

Brought to you by Blockcube Limited.
Blockcube is a Blockchain Consulting, Research & Development Firm

Blockchain — E KYC



blockcube

Consulting

We are harnessing the power of Blockchain technology to revolutionize the everyday world. We provide Blockchain powered solutions to major industry players.

Research

We create the transformational technologies and expertise to operationalize intelligent decisions w.r.t. Blockchain.

Analytics

Using the latest in research technologies, we uncover rich insights so our clients can make more informed decisions.

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Blockchain Potential in Insurance

What's inside?

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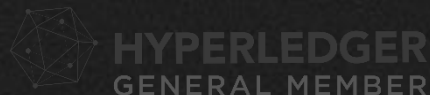


01

About Blockcube

What we do?
How we do?

With 8+ years of Blockchain Expertise, we have helped advance the industry to where it stands now. Our founders have been contributors in renowned projects like Bitcoin Core, Ethereum and Hyperledger.



01. Blockcube Limited

Unlocking the Potential of Blockchain/DLT

Aim for Innovation and establishing the processes which delivers the quality services

01. About Blockcube

Blockcube was founded by Mr. Arjun Mishra and Dharmveer Singh with a vision to lead the Blockchain/ Distributed Ledger Technology sector with its world class and proven expertise's. It aimed to optimize the services in the telecom sector, land registry, vehicle registration (RC transfer, PUC certificates etc.), Electronic health records and Drug Traceability in Medical sector, Financial services, Pregaband, Supply chain etc. The brand leads the industry with futuristic technology and sustainable solutions to the companies as well as government . Blockcube has been offering its cutting edge technology and professional expertise to leading Telecom sector and supply chain and medical sector . We help them to improve data security and data processing for increasing efficiency, transparency of the system.

Excellence by implementing best practices, futuristic solutions Putting its technical advantage to the best of practices, Blockcube expanded its horizon to include e-governance.

Blockcube is one of the leading research houses in Blockchain. We provide specialized consulting in blockchain from world-experts. We build, train, advise and research.

We are harnessing blockchain technology/ DLT to revolutionize the everyday world. We provide blockchain powered solution to industries like healthcare, e-governance, finance, logistics, media and more. We cater to all verticals where blockchain can plugged in and are set to change the face of many industries where believe we can leave a strong footprint.

Leveraging Blockchain technology, we create products for everyday economies in which our team ensures security and scalability apart from designing the solution according to your individual and business needs. We provide strategies and solutions that help transform your business and helps you attain next level of success along with connecting the various complimentary entities in the world and forming a chain of accomplishment with Blockchain.

