

# **Blockchain In Retail Market Outlook 2025-2034: Market Share, and Growth Analysis By Component (Platform/Solutions, Services), By Providers (Application Providers, Middleware Providers, Infrastructure Providers), By Application, By Organization Size**

<https://marketpublishers.com/r/BA121586708AEN.html>

Date: October 2025

Pages: 160

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

ID: BA121586708AEN

## **Abstracts**

The Blockchain In Retail Market is valued at USD 6.4 billion in 2025 and is projected to grow at a CAGR of 63.8% to reach USD 543.3 billion by 2034. The Blockchain in Retail Market is gaining significant momentum as businesses recognize the value of blockchain technology in enhancing transparency, efficiency, and customer trust. By providing a decentralized, tamper-proof ledger, blockchain enables retailers to improve supply chain traceability, ensure product authenticity, and create more secure payment systems. It also supports loyalty programs, targeted marketing initiatives, and streamlined inventory management, contributing to overall operational efficiency. Key drivers include increasing consumer demand for transparency, particularly around product sourcing and sustainability, and the need for improved fraud prevention in transactions. Blockchain's ability to provide a verifiable record of goods' origins and movements is particularly beneficial for luxury goods, food safety, and ethical sourcing claims. Additionally, the rise of cryptocurrencies and blockchain-based payment solutions is offering retailers new ways to engage tech-savvy consumers and tap into a growing global digital economy. Challenges such as high implementation costs, regulatory uncertainties, and integration complexities can slow adoption. However, as the technology matures, more pilot projects transition to full-scale deployments, and industry standards emerge, the Blockchain in Retail Market is poised for continued growth and innovation.

## Key Insights Blockchain In Retail Market

1. Rising use of blockchain to ensure product authenticity and prevent counterfeiting. 2. Increasing adoption of blockchain-based payment systems and loyalty programs. 3. Growth in blockchain applications for tracking and verifying sustainable and ethical sourcing. 4. Development of blockchain-powered platforms for improved inventory and supply chain management. 5. Enhanced consumer engagement through transparent and verifiable product information. 1. Growing consumer demand for transparency and traceability in product sourcing. 2. Need for enhanced fraud prevention and data security in retail transactions. 3. Rising adoption of blockchain-based payment solutions and digital currencies. 4. Expanding global trade and the need for streamlined cross-border transactions. 1. High implementation and integration costs. 2. Regulatory uncertainty and varying legal frameworks. 3. Complexity in integrating blockchain with existing retail systems. 4. Limited awareness and understanding of blockchain's potential benefits among some retailers.

## Blockchain In Retail Market Segmentation

### By Component

Platform/Solutions

Services

### By Providers

Application Providers

Middleware Providers

Infrastructure Providers

### By Application

Compliance Management

Identity Management

Loyalty and Rewards Management

Payments

Smart Contracts

Supply Chain Management

Other Applications

### By Organization Size

Large Enterprises

Small & Medium Enterprises (SMEs)

### Key Companies Analysed

International Business Machines Corporation

SAP SE

Oracle Corporation

Bitfury Group Limited

Auxesis Services & Technologies (P) Ltd.

Walmart Inc.

Target Corporation

Alibaba Group Holding Limited

Overstock. com Inc.

Blockverify Limited

Amazon Web Services Inc.

Chronicle Inc.

Coinfirm Limited

The De Beers Group

Everledger Limited

Filament

Inc.

Fluent Inc.

Loyal Corporation

modum. io AG

Provenance Limited

Ripe Technology Inc.

Skuchain Inc.

Sweetbridge Inc.

Taeltech Pte. Ltd.

TE-FOOD International GmbH

VeChain Foundation San Marino S. r. l.

Ambrosus Technologies GmbH

ARCNET Corp.

Block Array LLC

Chainvine Limited

OriginTrail d. o. o.

## Blockchain In Retail 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 Retail 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 Retail market data and outlook to 2034

United States

Canada

Mexico

Europe — Blockchain In Retail market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

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

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

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

Saudi Arabia

South Africa

Iran

UAE

Egypt

## South and Central America — Blockchain In Retail 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 Retail 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 Retail 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 Retail Market Report

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

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

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

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

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

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

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

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

Latest Blockchain In Retail 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*

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