

# **Blockchain In Manufacturing Market Outlook 2025-2034: Market Share, and Growth Analysis By Applications (Logistics and Supply Chain Management, Counterfeit Management, Quality Control and Compliance, Other Applications), By Component (Platform, Services), By End-Use**

<https://marketpublishers.com/r/BE9F56DC9FA2EN.html>

Date: October 2025

Pages: 160

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

ID: BE9F56DC9FA2EN

## **Abstracts**

The Blockchain In Manufacturing Market is valued at USD 380.3 billion in 2025 and is projected to grow at a CAGR of 51.2% to reach USD 15678.9 billion by 2034. The Blockchain in Manufacturing Market is gaining traction as companies in the industrial sector increasingly recognize the potential of blockchain to enhance supply chain transparency, ensure product authenticity, and streamline operations. By leveraging blockchain's decentralized and immutable ledger, manufacturers can track raw materials, monitor production processes, and verify the integrity of their products from origin to end customer. This improves accountability, reduces fraud, and enhances efficiency across the manufacturing value chain. Key drivers of growth include the rising need for counterfeit prevention, increasing demand for greater supply chain visibility, and the ongoing push toward digital transformation in manufacturing. Blockchain technology helps address these challenges by providing tamper-proof records, facilitating secure data sharing among multiple parties, and enabling faster issue resolution. Moreover, blockchain's integration with IoT devices and sensors has further strengthened its role in tracking production data, ensuring compliance, and improving overall quality control. Challenges in adopting blockchain in manufacturing include high implementation costs, complex integration processes, and limited awareness among traditional industry players. Despite these hurdles, ongoing innovation, growing collaboration between blockchain providers and manufacturers, and supportive regulatory frameworks are expected to drive continued adoption and expansion of

blockchain in manufacturing.

## Key Insights Blockchain In Manufacturing Market

1. Increasing use of blockchain to enhance traceability and provenance of raw materials and finished goods. 2. Growing integration of blockchain with IoT devices and sensors to provide real-time production data. 3. Development of blockchain-based smart contracts for automated payment and delivery processes. 4. Expansion of pilot projects to full-scale implementations in large manufacturing enterprises. 5. Rising adoption of blockchain in industries such as automotive, aerospace, and electronics for quality assurance and supply chain optimization. 1. Rising demand for transparent and efficient supply chains. 2. Need for counterfeit prevention and product authenticity verification. 3. Increasing digital transformation initiatives in the manufacturing sector. 4. Advancements in blockchain technology improving scalability and ease of implementation. 1. High implementation and maintenance costs. 2. Complexity in integrating blockchain with existing manufacturing systems. 3. Lack of standardized protocols and interoperability. 4. Limited awareness and understanding of blockchain benefits in traditional manufacturing environments.

## Blockchain In Manufacturing Market Segmentation

### By Applications

Logistics and Supply Chain Management

Counterfeit Management

Quality Control and Compliance

Other Applications

### By Component

Platform

Services

## By End-Use

Energy And Power

Industrial

Automotive

Pharmaceuticals

Aerospace And Defense

Food And Beverages

Textile And Clothing

Other End-Users

## Key Companies Analysed

Advanced Micro Devices Inc.

Amazon Web Services Inc.

Blockchain Foundry Inc.

CargoX Inc.

Chronicled Inc.

Xayn AG

Factom Inc.

International Business Machines Corporation

Intel Corporation

Microsoft Corporation

Nvidia Corporation

Oracle Corporation

Riddle&Code GmbH

Wipro Limited

Everledger Ltd.

Accenture PLC

BigchainDB GmbH

ChromaWay AB

LO3 Energy Inc.

SAP SE

Siemens AG

Baidu Inc.

Huawei Technologies Co. Ltd.

Deloitte Touche Tohmatsu Limited

HCL Technologies Ltd.

Tata Consultancy Services Limited

Capgemini SE

Infosys Limited

Chainway Information Technology Co. Ltd.

The Bitfury Group

Sphera Solutions Inc.