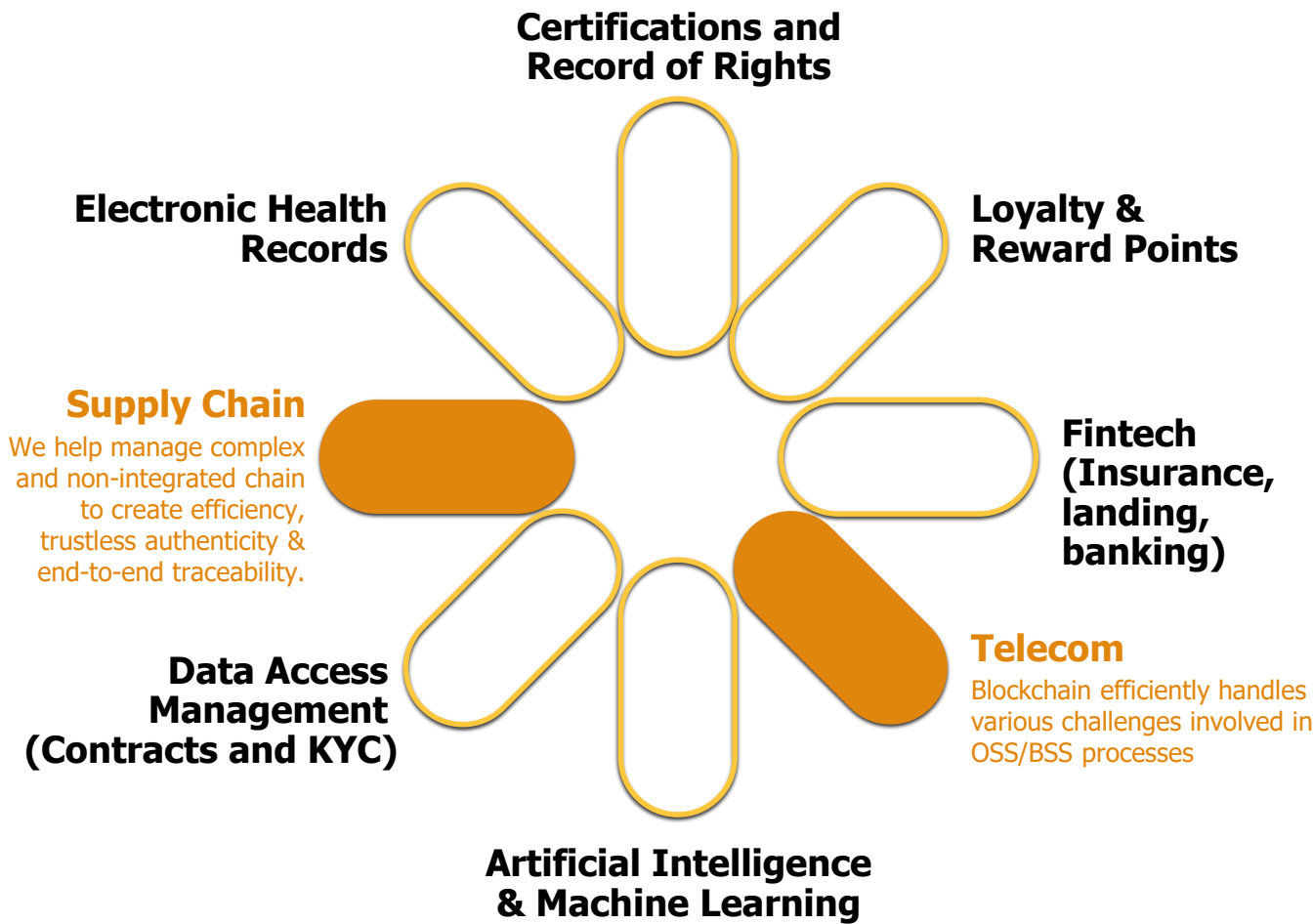


02. About Blockcube

We are harnessing the power of Blockchain technology to revolutionize the everyday world. We provide Blockchain powered solutions to industries like healthcare, e-governance, finance, supply-chain, defence, media, advertisement and more to count.

01. Blockcube At Your Service

Blockcube is one of the leading Blockchain Research and Consulting company with 8+ years experience. We build, train, advise and research.



02. Our Methodology

There is potential for Blockchain to remove intermediaries, or otherwise reduce business-process friction where centralised functions act as bottlenecks.





