

# **Tokenization Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Solution, Services), By Application (Payment Security, User Authentication, Compliance Management, Others), By Industry Vertical (Retail & E-commerce, Healthcare, IT, Government, BFSI, Energy & Utilities, Others), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Tokenization Market is projected to grow from USD 4.47 billion to USD 17.56 billion, achieving a CAGR of 25.61%. Tokenization converts asset ownership rights into digital tokens on a distributed ledger, a process that facilitates fractional ownership and improves transparency throughout financial ecosystems. The market is primarily propelled by the necessity for instant settlement to reduce counterparty risk and the demand for enhanced liquidity in asset classes that are typically illiquid. Furthermore, financial institutions are adopting this technology to decrease operational expenses by using smart contracts to automate administrative tasks.

Despite ongoing obstacles, market traction is measurable within specific financial instruments. In 2024, the International Organization of Securities Commissions reported that the issuance of tokenized fixed income products reached USD 3 billion. However, the broader market's expansion is significantly hindered by regulatory inconsistency across different jurisdictions. These disparate legal frameworks impose heavy compliance burdens that complicate international transactions and threaten to limit widespread institutional adoption.

## Market Driver

The rising institutional adoption of real-world asset tokenization is fundamentally reshaping financial markets by migrating traditional instruments, such as government securities and money market funds, onto blockchain infrastructure. This transition is largely driven by the requirement for 24/7 liquidity, automated compliance through smart contracts, and the ability to fractionalize high-value assets for wider investor access. Leading asset managers have advanced from pilot phases to full-scale commercial deployment, confirming the technology's operational benefits and attracting significant capital; for example, Crypto Briefing reported in October 2025 that BlackRock's BUIDL fund exceeded USD 1.7 billion in assets under management, highlighting the rapid growth of on-chain institutional products.

Concurrently, the rapid proliferation of digital and contactless payment methods is accelerating the use of tokenization to mitigate cyber risks and improve transaction security. As consumers move away from physical cash, financial service providers are prioritizing the replacement of sensitive account data with unique digital identifiers to prevent unauthorized access and data breaches. This security-first strategy has been effective in curbing financial crime; according to Mastercard in June 2025, transactions utilizing tokenization technology see up to 50% less fraud than traditional card payments. This utility in both payments and asset management supports strong market optimism, with State Street projecting in October 2025 that tokenized assets could represent USD 5 trillion in market value by 2030, reflecting the technology's critical role in the future of global finance.

## Market Challenge

Regulatory inconsistency across jurisdictions remains a primary impediment to the Global Tokenization Market, effectively fracturing the liquidity and efficiency the technology promises. When legal frameworks vary significantly between regions, financial institutions face substantial operational costs in navigating diverse compliance requirements for cross-border transactions. This fragmentation compels issuers to restrict assets to specific domestic markets, thereby negating the core benefit of seamless global value transfer and preventing the creation of deep, unified liquidity pools essential for institutional-grade adoption.

As a result, actual market penetration remains modest relative to the broader financial system, with firms hesitating to commit capital at scale. According to the Tokenized Asset Coalition, the market capitalization of tokenized real-world assets, excluding

stablecoins, was approximately USD 15 billion in 2024. This figure suggests that despite high conceptual interest, the market is struggling to progress beyond pilot phases. The absence of a harmonized regulatory playbook fosters caution among major asset managers, directly dampening growth trajectories and confining tokenization to niche applications rather than allowing it to become mainstream financial infrastructure.

## **Market Trends**

The rapid expansion of private credit and debt tokenization is emerging as a dominant market force, moving beyond an initial focus on government securities to address the widening global trade finance gap. This trend involves the migration of direct lending and corporate debt onto blockchain ledgers, offering issuers faster access to capital while providing investors with yield opportunities that outperform traditional fixed-income products. The technology enables the granular fractionalization of loan portfolios, increasing liquidity and transparency in a historically opaque asset class; this shift is supported by significant market growth, with Markets Media reporting in June 2025 that the value of tokenized private credit assets surpassed USD 14 billion, making up the majority of the total tokenized real-world asset market excluding stablecoins.

Simultaneously, the growth of tokenized green bonds and carbon credits is leveraging distributed ledger technology to improve the efficiency of environmental, social, and governance (ESG) financing. Governments and corporations are increasingly using tokenization to issue digitally native green bonds, which streamlines settlement processes and removes the need for traditional central securities depositories. This approach reduces issuance costs and provides verifiable proof of environmental impact through immutable on-chain data, attracting a wider range of global institutional investors. Validating this momentum, Ledger Insights reported in November 2025 that the Hong Kong Government successfully priced a digital green bond offering of HK\$10 billion, setting a world record for the size of such digital issuances.

## **Key Market Players**

IBM Corporation

Microsoft Corporation

Lookout, Inc.

Fidelity National Information Services, Inc.

Tokeny sarl

Visa Inc.

Broadcom, Inc.

Provenance Technologies, Inc.

Mastercard Incorporated

ChainSafe Systems Inc.

## Report Scope

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

Tokenization Market, By Component

Solution

Services

Tokenization Market, By Application

Payment Security

User Authentication

Compliance Management

Others

Tokenization Market, By Industry Vertical

Retail & E-commerce

Healthcare

IT

Government

BFSI

Energy & Utilities

Others

## Tokenization Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Tokenization Market.

## **Available Customizations:**

Global Tokenization Market report with the given market data, TechSci 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).

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