

Supply Chain Transparency Market Forecasts to 2032 – Global Analysis By Component (Software/Platform, Hardware, and Services), Deployment Mode (On-Premise, and Cloud-Based), Organization Size (Small and Medium-sized Enterprises (SMEs), and Large Enterprises), Application, End User, and By Geography

<https://marketpublishers.com/r/S9BA99761AF1EN.html>

Date: December 2025

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: S9BA99761AF1EN

Abstracts

According to Statistics MRC, the Global Supply Chain Transparency Market is accounted for \$3.0 billion in 2025 and is expected to reach \$7.6 billion by 2032, growing at a CAGR of 13.9% during the forecast period. The supply chain transparency provides digital tools and services that map, track, and verify activities across multi-tier supply chains. It includes platforms for traceability, ESG reporting, supplier risk assessment, and product provenance using data integration, IoT, and sometimes blockchain. Benefits include better visibility into sourcing and labor practices, reduced compliance and reputational risk, improved resilience to disruptions, and stronger trust with regulators, investors, and end customers.

Market Dynamics:

Driver:

Stringent Regulatory Compliance

Governments and international bodies are increasingly mandating supply chain due diligence, compelling companies to invest in transparency solutions. Laws like the German Supply Chain Due Diligence Act and the EU's CBAM require firms to trace raw

materials, monitor labor conditions, and report environmental impact. This regulatory pressure transforms transparency from a voluntary ethical practice into a legal necessity, directly fueling market growth as companies seek compliant and auditable systems to avoid substantial fines and legal repercussions.

Restraint:

Data Complexity & Fragmentation

Modern supply chains generate vast, disparate data from countless sources, including IoT sensors, ERP systems, and supplier logs. Integrating this fragmented information into a single, coherent view is a monumental technical challenge. This complexity often overwhelms traditional systems, leading to high implementation costs, extended deployment times, and unreliable data, which can deter investment and slow down the adoption of comprehensive transparency platforms across the industry.

Opportunity:

SME-Focused Solutions

Small and medium-sized enterprises (SMEs), which form the backbone of many supply chains, have been largely underserved by complex and expensive transparency platforms. This creates a significant opportunity for vendors to develop scalable, cloud-based solutions with simplified interfaces and subscription-based pricing. By making these tools accessible and affordable for SMEs, providers can tap into a vast new market segment while simultaneously enhancing the overall resilience and transparency of global supply networks.

Threat:

Data Security & Privacy Risks

The very nature of supply chain transparency requires the aggregation and sharing of sensitive data, including supplier costs, production volumes, and proprietary processes. This creates a lucrative target for cyberattacks, risking intellectual property theft and operational disruption. Moreover, navigating varying international data privacy laws complicates data handling. A single significant breach could erode trust in these platforms, deter future adoption, and lead to severe reputational and financial damage for all parties involved.

Covid-19 Impact:

The pandemic was a brutal stress test, exposing critical vulnerabilities in opaque, just-in-time supply chains. Widespread disruptions forced companies to recognize that traditional models were insufficient for managing crises. This realization acted as a powerful catalyst, accelerating the adoption of transparency technologies. Businesses rapidly invested in solutions for real-time visibility and risk assessment to build resilience, transforming the market from a niche concern into a strategic imperative for operational continuity and future-proofing.

The cloud-based segment is expected to be the largest during the forecast period

The cloud-based segment is expected to account for the largest market share during the forecast period, driven by its superior scalability, lower upfront costs, and easier integration compared to on-premise systems. Cloud platforms allow businesses of all sizes to access real-time data across global partners without significant hardware investments. Furthermore, their agility supports rapid updates and the incorporation of advanced analytics, making them the preferred deployment model for achieving the dynamic visibility required in modern, complex supply chains.

The services segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the services segment is predicted to witness the highest growth rate because implementing transparency solutions is highly complex, requiring specialized expertise to connect disparate data sources and customize platforms to specific operational needs. As more companies embark on digital transformation, the demand for these professional services to ensure successful deployment and maximize software value will surge, outpacing the growth of the core software itself.

Region with largest share:

During the forecast period, the Europe region is expected to hold the largest market share, primarily attributed to the region's pioneering and stringent regulatory landscape. Proactive legislation, such as the EU's Sustainable Finance Disclosure Regulation and the forthcoming Corporate Sustainability Due Diligence Directive, legally compels companies to ensure supply chain visibility regarding environmental and social governance, creating a mandatory and mature market for transparency solutions across the continent.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, fueled by the rapid expansion of manufacturing and export activities in nations like China, India, and Vietnam. Additionally, growing pressure from Western trading partners for sustainable sourcing, coupled with rising domestic investments in digital infrastructure, is pushing local companies to rapidly adopt supply chain transparency technologies to remain competitive in the global marketplace.