02

About Blockchain

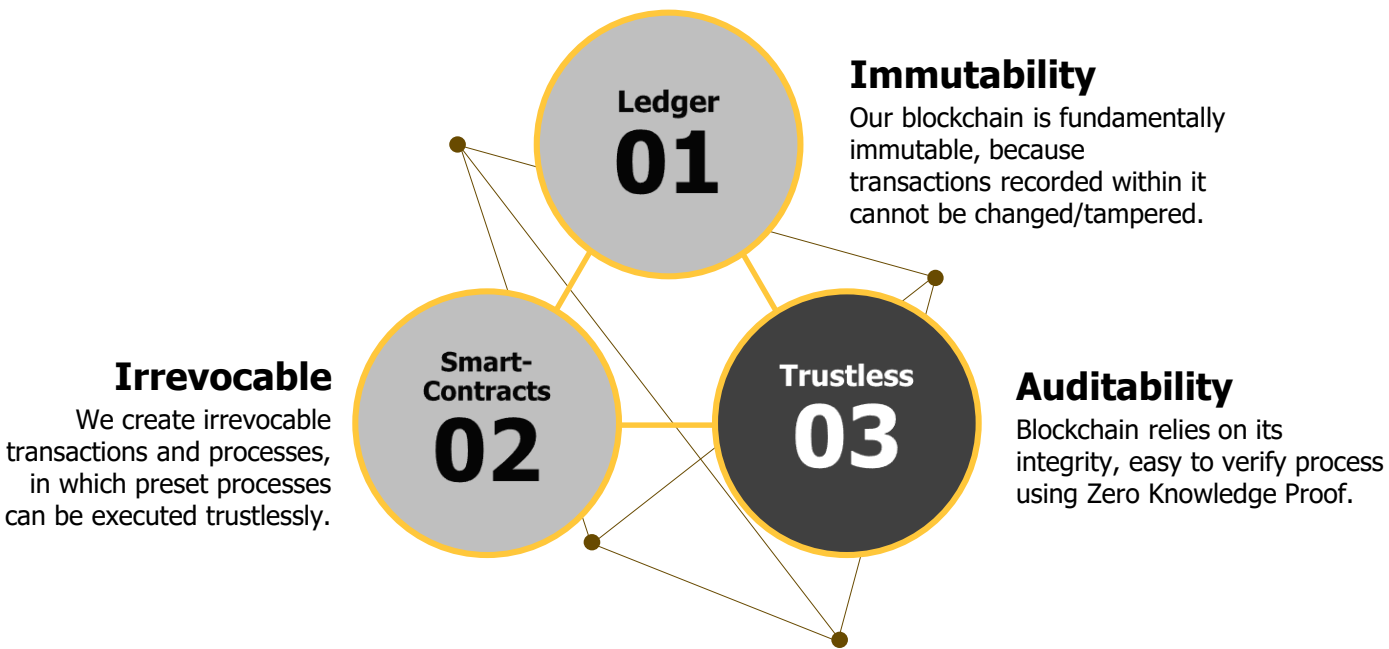
What it is?
How it works?



