook by Segments, 2021 to 2032

6.2 Component

Hardware

-Sensors

-RFID Devices

-Telematics

-Networking Devices

-Others

Software

-On-premise

-Cloud-based

Application

Food & Beverages

Pharmaceuticals

Vaccines

Blood Banking

Others

6.3 Global Market Outlook by Region, 2021 to 2032

## **CHAPTER 7: NORTH AMERICA COLD CHAIN MONITORING MARKET ANALYSIS AND OUTLOOK TO 2032**

7.1 North America Market Outlook by Segments, 2021- 2032

7.2 Component

Hardware

-Sensors

-RFID Devices

-Telematics

-Networking Devices

-Others

Software

- On-premise
- Cloud-based
- Application
- Food & Beverages
- Pharmaceuticals
- Vaccines
- Blood Banking
- Others

### 7.3 North America Market Outlook by Country, 2021- 2032

- 7.3.1 United States Cold Chain Monitoring Market Size Forecast, 2021- 2032
- 7.3.2 Canada Cold Chain Monitoring Market Size Forecast, 2021- 2032
- 7.3.3 Mexico Cold Chain Monitoring Market Size Forecast, 2021- 2032

## **CHAPTER 8: EUROPE COLD CHAIN MONITORING MARKET ANALYSIS AND OUTLOOK TO 2032**

### 8.1 Europe Market Outlook by Segments, 2021- 2032

#### 8.2 Component

##### Hardware

- Sensors
- RFID Devices
- Telematics
- Networking Devices
- Others

##### Software

- On-premise
- Cloud-based
- Application
- Food & Beverages
- Pharmaceuticals
- Vaccines
- Blood Banking
- Others

### 8.3 Europe Market Outlook by Country, 2021- 2032

- 8.3.1 Germany Cold Chain Monitoring Market Size Forecast, 2021- 2032
- 8.3.2 France Cold Chain Monitoring Market Size Forecast, 2021- 2032
- 8.3.3 United Kingdom Cold Chain Monitoring Market Size Forecast, 2021- 2032
- 8.3.4 Spain Cold Chain Monitoring Market Size Forecast, 2021- 2032
- 8.3.5 Italy Cold Chain Monitoring Market Size Forecast, 2021- 2032