Key players in the market

Some of the key players in Supply Chain Transparency Market include SAP SE, IBM Corporation, Oracle Corporation, Microsoft Corporation, Accenture plc, Cisco Systems, Inc., Infosys Limited, EcoVadis SAS, Sourcemap, Inc., UL Solutions Inc., T-Systems International GmbH, VeChain Foundation, Everledger Ltd, Provenance Ltd, Skuchain, Inc., and Ambrosus AG.

Key Developments:

In February 2025, Infosys published an offering on sustainable and circular supply chains built on SAP solutions, highlighting a “Responsible and Ethical Supplier Network” that provides a dashboard view of multi-tier supplier networks and uses third-party ESG data to improve transparency and ethical standards across suppliers.

In February 2025, SAP highlighted AI, sustainability, and resilience as top supply chain trends for 2025, emphasizing that deeper end-to-end visibility and transparency, including tier-2 and tier-3 suppliers and ESG/emissions tracking, are becoming essential for risk mitigation and regulatory compliance.

Components Covered:

Software/Platform

Hardware

Services

Deployment Modes Covered:

On-Premise

Cloud-Based

Organization Sizes Covered:

Small and Medium-sized Enterprises (SMEs)

Large Enterprises

Applications Covered:

Product Provenance and Traceability

Ethical Sourcing and Sustainability

Regulatory Compliance and Risk Management

Anti-Counterfeiting and Brand Protection

Demand Forecasting and Inventory Optimization

End Users Covered:

Retail and Consumer Goods

Food and Beverages

Pharmaceuticals and Healthcare

Manufacturing and Automotive

Logistics and Transportation

Oil & Gas and Energy

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments

- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL SUPPLY CHAIN TRANSPARENCY MARKET, BY COMPONENT

- 5.1 Introduction
- 5.2 Software/Platform
 - 5.2.1 Traceability Solutions
 - 5.2.2 Supply Chain Mapping & Monitoring Platforms
 - 5.2.3 Supplier Management & Auditing Software
 - 5.2.4 ESG Reporting and Compliance Tools
- 5.3 Hardware
 - 5.3.1 RFID Tags and Readers
 - 5.3.2 Sensors and IoT Devices
 - 5.3.3 GPS and Telematics
- 5.4 Services
 - 5.4.1 Professional Services
 - 5.4.2 Managed Services

6 GLOBAL SUPPLY CHAIN TRANSPARENCY MARKET, BY DEPLOYMENT MODE

- 6.1 Introduction
- 6.2 On-Premise
- 6.3 Cloud-Based

7 GLOBAL SUPPLY CHAIN TRANSPARENCY MARKET, BY ORGANIZATION SIZE

- 7.1 Introduction
- 7.2 Small and Medium-sized Enterprises (SMEs)
- 7.3 Large Enterprises

8 GLOBAL SUPPLY CHAIN TRANSPARENCY MARKET, BY APPLICATION

- 8.1 Introduction
- 8.2 Product Provenance and Traceability
- 8.3 Ethical Sourcing and Sustainability
- 8.4 Regulatory Compliance and Risk Management
- 8.5 Anti-Counterfeiting and Brand Protection
- 8.6 Demand Forecasting and Inventory Optimization

9 GLOBAL SUPPLY CHAIN TRANSPARENCY MARKET, BY END USER

- 9.1 Introduction
- 9.2 Retail and Consumer Goods
- 9.3 Food and Beverages
- 9.4 Pharmaceuticals and Healthcare
- 9.5 Manufacturing and Automotive
- 9.6 Logistics and Transportation
- 9.7 Oil & Gas and Energy
- 9.8 Other End Users

10 GLOBAL SUPPLY CHAIN TRANSPARENCY MARKET, BY GEOGRAPHY

- 10.1 Introduction
- 10.2 North America
 - 10.2.1 US
 - 10.2.2 Canada
 - 10.2.3 Mexico
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 UK
 - 10.3.3 Italy
 - 10.3.4 France
 - 10.3.5 Spain
 - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
 - 10.4.1 Japan
 - 10.4.2 China
 - 10.4.3 India
 - 10.4.4 Australia
 - 10.4.5 New Zealand
 - 10.4.6 South Korea
 - 10.4.7 Rest of Asia Pacific
- 10.5 South America
 - 10.5.1 Argentina
 - 10.5.2 Brazil
 - 10.5.3 Chile
 - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
 - 10.6.1 Saudi Arabia
 - 10.6.2 UAE

- 10.6.3 Qatar
- 10.6.4 South Africa
- 10.6.5 Rest of Middle East & Africa

11 KEY DEVELOPMENTS

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

12 COMPANY PROFILING

- 12.1 SAP SE
- 12.2 IBM Corporation
- 12.3 Oracle Corporation
- 12.4 Microsoft Corporation
- 12.5 Accenture plc
- 12.6 Cisco Systems, Inc.
- 12.7 Infosys Limited
- 12.8 EcoVadis SAS
- 12.9 Sourcemap, Inc.
- 12.10 UL Solutions Inc.
- 12.11 T-Systems International GmbH
- 12.12 VeChain Foundation
- 12.13 Everledger Ltd
- 12.14 Provenance Ltd
- 12.15 Skuchain, Inc.
- 12.16 Ambrosus AG