Blockchain / DLTs

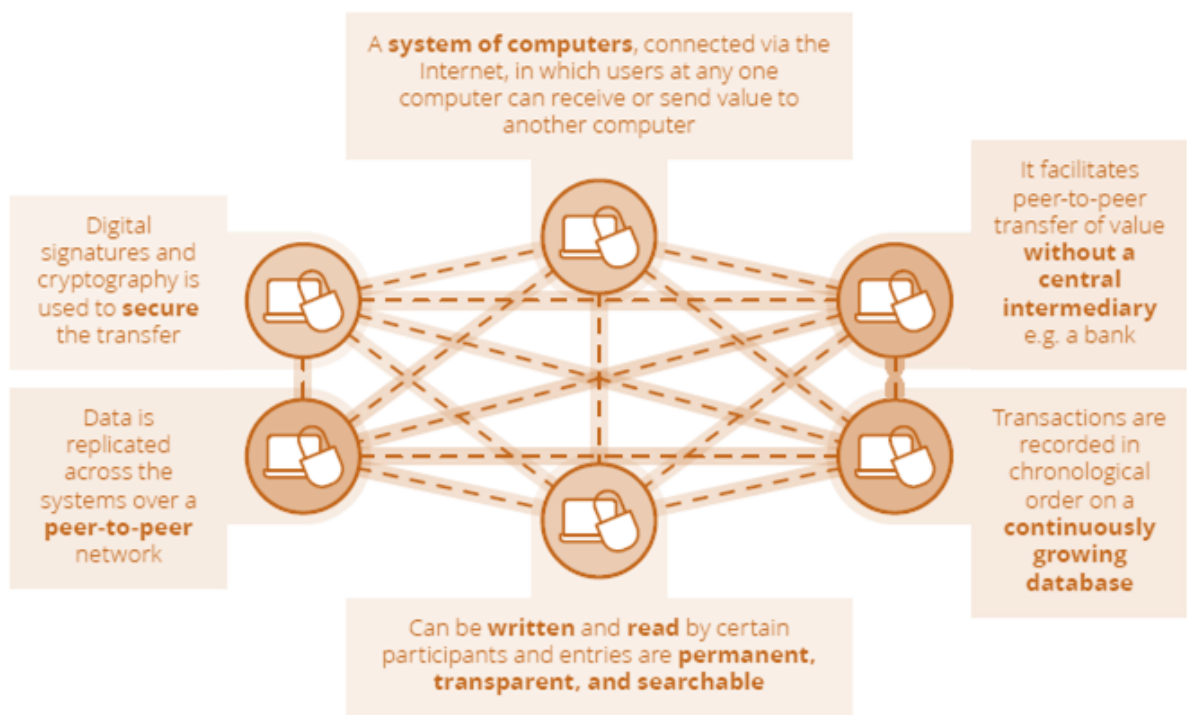
How Blockchain Works?

