

Comprehensive Report on the Blockchain Commodity Storage Platform Market: Opportunities and Challenges

*The Business Research Company's
Blockchain Commodity Storage Platform
Global Market Report 2025 – Market Size,
Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, November 27, 2025

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What Is The Expected Cagr For The Blockchain Commodity Storage Platform Market Through 2025?



The Business Research
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Explores Market Driver,
Trends, Regional Insights -
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Through 2034"

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The [market size of the blockchain commodity storage platform](#) has seen exponential growth recently. It's expected to expand from \$1.27 billion in 2024 to \$1.63 billion in 2025, with a Compound Annual Growth Rate (CAGR) of 28.4%. The notable growth in the past era is due to the escalating adoption of blockchain technology, the burgeoning need for safe commodity storage, the uptick in demand for transparency in supply chains, the development of digital trade routes, and the surge in fintech solution investments.

The market for blockchain commodity storage platform is anticipated to undergo a significant expansion in the coming years, with forecasts predicting a rise to \$4.38 billion in 2029, boasting a compound annual growth rate (CAGR) of 28.1%. This surge during the forecasted timeframe is largely attributable to the progressive integration of AI and IoT technologies, the surge in the adoption of cloud-based storage, the mounting necessity for real-time monitoring, the broadening of global commodity trade, as well as the heightened concentration on regulatory compliance. Notably, some key market trends in the upcoming period comprise technological progression in blockchain, innovations in IoT-enabled storage, AI-driven analytics development,

research achievements in secure logistics and advancements relating to smart contract applications.

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What Are The Driving Factors Impacting The Blockchain Commodity Storage Platform Market?

The surge in need for transparency in supply chains is anticipated to boost the expansion of the blockchain commodity storage platform industry. Supply chain transparency is the process of giving stakeholders precise and timely details about the origin, movement, and processing of goods at every step of the value chain. The call for transparency is escalating due to regulators enforcing stringent rules related to due diligence, deforestation, and compulsory labor, as well as pressure from civil society actors on firms to reveal their supply chain effects. The blockchain commodity storage platform assists supply chain transparency by providing indelible ledgers, instantaneous inventory visibility, and auditable origin that comply with regulatory and purchaser needs. For instance, as stated by the World Bank in April 2023, a US-based intergovernmental organization, comprehensive supply chain digitalization in developing economies reduced port hold-ups by as much as 70%, and 75% of shippers now choose environmentally-friendly logistics solutions for shipping to wealthier nations. Hence, the surge in need for supply chain transparency is fueling the expansion of the blockchain commodity storage platform industry.

Which Players Dominate The Blockchain Commodity Storage Platform Industry Landscape?

Major players in the Blockchain Commodity Storage Platform Global Market Report 2025 include:

- Amazon Web Services Inc.
- Huawei Technologies Co. Ltd.
- Accenture plc
- Oracle Corporation
- SAP SE
- Infosys Limited
- Bitfury Group Limited
- ConsenSys Software Inc.
- Everledger Ltd.
- CargoX Ltd.

What Are Some Emerging Trends In The Blockchain Commodity Storage Platform Market?

Key players in the blockchain commodity storage platform industry are shifting their focus towards the incorporation of tokenization and digital treasury methods, like tokenized commodity registers and treasury crypto allocation. This strategy offers them a way to stand out in the competitive market. Tokenized commodity registers turn physical goods in storage into negotiable digital tokens, which denote ownership. They make fractional ownership possible and facilitate on-chain settlement and collateralization. For example, in June 2025, Davis

Commodities Limited, an agri-commodity trade firm based in Singapore, publicized its unveiling of a blockchain-integrated agricultural tokenization platform and a digital treasury technique. This method brings smart contract-oriented settlement which amplifies and hastens transactions, on-chain supply chain tracking for unalterable origin, and tokenized collateralization to make institutional lending against tokenized stocks feasible. Thus, the amalgamation of tokenization and digital treasury tools promotes platform usage by generating liquidity, enhancing price discovery, and reducing financing expenses for commodity holders.

[Global Blockchain Commodity Storage Platform Market Segmentation](#) By Type, Application, And Region

The blockchain commodity storage platform market covered in this report is segmented –

- 1) By Component: Software, Hardware, Services
- 2) By Deployment Mode: On-Premises, Cloud
- 3) By Enterprise Size: Small And Medium Enterprises, Large Enterprises
- 4) By Application: Agriculture, Energy, Metals And Mining, Chemicals, Other Applications
- 5) By End-User: Commodity Traders, Warehousing Companies, Logistics Providers, Financial Institutions, Other End-Users

Subsegments:

- 1) By Software: Platform Software, Tracking And Monitoring Software, Smart Contract Management Software, Inventory Management Software, Data Analytics Software, Compliance And Reporting Software
- 2) By Hardware: Storage Devices, Network Infrastructure, Blockchain Nodes, Sensors And Internet Of Things Devices, Security Modules, Servers And Gateways
- 3) By Services: Consulting Services, System Integration Services, Managed Services, Maintenance And Support Services, Training And Implementation Services, Auditing And Compliance Services

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Which Region Holds The Largest Market Share In The Blockchain Commodity Storage Platform Market?

In 2024, North America dominated the global market for blockchain commodity storage platforms. It is projected that the Asia-Pacific region will exhibit the most rapid growth in the coming years. The report on the blockchain commodity storage platform market encompasses several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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