Provenance Ltd.

## Blockchain In Manufacturing 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.

## Blockchain In Manufacturing 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 — Blockchain In Manufacturing market data and outlook to 2034

United States

Canada

Mexico

Europe — Blockchain In Manufacturing market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Blockchain In Manufacturing market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Blockchain In Manufacturing market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Blockchain In Manufacturing 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 Blockchain In Manufacturing 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 Blockchain In Manufacturing

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 Blockchain In Manufacturing Market Report

Global Blockchain In Manufacturing market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Blockchain In Manufacturing trade, costs, and supply chains

Blockchain In Manufacturing market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Blockchain In Manufacturing market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Blockchain In Manufacturing market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Blockchain In

Manufacturing supply chain analysis

Blockchain In Manufacturing trade analysis, Blockchain In Manufacturing market price analysis, and Blockchain In Manufacturing supply/demand dynamics

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

Latest Blockchain In Manufacturing 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 BLOCKCHAIN IN MANUFACTURING MARKET SUMMARY, 2025

- 2.1 Blockchain In Manufacturing Industry Overview
  - 2.1.1 Global Blockchain In Manufacturing Market Revenues (In US\$ billion)
- 2.2 Blockchain In Manufacturing Market Scope
- 2.3 Research Methodology

### 3. BLOCKCHAIN IN MANUFACTURING MARKET INSIGHTS, 2024-2034

- 3.1 Blockchain In Manufacturing Market Drivers
- 3.2 Blockchain In Manufacturing Market Restraints
- 3.3 Blockchain In Manufacturing Market Opportunities
- 3.4 Blockchain In Manufacturing Market Challenges
- 3.5 Tariff Impact on Global Blockchain In Manufacturing Supply Chain Patterns

### 4. BLOCKCHAIN IN MANUFACTURING MARKET ANALYTICS

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

## **5. GLOBAL BLOCKCHAIN IN MANUFACTURING MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034**

5.1 World Blockchain In Manufacturing Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Blockchain In Manufacturing Sales Outlook and CAGR Growth By Applications, 2024- 2034 (\$ billion)

5.2 Global Blockchain In Manufacturing Sales Outlook and CAGR Growth By Component, 2024- 2034 (\$ billion)

5.3 Global Blockchain In Manufacturing Sales Outlook and CAGR Growth By End-Use, 2024- 2034 (\$ billion)

5.4 Global Blockchain In Manufacturing Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

## **6. ASIA PACIFIC BLOCKCHAIN IN MANUFACTURING INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK**

6.1 Asia Pacific Blockchain In Manufacturing Market Insights, 2025

6.2 Asia Pacific Blockchain In Manufacturing Market Revenue Forecast By Applications, 2024- 2034 (USD billion)

6.3 Asia Pacific Blockchain In Manufacturing Market Revenue Forecast By Component, 2024- 2034 (USD billion)

6.4 Asia Pacific Blockchain In Manufacturing Market Revenue Forecast By End-Use, 2024- 2034 (USD billion)

6.5 Asia Pacific Blockchain In Manufacturing Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Blockchain In Manufacturing Market Size, Opportunities, Growth 2024-2034

6.5.2 India Blockchain In Manufacturing Market Size, Opportunities, Growth 2024-2034

6.5.3 Japan Blockchain In Manufacturing Market Size, Opportunities, Growth 2024-2034

6.5.4 Australia Blockchain In Manufacturing Market Size, Opportunities, Growth 2024-2034

## **7. EUROPE BLOCKCHAIN IN MANUFACTURING MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034**

7.1 Europe Blockchain In Manufacturing Market Key Findings, 2025

7.2 Europe Blockchain In Manufacturing Market Size and Percentage Breakdown By Applications, 2024- 2034 (USD billion)

7.3 Europe Blockchain In Manufacturing Market Size and Percentage Breakdown By Component, 2024- 2034 (USD billion)

7.4 Europe Blockchain In Manufacturing Market Size and Percentage Breakdown By End-Use, 2024- 2034 (USD billion)

7.5 Europe Blockchain In Manufacturing Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Blockchain In Manufacturing Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Blockchain In Manufacturing Market Size, Trends, Growth Outlook to 2034