Blockchain provides an ex-ante enforcement of technical rules, thereby reinforcing the opportunities of regulation by code and the corresponding legal implications it might entail.



01. How Blockchain Works

Blockchain is a consensus-driven, peer-to-peer network of secure and decentralized nodes forming a distributed ledger, with each node having simultaneous access to transactions updated in the ledger.

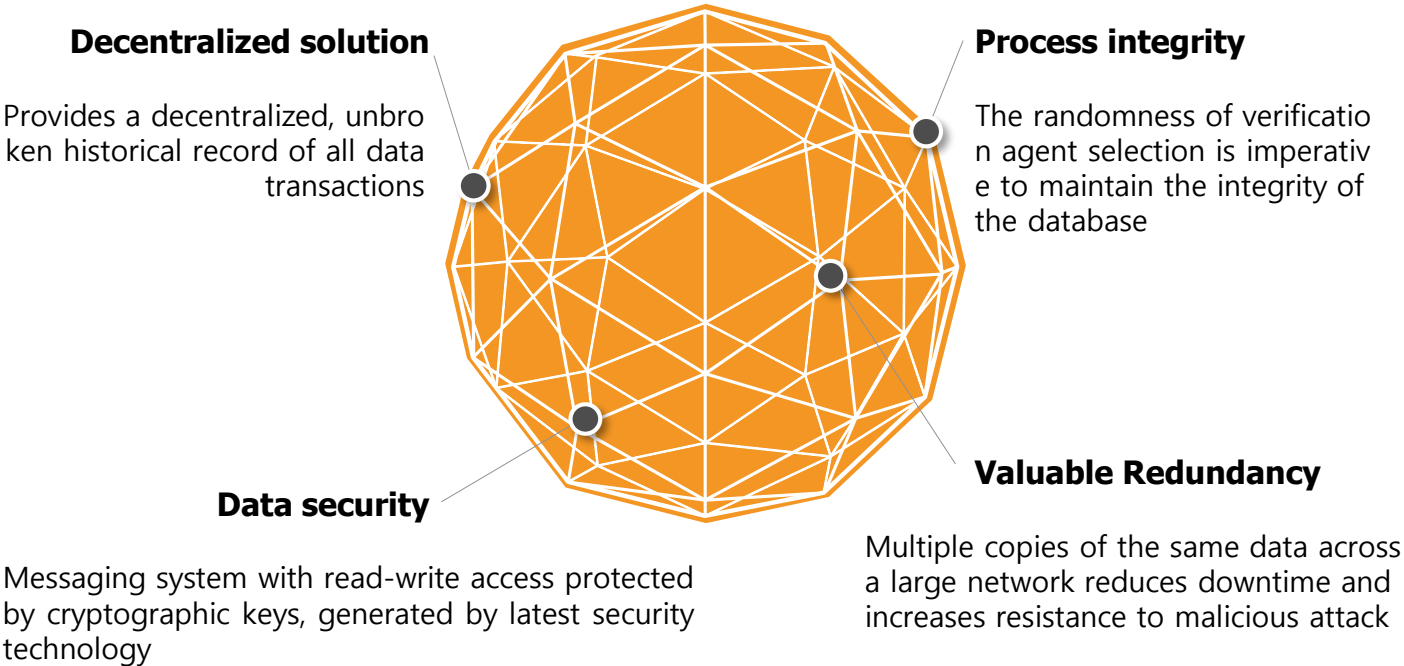


Blockchain/DLT

What is Delegated Proof of Process?

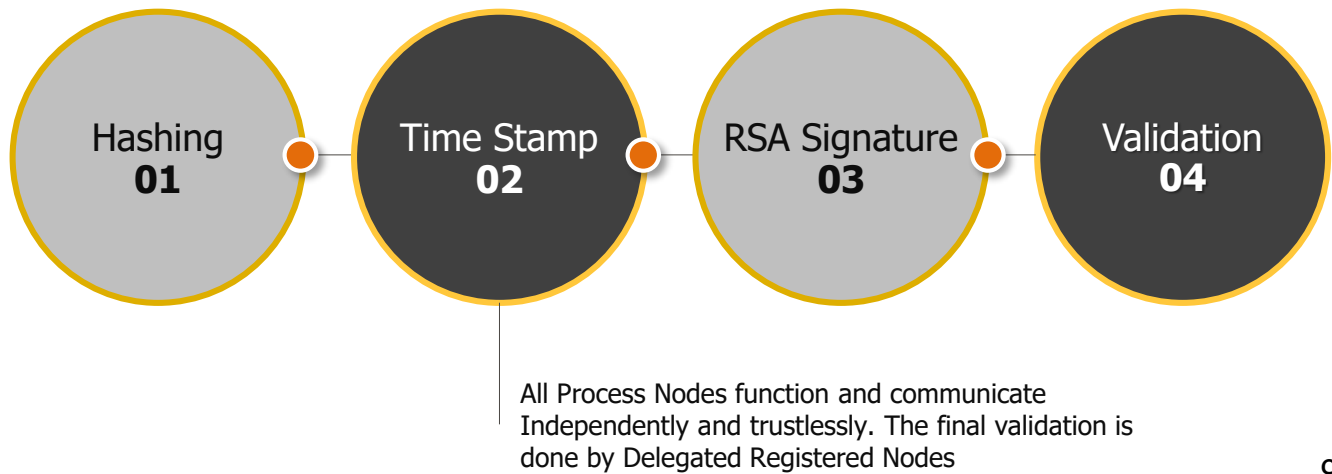
Delegated Proof of Process is our Patent Pending Consensus algorithm which is used to create fault tolerance and efficiency between the distributed nodes.

01. Elements of Blockchain



02. Proof-of-Process Consensus

Proof of Process enables supervisors to trust a typical process by disassociating the proof of data from the real source of data manifestation in a way that yields a solitary proof that can guarantee the process.



