

# **Supply Chain Security Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Hardware, Software, Services), By Type (Data Locality & Protection, Data Visibility & Governance, Others), By Vertical (Healthcare & Pharmaceuticals, Retail & E-commerce, Automotive, Transportation & Logistics, Manufacturing, Others), By Region, By Competition 2020-2030F**

<https://marketpublishers.com/r/S83A5E396F1BEN.html>

Date: September 2025

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: S83A5E396F1BEN

## **Abstracts**

### Market Overview

The Global Supply Chain Security Market was valued at USD 2.25 Billion in 2024 and is expected to reach USD 4.33 Billion by 2030 with a CAGR of 11.53% through 2030. The Global Supply Chain Security Market focuses on safeguarding supply chains from risks such as cyber threats, physical disruptions, fraud, and geopolitical instabilities.

Supply chain security encompasses processes, technologies, and measures designed to ensure the integrity, resilience, and reliability of supply chain operations. It includes monitoring for cyber intrusions, verifying supplier authenticity, protecting logistics networks, and ensuring compliance with international regulations. With supply chains becoming more global and complex, businesses are increasingly exposed to disruptions that can compromise product quality, delivery timelines, and sensitive data. This rising risk landscape has positioned supply chain security as a critical business priority across industries.

The market is poised for robust growth due to the convergence of several driving

factors. The escalation of cyber threats targeting supply chain networks has forced companies to adopt advanced security solutions, including blockchain-based tracking, predictive analytics, and cybersecurity tools. Additionally, increasing regulatory mandates on supply chain transparency, such as the United States' Executive Order on supply chain resilience and the European Union's supply chain due diligence laws, are compelling organizations to strengthen their security frameworks. The COVID-19 pandemic further exposed vulnerabilities in global supply chains, accelerating digital transformation and highlighting the need for proactive risk management and operational resilience strategies.

The Global Supply Chain Security Market is expected to experience sustained growth driven by technological advancements, increased investment in digital supply chain solutions, and the rising importance of resilience planning. As industries such as manufacturing, pharmaceuticals, defense, and logistics prioritize securing their supply chain networks, demand for integrated solutions offering real-time visibility, predictive analytics, and automated risk response will intensify. The growth will also be supported by the expansion of smart technologies, including Internet of Things devices, artificial intelligence, and blockchain, all of which enhance the ability to monitor, analyze, and secure complex global supply chains.

## Key Market Drivers

### Rising Incidence of Cyber Threats Targeting Supply Chains

The growing frequency of cyber threats aimed at global supply chains has heightened the urgency for comprehensive security solutions. Modern supply chains consist of a vast ecosystem of suppliers, manufacturers, distributors, and service providers, many of whom possess varying degrees of cybersecurity maturity. This fragmented structure exposes organizations to indirect cyber risks, where vulnerabilities within a partner or third-party system can be exploited to compromise the entire chain. High-profile attacks, such as ransomware on logistics companies and infiltration of supply chain software, have amplified awareness of these threats. As a response, companies are prioritizing investments in cybersecurity solutions, advanced threat detection, and secure digital communication platforms to shield their extended operational networks.

The interconnectedness of global supply chains means that a single cyber incident can trigger widespread disruptions across multiple industries and geographies. To counter this, organizations are increasingly adopting real-time monitoring, encryption standards, and risk-sharing frameworks with supply chain partners. Furthermore, cross-industry

collaborations and security consortiums are emerging to standardize protection protocols and threat intelligence sharing. The urgent need for robust cybersecurity defenses in a digitally integrated supply environment will remain a key driver for the Global Supply Chain Security Market's sustained growth. Over 70% of organizations worldwide reported experiencing a cybersecurity incident linked to their supply chain within the last two years. This figure underscores the vulnerability that interconnected business networks face today. As companies digitize operations and integrate with external partners, the attack surface expands, making continuous supply chain risk monitoring a critical business necessity.

