

BLOCKCHAIN SERVICES

BLOCKCHAIN: ADVANTAGES AND OPPORTUNITIES

A look at how this disruptive technology will change the way middle market businesses operate

WHY EXPLORE BLOCKCHAIN?

What is blockchain, exactly?

In the simplest sense, a blockchain is a ledger that cryptographically signs and secures transaction records. Once executed, the records cannot be changed. The blockchain architecture is best known as the platform supporting cryptocurrencies; it essentially creates digital bearer instruments similar to cash. However, the technology's deeper impact in finance, capital markets and accounting is just beginning to be understood.

Blockchain technology allows for the recording, execution and auditing of transactions as well as automating contracts in real time on distributed ledgers. It can be utilized for payments, securities issuance, contract automation and data transfers of all types.

By eliminating the need for trusted third parties to validate transactions, a blockchain reduces friction and streamlines systems and processes associated with recording and execution of transactions.

What can blockchain do?

- Share sets of books across multiple entities
- Reduce errors and improve supply chain business processes
- Improve trust within a business ecosystem where data is constantly being shared and updated
- Increase efficiency by automatically executing contracts to streamline business interactions
- Enhance visibility into the safety and acceptability of inbound and outbound data, products or value
- Improve regulatory compliance efficiency and consistency across an entire business ecosystem
- Provide better value for customers

Blockchain advantages by industry

Disruption varies by industry, with active innovation affecting some industries sooner than others.

Financial services

- Increased transfer speed
- Enhanced and automated compliance
- Improved insurance claim transparency

Health care

- Streamlined credentialing of medical professionals
- Improved population health management
- Expedited claim reimbursement

Food and beverage

- Improved food traceability and enhanced recall efficiency
- Enhanced quality verification
- Increased payment efficiency through smart contracts

Manufacturing

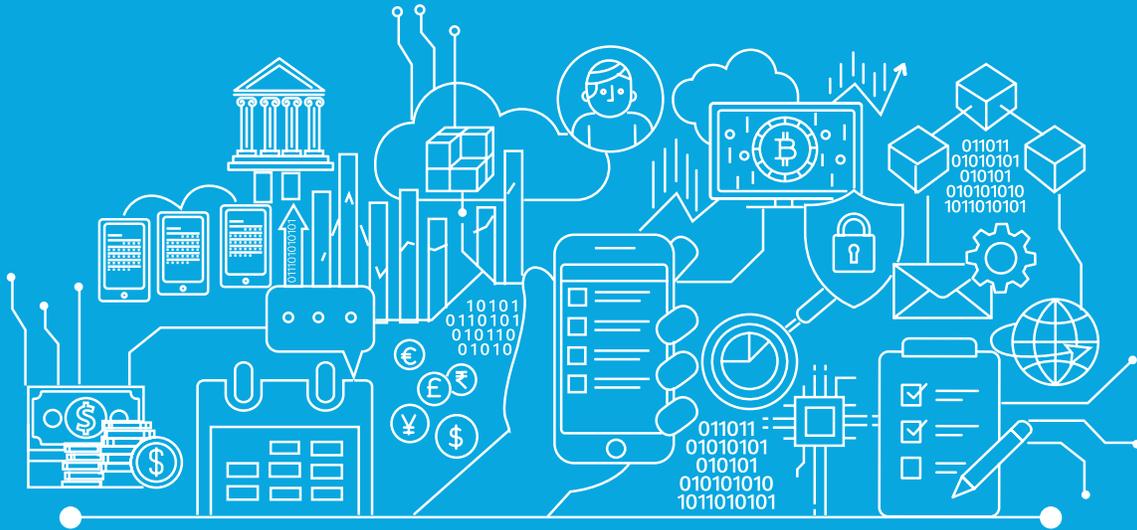
- Improved supply chain efficiency
- Enhanced real time value-added tax calculation
- Increased analysis capabilities

Consumer products

- Enhanced product tracking and verification
- Increased supply chain connectivity and efficiency

Life sciences

- Improved product and ingredient tracking
- Significantly reduced possibility of counterfeit products entering system
- Increased research and development efficiency



Real estate and construction

- Increased property liquidity
- Expanded user base
- Improved security and organization for record storage

Government contracting

- Improved process transparency
- Reduced time in grant and contract approval process
- Improved accountability for fund spending

Nonprofit

- Improved donation and services transparency
- Enhanced distribution of charitable funds

Education

- Improved degree and transcript verification
- Enhanced student identification and verification
- Increased document efficiencies

Why RSM?

Our strong, client-centric approach differentiates us. We strive to understand you, your business and your aspirations. By sharing the ideas and insights of our senior professionals, we bring our local and global knowledge and resources to your environment so you feel empowered to move forward with confidence.

Dedicated blockchain professionals

Technology is instrumental in driving business growth. We understand the complex business challenges our clients face and align people, processes and technology to help meet each organization's strategic goals.

We have an integrated team of audit, tax and consulting professionals committed to serving the blockchain industries. They provide industry-leading guidance on relevant issues in:

- Accounting
- Anti-money laundering
- Audit
- Custody
- Implementation
- Operational risk
- Regulation
- Taxation
- Valuation

We provide clients up-to-date, thoughtful business strategies in this extremely fast-paced environment.

Local knowledge, global resources

We are a world leader in providing audit, tax and consulting services to middle market leaders. Our motivation is to help you think ahead and prepare for the future of your business as you grow and expand your footprint domestically and abroad.

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