List Of Tables

LIST OF TABLES

Table 1 Global Supply Chain Transparency Market Outlook, By Region (2024–2032) (\$MN)

Table 2 Global Supply Chain Transparency Market Outlook, By Component (2024–2032) (\$MN)

Table 3 Global Supply Chain Transparency Market Outlook, By Software/Platform (2024–2032) (\$MN)

Table 4 Global Supply Chain Transparency Market Outlook, By Traceability Solutions (2024–2032) (\$MN)

Table 5 Global Supply Chain Transparency Market Outlook, By Supply Chain Mapping & Monitoring Platforms (2024–2032) (\$MN)

Table 6 Global Supply Chain Transparency Market Outlook, By Supplier Management & Auditing Software (2024–2032) (\$MN)

Table 7 Global Supply Chain Transparency Market Outlook, By ESG Reporting and Compliance Tools (2024–2032) (\$MN)

Table 8 Global Supply Chain Transparency Market Outlook, By Hardware (2024–2032) (\$MN)

Table 9 Global Supply Chain Transparency Market Outlook, By RFID Tags and Readers (2024–2032) (\$MN)

Table 10 Global Supply Chain Transparency Market Outlook, By Sensors and IoT Devices (2024–2032) (\$MN)

Table 11 Global Supply Chain Transparency Market Outlook, By GPS and Telematics (2024–2032) (\$MN)

Table 12 Global Supply Chain Transparency Market Outlook, By Services (2024–2032) (\$MN)

Table 13 Global Supply Chain Transparency Market Outlook, By Professional Services (2024–2032) (\$MN)

Table 14 Global Supply Chain Transparency Market Outlook, By Managed Services (2024–2032) (\$MN)

Table 15 Global Supply Chain Transparency Market Outlook, By Deployment Mode (2024–2032) (\$MN)

Table 16 Global Supply Chain Transparency Market Outlook, By On-Premise (2024–2032) (\$MN)

Table 17 Global Supply Chain Transparency Market Outlook, By Cloud-Based (2024–2032) (\$MN)

Table 18 Global Supply Chain Transparency Market Outlook, By Organization Size

(2024–2032) (\$MN)

Table 19 Global Supply Chain Transparency Market Outlook, By Small and Medium-sized Enterprises (SMEs) (2024–2032) (\$MN)

Table 20 Global Supply Chain Transparency Market Outlook, By Large Enterprises (2024–2032) (\$MN)

Table 21 Global Supply Chain Transparency Market Outlook, By Application (2024–2032) (\$MN)

Table 22 Global Supply Chain Transparency Market Outlook, By Product Provenance and Traceability (2024–2032) (\$MN)

Table 23 Global Supply Chain Transparency Market Outlook, By Ethical Sourcing and Sustainability (2024–2032) (\$MN)

Table 24 Global Supply Chain Transparency Market Outlook, By Regulatory Compliance and Risk Management (2024–2032) (\$MN)

Table 25 Global Supply Chain Transparency Market Outlook, By Anti-Counterfeiting and Brand Protection (2024–2032) (\$MN)

Table 26 Global Supply Chain Transparency Market Outlook, By Demand Forecasting and Inventory Optimization (2024–2032) (\$MN)

Table 27 Global Supply Chain Transparency Market Outlook, By End User (2024–2032) (\$MN)

Table 28 Global Supply Chain Transparency Market Outlook, By Retail and Consumer Goods (2024–2032) (\$MN)

Table 29 Global Supply Chain Transparency Market Outlook, By Food and Beverages (2024–2032) (\$MN)

Table 30 Global Supply Chain Transparency Market Outlook, By Pharmaceuticals and Healthcare (2024–2032) (\$MN)

Table 31 Global Supply Chain Transparency Market Outlook, By Manufacturing and Automotive (2024–2032) (\$MN)

Table 32 Global Supply Chain Transparency Market Outlook, By Logistics and Transportation (2024–2032) (\$MN)

Table 33 Global Supply Chain Transparency Market Outlook, By Oil & Gas and Energy (2024–2032) (\$MN)

Table 34 Global Supply Chain Transparency Market Outlook, By Other End Users (2024–2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: Supply Chain Transparency Market Forecasts to 2032 – Global Analysis By Component (Software/Platform, Hardware, and Services), Deployment Mode (On-Premise, and Cloud-Based), Organization Size (Small and Medium-sized Enterprises (SMEs), and Large Enterprises), Application, End User, and By Geography

Product link: <https://marketpublishers.com/r/S9BA99761AF1EN.html>

Price: US\$ 4,150.00 (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/S9BA99761AF1EN.html>