## Key Market Challenges

### Complexity of Multi-Tier Supply Chain Visibility and Control

One of the most significant challenges confronting the Global Supply Chain Security Market is the complexity involved in achieving comprehensive visibility and control across multi-tier supply chains. Global supply chains today extend far beyond first-tier suppliers, involving multiple layers of sub-suppliers, distributors, logistics providers, and service vendors operating across various regions. Each of these entities may operate under different regulatory environments, technological standards, and security practices. The lack of transparency in the lower tiers of supply chains makes it exceedingly difficult for organizations to assess and manage risks effectively. Companies often have direct oversight of their primary suppliers but limited insight into the operations, practices, and vulnerabilities of second or third-tier suppliers. This fragmented visibility increases exposure to potential risks such as unauthorized subcontracting, counterfeit products, ethical violations, and security breaches that can compromise the integrity of the entire supply chain.

The increasing interdependence of global supply chains further exacerbates the challenge of achieving seamless control. As enterprises strive for cost efficiency and market responsiveness, they tend to diversify their supplier base and expand into emerging markets. While this strategy brings operational advantages, it complicates security management due to inconsistent compliance levels, cultural differences, and varying cybersecurity maturity across different regions. The absence of standardized protocols and real-time visibility tools limits organizations' ability to monitor risks proactively. Even when advanced technologies like Blockchain and Internet of Things are implemented, integrating them across multiple partners with differing technical capabilities remains a persistent obstacle. Therefore, overcoming the challenge of fragmented visibility and control is imperative for the sustained growth of the Global

Supply Chain Security Market, demanding innovative solutions that ensure comprehensive oversight across all tiers of the supply chain.

## Key Market Trends

### Growing Integration of Blockchain for Enhanced Traceability and Transparency

Blockchain technology is rapidly transforming the Global Supply Chain Security Market By Component unprecedented levels of traceability and transparency across the entire value chain. The immutable and decentralized nature of blockchain records ensures that every transaction, movement of goods, or data exchange is securely documented and accessible in real time. This capability significantly reduces the risk of counterfeit products, unauthorized modifications, and data manipulation, which are major security concerns in global supply chains. Companies in industries such as pharmaceuticals, electronics, and luxury goods are increasingly leveraging blockchain solutions to monitor product provenance, verify authenticity, and ensure ethical sourcing. The ability to create a tamper-proof audit trail builds trust among stakeholders and mitigates risks associated with fraudulent activities.

Blockchain facilitates seamless collaboration between supply chain partners by providing a common, verifiable source of truth. This shared ledger approach reduces the need for intermediary verification processes, thereby enhancing efficiency while maintaining stringent security standards. As regulatory demands around transparency and ethical compliance intensify, blockchain's role is expected to expand beyond pilot programs to mainstream adoption. Leading enterprises are already forming consortiums to develop blockchain-based supply chain networks that offer standardized security features and interoperability. The growing maturity of blockchain technology, coupled with increasing awareness of its security advantages, positions it as a key enabler of secure, transparent, and resilient supply chain operations globally.

## Key Market Players

IBM Corporation

Oracle Corporation

SAP SE

Microsoft Corporation

Cisco Systems, Inc.

Intel Corporation

Honeywell International Inc.

Zebra Technologies Corporation

### Report Scope:

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

#### Supply Chain Security Market, By Component:

Hardware

Software

Services

#### Supply Chain Security Market, By Type:

Data Locality & Protection

Data Visibility & Governance

Others

#### Supply Chain Security Market, By Vertical:

Healthcare & Pharmaceuticals

Retail & E-commerce

Automotive

Transportation & Logistics

Manufacturing

Others

Supply Chain Security Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia Pacific

China

India

Japan

South Korea

Australia

Middle East & Africa

Saudi Arabia

UAE

South Africa

South America

Brazil

Colombia

Argentina

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Supply Chain Security Market.