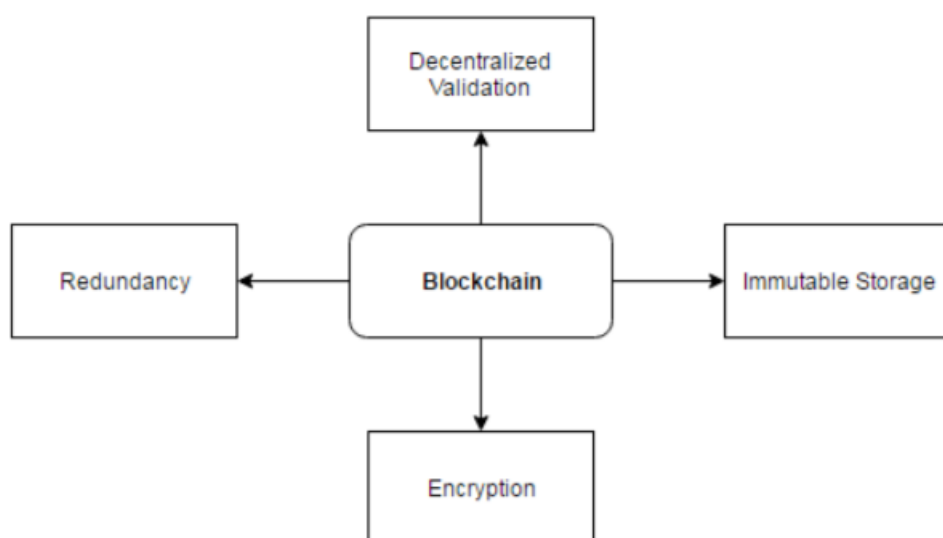
Blockchain/DLT

Blockchain/DLT Characteristics

Blockchain is poised to rewrite the rules of competition in the insurance industry by streamlining operations.

01. Blockchain Characteristics

- 1. Decentralized Validation.** Any transaction in the blockchain technology needs to be approved by the nodes in the network which can be other insurers, governmental organizations, financial institutions, or voluntary organizations. New transaction or data is packed into blocks only after consensus approval for all participating nodes.
- 2. Redundancy.** The replication of data on each node or group of nodes helps prevent the situation of single point failure.
- 3. Immutable Storage.** Each stored block in blockchain is attached to previous node and additional security is provided by generating a digital fingerprint to the new block from the previous block using a hash function which takes date and time as the input parameters. Hence any change in the block will require a change in the entire block chain and the replications of this data chain on node machines making it impossible for hackers to hack.
- 4. Encryption.** Blockchain technology provides encryption of all the transaction related information among participating nodes and it is done in order to keep transaction data safe and make sure that it reach the intended recipient without being hampered.