7.5.2 France Blockchain In Manufacturing Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Blockchain In Manufacturing Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Blockchain In Manufacturing Market Size, Trends, Growth Outlook to 2034

## **8. NORTH AMERICA BLOCKCHAIN IN MANUFACTURING MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034**

8.1 North America Snapshot, 2025

8.2 North America Blockchain In Manufacturing Market Analysis and Outlook By Applications, 2024- 2034 (\$ billion)

8.3 North America Blockchain In Manufacturing Market Analysis and Outlook By Component, 2024- 2034 (\$ billion)

8.4 North America Blockchain In Manufacturing Market Analysis and Outlook By End-Use, 2024- 2034 (\$ billion)

8.5 North America Blockchain In Manufacturing Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Blockchain In Manufacturing Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Blockchain In Manufacturing Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Blockchain In Manufacturing Market Size, Share, Growth Trends and Forecast, 2024- 2034

## **9. SOUTH AND CENTRAL AMERICA BLOCKCHAIN IN MANUFACTURING MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS**

- 9.1 Latin America Blockchain In Manufacturing Market Data, 2025
- 9.2 Latin America Blockchain In Manufacturing Market Future By Applications, 2024-2034 (\$ billion)
- 9.3 Latin America Blockchain In Manufacturing Market Future By Component, 2024-2034 (\$ billion)
- 9.4 Latin America Blockchain In Manufacturing Market Future By End-Use, 2024- 2034 (\$ billion)
- 9.5 Latin America Blockchain In Manufacturing Market Future by Country, 2024- 2034 (\$ billion)
  - 9.5.1 Brazil Blockchain In Manufacturing Market Size, Share and Opportunities to 2034
  - 9.5.2 Argentina Blockchain In Manufacturing Market Size, Share and Opportunities to 2034

## **10. MIDDLE EAST AFRICA BLOCKCHAIN IN MANUFACTURING MARKET OUTLOOK AND GROWTH PROSPECTS**

- 10.1 Middle East Africa Overview, 2025
- 10.2 Middle East Africa Blockchain In Manufacturing Market Statistics By Applications, 2024- 2034 (USD billion)
- 10.3 Middle East Africa Blockchain In Manufacturing Market Statistics By Component, 2024- 2034 (USD billion)
- 10.4 Middle East Africa Blockchain In Manufacturing Market Statistics By End-Use, 2024- 2034 (USD billion)
- 10.5 Middle East Africa Blockchain In Manufacturing Market Statistics by Country, 2024-2034 (USD billion)
  - 10.5.1 Middle East Blockchain In Manufacturing Market Value, Trends, Growth Forecasts to 2034
  - 10.5.2 Africa Blockchain In Manufacturing Market Value, Trends, Growth Forecasts to 2034

## **11. BLOCKCHAIN IN MANUFACTURING MARKET STRUCTURE AND COMPETITIVE LANDSCAPE**

- 11.1 Key Companies in Blockchain In Manufacturing Industry
- 11.2 Blockchain In Manufacturing Business Overview
- 11.3 Blockchain In Manufacturing Product Portfolio Analysis
- 11.4 Financial Analysis
- 11.5 SWOT Analysis

## **12 APPENDIX**

12.1 Global Blockchain In Manufacturing Market Volume (Tons)

12.1 Global Blockchain In Manufacturing Trade and Price Analysis

12.2 Blockchain In Manufacturing Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Blockchain In Manufacturing Industry Report Sources and Methodology

## I would like to order

Product name: Blockchain In Manufacturing Market Outlook 2025-2034: Market Share, and Growth Analysis By Applications (Logistics and Supply Chain Management, Counterfeit Management, Quality Control and Compliance, Other Applications), By Component (Platform, Services), By End-Use

Product link: <https://marketpublishers.com/r/BE9F56DC9FA2EN.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](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/BE9F56DC9FA2EN.html>