Available Customizations:

Global Supply Chain Security 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. SOLUTION 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 & Validation
- 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, and Trends

### 4. VOICE OF CUSTOMER

### 5. GLOBAL SUPPLY CHAIN SECURITY MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Component (Hardware, Software, Services)
  - 5.2.2. By Type (Data Locality & Protection, Data Visibility & Governance, Others)
  - 5.2.3. By Vertical (Healthcare & Pharmaceuticals, Retail & E-commerce, Automotive, Transportation & Logistics, Manufacturing, Others)

- 5.2.4. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)
- 5.3. By Company (2024)
- 5.4. Market Map

## **6. NORTH AMERICA SUPPLY CHAIN SECURITY 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 Vertical
  - 6.2.4. By Country
- 6.3. North America: Country Analysis
  - 6.3.1. United States Supply Chain Security 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 Vertical
  - 6.3.2. Canada Supply Chain Security 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 Vertical
  - 6.3.3. Mexico Supply Chain Security 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 Vertical

## **7. EUROPE SUPPLY CHAIN SECURITY 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 Vertical
  - 7.2.4. By Country
- 7.3. Europe: Country Analysis
  - 7.3.1. Germany Supply Chain Security 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 Vertical
  - 7.3.2. France Supply Chain Security 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 Vertical
  - 7.3.3. United Kingdom Supply Chain Security Market Outlook
    - 7.3.3.1. Market Size & Forecast
      - 7.3.3.1.1. By Value
    - 7.3.3.2. Market Share & Forecast
      - 7.3.3.2.1. By Component
      - 7.3.3.2.2. By Type
      - 7.3.3.2.3. By Vertical
  - 7.3.4. Italy Supply Chain Security 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 Vertical
  - 7.3.5. Spain Supply Chain Security 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 Vertical

## **8. ASIA PACIFIC SUPPLY CHAIN SECURITY 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 Vertical
  - 8.2.4. By Country
- 8.3. Asia Pacific: Country Analysis
  - 8.3.1. China Supply Chain Security 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 Vertical
  - 8.3.2. India Supply Chain Security 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 Vertical
  - 8.3.3. Japan Supply Chain Security 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 Vertical
  - 8.3.4. South Korea Supply Chain Security 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 Vertical
- 8.3.5. Australia Supply Chain Security 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 Vertical

## **9. MIDDLE EAST & AFRICA SUPPLY CHAIN SECURITY 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 Vertical
  - 9.2.4. By Country
- 9.3. Middle East & Africa: Country Analysis
  - 9.3.1. Saudi Arabia Supply Chain Security 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 Vertical
  - 9.3.2. UAE Supply Chain Security 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 Vertical
  - 9.3.3. South Africa Supply Chain Security 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 Vertical

## **10. SOUTH AMERICA SUPPLY CHAIN SECURITY 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 Vertical

#### 10.2.4. By Country

### 10.3. South America: Country Analysis

#### 10.3.1. Brazil Supply Chain Security 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 Vertical

#### 10.3.2. Colombia Supply Chain Security 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 Vertical

#### 10.3.3. Argentina Supply Chain Security 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 Vertical

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## **12. MARKET TRENDS AND DEVELOPMENTS**

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

## **13. COMPANY PROFILES**

- 13.1. IBM Corporation
  - 13.1.1. Business Overview
  - 13.1.2. Key Revenue and Financials
  - 13.1.3. Recent Developments
  - 13.1.4. Key Personnel
  - 13.1.5. Key Product/Services Offered
- 13.2. Oracle Corporation
- 13.3. SAP SE
- 13.4. Microsoft Corporation
- 13.5. Cisco Systems, Inc.
- 13.6. Intel Corporation
- 13.7. Honeywell International Inc.
- 13.8. Zebra Technologies Corporation

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Supply Chain Security Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Hardware, Software, Services), By Type (Data Locality & Protection, Data Visibility & Governance, Others), By Vertical (Healthcare & Pharmaceuticals, Retail & E-commerce, Automotive, Transportation & Logistics, Manufacturing, Others), By Region, By Competition 2020-2030F

Product link: <https://marketpublishers.com/r/S83A5E396F1BEN.html>

Price: US\$ 4,500.00 (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/S83A5E396F1BEN.html>