03.Product Proposed



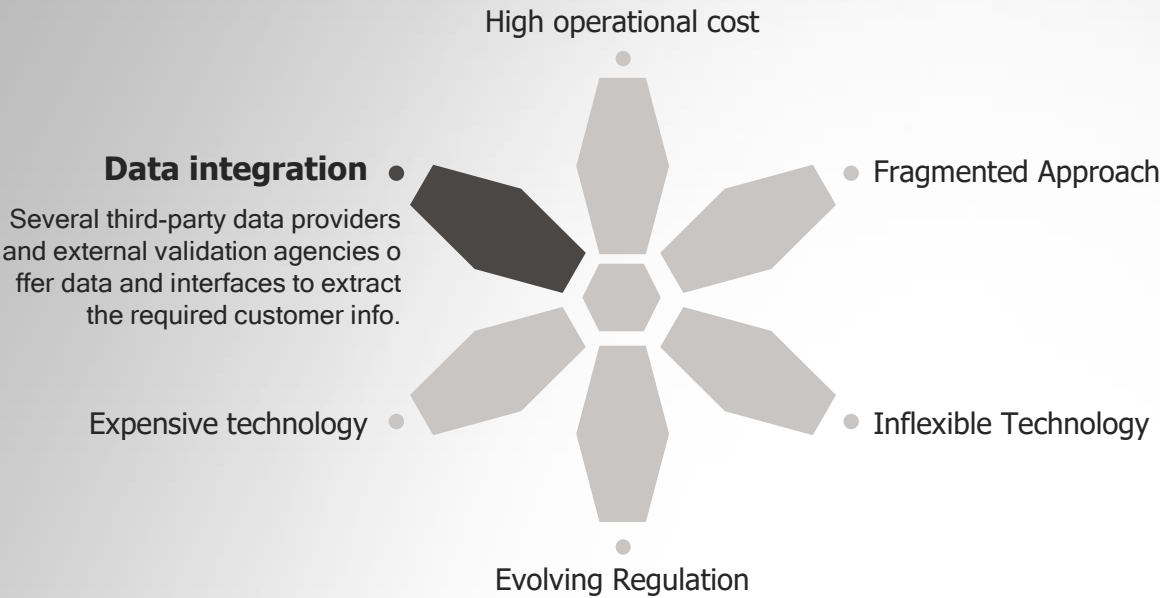
Know Your Customer

Decentralized KYC solution

Know Your Customer (KYC) is a big part of AML. Information such as name, social security number, birthday, and addresses can be very useful when determining whether or not an individual is involved in a financial crime

01. Current challenges

Here are some major KYC compliance challenges that banks and financial institutions are facing:



02. New Possibilities

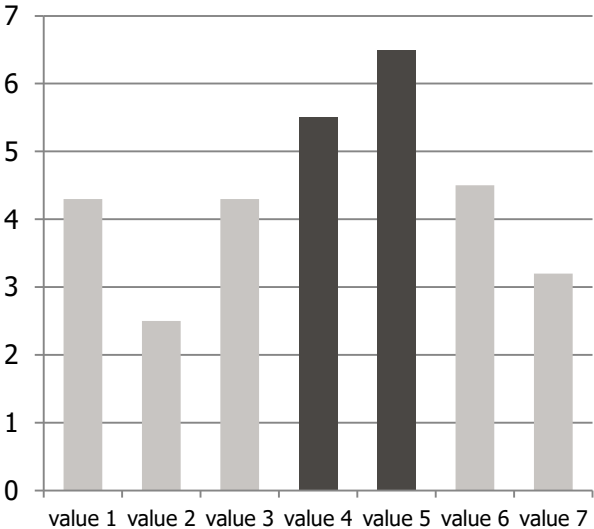
A satisfied customer is the best business strategy of all. It is the process of business identifying and verifying the identity of its clients

- 1

Proof of Process Reporting
At any point a report can be generated that visualizes and describes in detail dates, times, metadata, and signed cryptographic proofs of any part of a workflow.
- 2

Universal Traceability
The origin of any document, contract, or piece of media can be traced independently of any single actor or system by using publicly available tools
- 3

Digital Notarization
Digital files can be signed through a process of cryptographic hashing and time stamping, creating an immutable blockchain record with a unique digital signature