8.3.6 Russia Cold Chain Monitoring Market Size Forecast, 2021- 2032

8.3.7 Rest of Europe Cold Chain Monitoring Market Size Forecast, 2021- 2032

## **CHAPTER 9: ASIA PACIFIC COLD CHAIN MONITORING MARKET ANALYSIS AND OUTLOOK TO 2032**

9.1 Asia Pacific Market Outlook by Segments, 2021- 2032

9.2 Component

Hardware

-Sensors

-RFID Devices

-Telematics

-Networking Devices

-Others

Software

-On-premise

-Cloud-based

Application

Food & Beverages

Pharmaceuticals

Vaccines

Blood Banking

Others

9.3 Asia Pacific Market Outlook by Country, 2021- 2032

9.3.1 China Cold Chain Monitoring Market Size Forecast, 2021- 2032

9.3.2 India Cold Chain Monitoring Market Size Forecast, 2021- 2032

9.3.3 Japan Cold Chain Monitoring Market Size Forecast, 2021- 2032

9.3.4 South Korea Cold Chain Monitoring Market Size Forecast, 2021- 2032

9.3.5 Australia Cold Chain Monitoring Market Size Forecast, 2021- 2032

9.3.6 South East Asia Cold Chain Monitoring Market Size Forecast, 2021- 2032

9.3.7 Rest of Asia Pacific Cold Chain Monitoring Market Size Forecast, 2021- 2032

## **CHAPTER 10: SOUTH AMERICA COLD CHAIN MONITORING MARKET ANALYSIS AND OUTLOOK TO 2032**

10.1 South America Market Outlook by Segments, 2021- 2032

10.2 Component

Hardware

-Sensors

- RFID Devices
- Telematics
- Networking Devices
- Others

Software

- On-premise
- Cloud-based

Application

Food & Beverages

Pharmaceuticals

Vaccines

Blood Banking

Others

10.3 South America Market Outlook by Country, 2021- 2032

10.3.1 Brazil Cold Chain Monitoring Market Size Forecast, 2021- 2032

10.3.2 Argentina Cold Chain Monitoring Market Size Forecast, 2021- 2032

10.3.3 Rest of South America Cold Chain Monitoring Market Size Forecast, 2021- 2032

## **CHAPTER 11: MIDDLE EAST AND AFRICA COLD CHAIN MONITORING MARKET ANALYSIS AND OUTLOOK TO 2032**

11.1 Middle East and Africa Market Outlook by Segments, 2021- 2032

11.2 Component

Hardware

- Sensors
- RFID Devices
- Telematics
- Networking Devices
- Others

Software

- On-premise
- Cloud-based

Application

Food & Beverages

Pharmaceuticals

Vaccines

Blood Banking

Others

### 11.3 Middle East and Africa Market Outlook by Country, 2021- 2032

11.3.1 Saudi Arabia Cold Chain Monitoring Market Size Forecast, 2021- 2032

11.3.2 The UAE Cold Chain Monitoring Market Size Forecast, 2021- 2032

11.3.3 Rest of Middle East Cold Chain Monitoring Market Size Forecast, 2021- 2032

11.3.4 South Africa Cold Chain Monitoring Market Size Forecast, 2021- 2032

11.3.4 Rest of Africa Cold Chain Monitoring Market Size Forecast, 2021- 2032

## **CHAPTER 12: COMPETITIVE LANDSCAPE**

12.1 Competitive Analysis- Product Profile, SWOT, Financial Profiles

12.2 Key Companies Profiled in the Study

12.3 Berlinger & Co. AG

Carrier

Controlant

ELPRO-BUCHS AG

Geotab Inc

Infratab Inc

Monnit Corp

ORBCOMM

Savi Technology

Zest Labs Inc

## **CHAPTER 13: SOURCES AND RESEARCH METHODOLOGY**

13.1 Primary and Secondary Sources

13.2 Research Methodology

13.3 Data Triangulation and Validation

13.4 Assumptions and Limitations

13.5 Forecast Methodology

Appendix

A: Highlights of the Q4-2024 Version

B: Conclusion and Future Recommendations

C: Customization Options

D: Contact Information

## List Of Figures

### LIST OF FIGURES

Figure 1: Country Analysis: Largest Market Share (%) - 2024 vs. 2032

Figure 2: GDP (Current Prices) Outlook by Country, 2010- 2032

Figure 3: Population Outlook by Country, 2010- 2032

Figure 4: Inflation Outlook by Country (%), 2024- 2032

Figure 5: Global Cold Chain Monitoring Market Outlook by Type, 2021- 2032

Figure 6: Global Cold Chain Monitoring Market Outlook by Application, 2021- 2032

Figure 7: Global Cold Chain Monitoring Market Outlook by Region, 2021- 2032

Figure 8: North America Cold Chain Monitoring Market Snapshot, Q4-2024

Figure 9: North America Cold Chain Monitoring Market Size Forecast by Type, 2021- 2032

Figure 10: North America Cold Chain Monitoring Market Size Forecast by Application, 2021- 2032

Figure 11: North America Cold Chain Monitoring Market Share by Country, 2023

Figure 12: Europe Cold Chain Monitoring Market Snapshot, Q4-2024

Figure 13: Europe Cold Chain Monitoring Market Size Forecast by Type, 2021- 2032

Figure 14: Europe Cold Chain Monitoring Market Size Forecast by Application, 2021- 2032

Figure 15: Europe Cold Chain Monitoring Market Share by Country, 2023

Figure 16: Asia Pacific Cold Chain Monitoring Market Snapshot, Q4-2024

Figure 17: Asia Pacific Cold Chain Monitoring Market Size Forecast by Type, 2021- 2032

Figure 18: Asia Pacific Cold Chain Monitoring Market Size Forecast by Application, 2021- 2032

Figure 19: Asia Pacific Cold Chain Monitoring Market Share by Country, 2023

Figure 20: South America Cold Chain Monitoring Market Snapshot, Q4-2024

Figure 21: South America Cold Chain Monitoring Market Size Forecast by Type, 2021- 2032

Figure 22: South America Cold Chain Monitoring Market Size Forecast by Application, 2021- 2032

Figure 23: South America Cold Chain Monitoring Market Share by Country, 2023

Figure 24: Middle East and Africa Cold Chain Monitoring Market Snapshot, Q4-2024

Figure 25: Middle East and Africa Cold Chain Monitoring Market Size Forecast by Type, 2021- 2032

Figure 26: Middle East and Africa Cold Chain Monitoring Market Size Forecast by Application, 2021- 2032

Figure 27: Middle East and Africa Cold Chain Monitoring Market Share by Country, 2023

Figure 28: United States Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 29: Canada Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 30: Mexico Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 31: Germany Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 32: France Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 33: United Kingdom Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 34: Spain Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 35: Italy Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 36: Russia Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 37: Rest of Europe Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 38: China Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 39: India Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 40: Japan Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 41: South Korea Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 42: Australia Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 43: South East Asia Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 44: Rest of APAC Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 45: Brazil Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 46: Argentina Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 47: Rest of LATAM Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 48: Saudi Arabia Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 49: UAE Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 50: South Africa Cold Chain Monitoring Market Size Outlook, \$ Million, 2021- 2032

Figure 51: Research Methodology

Figure 52: Forecast Methodology

## List Of Tables

### LIST OF TABLES

Table 1: Market Scope and Segmentation

Table 2: Global Cold Chain Monitoring Market Size Outlook, \$Million, 2021 to 2032

Table 3: Low Case Scenario Forecasts

Table 4: Reference Case Scenario Forecasts

Table 5: High Growth Scenario Forecasts

Table 6: Global Cold Chain Monitoring Market Size Outlook by Segments, 2021- 2032

Table 7: Global Cold Chain Monitoring Market Size Outlook by Region, 2021- 2032

Table 8: Country Mapping, 2023 vs. 2032

Table 9: North America- Cold Chain Monitoring Market Outlook by Type, 2021- 2032

Table 10: North America- Cold Chain Monitoring Market Outlook by Country, 2021- 2032

Table 11: Europe - Cold Chain Monitoring Market Outlook by Type, 2021- 2032

Table 12: Europe - Cold Chain Monitoring Market Outlook by Country, 2021- 2032

Table 13: Asia Pacific - Cold Chain Monitoring Market Outlook by Type, 2021- 2032

Table 14: Asia Pacific - Cold Chain Monitoring Market Outlook by Country, 2021- 2032

Table 15: South America- Cold Chain Monitoring Market Outlook by Type, 2021- 2032

Table 16: South America- Cold Chain Monitoring Market Outlook by Country, 2021- 2032

Table 17: Middle East and Africa - Cold Chain Monitoring Market Outlook by Type, 2021- 2032

Table 18: Middle East and Africa - Cold Chain Monitoring Market Outlook by Country, 2021- 2032

Table 19: Business Snapshots of Leading Cold Chain Monitoring Companies

Table 20: Product Profiles of Leading Cold Chain Monitoring Companies

Table 21: SWOT Profiles of Leading Cold Chain Monitoring Companies

## I would like to order

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