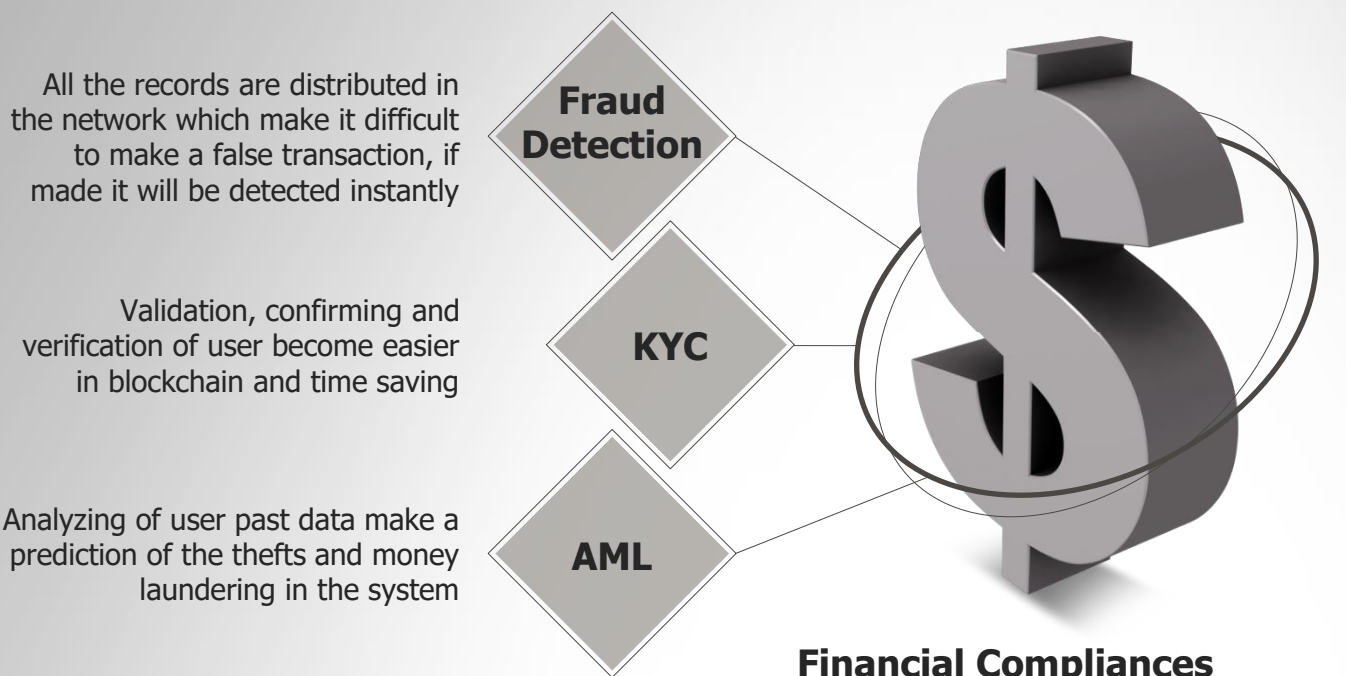
Compliance Management

Blockchain Enabled Compliance

Blockchain technologies have the potential to radically change compliance and regulation improving efficiency, reliability and transparency.

01. Blockchain applications in compliances

One of the most exciting features of blockchain from the compliance perspective is its practical immutability: as soon as data is saved into the chain, it cannot be changed or deleted. That is why blockchain is used as the document or proof for the transfer of any digital asset



Financial Compliances

Through blockchain technologies and smart contracts, regulation and compliance can be automatized.

02. Why blockchain in regulatory compliance?

Regulatory compliance and efficiency utilizing blockchain.

Proof of Transaction Blockchain is a system of decentralized "nodes" (or computers confirming transactions occurring on the network and maintain the decentralized network.	Audit Trial DLT that make it ideal in the regulatory compliance space, including formation of an audit trail and the immutability once added to ledger.	Authenticity & Transparency Blockchain tracks all verified transactions; therefore, there is no need for regulators to question the authenticity of the record
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04.Blockchain Influence



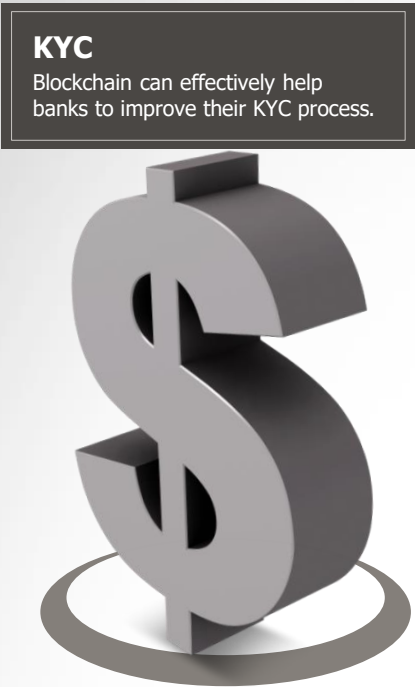
Influence of Blockchain

Transformation

"It is only a matter of time before the broader financial services and banking industries shift to blockchain and network-based approaches."

01. Sectors influenced by Blockchain

"In lots of areas, it looks like the blockchain will replace the current centralized business model of the financial services industry."



02. Will blockchain really have an impact on Finance?

According to Credit Suisse, the focus has been on automating operations processes and improving transparency to reduce the regulatory burden on the industry..



Thank you

