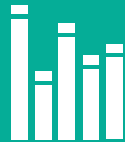


# BankChain

Community of banks for exploring, building and implementing blockchain solutions



8 Live Projects

37 members

Exclusive events and trainings

Democratic Governance

All members get node and code of all projects

20<sup>th</sup> July 2018



# Background



Financial markets & institutions rely very heavily upon technology for every part of their business. Current pain-points in financial technologies:

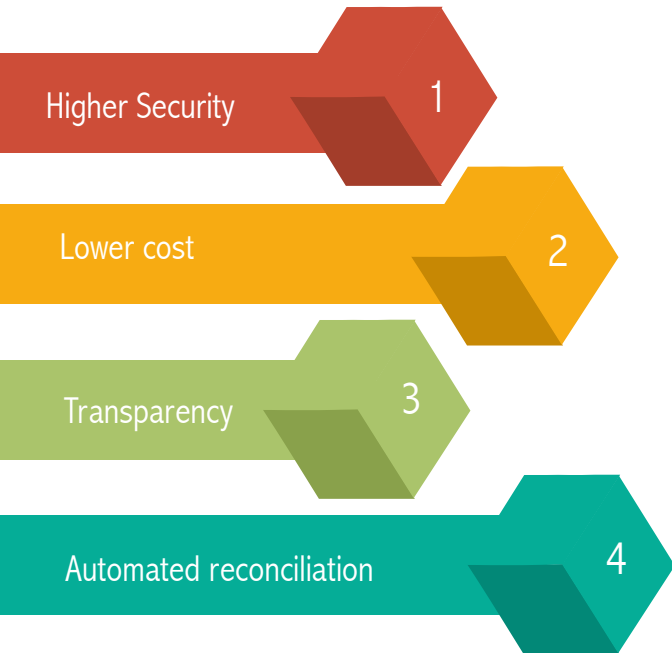
1. High maintenance and support costs
2. Out-dated IT systems
3. Need for manual reconciliation
4. Systems that don't "talk" to each other

BankChain™ is a community of banks for exploring, building and implementing blockchain solutions. Formed in February 2017 with State Bank of India being the first member, BankChain now has 37 members globally.

BankChain™ is operated by Primechain™ Technologies, a global blockchain company with the mission of creating blockchains for a better world.



# Why blockchain?



- 01** Blockchain removes the characteristic of infinite reproducibility from a digital asset. It confirms that each unit of value was transferred only once, solving the long-standing problem of double spending.
- 02** A blockchain can assign title rights because it provides a record that compels offer and acceptance.
- 03** By storing data across its network, a blockchain eliminates the risks that come with data being held centrally.
- 04** A blockchain lacks centralized points of vulnerability that hackers can exploit. It has no central point of failure.



# Bankchain Members

- State Bank of India
- ICICI Bank
- DCB Bank
- Kotak Bank
- Federal Bank
- Deutsche Bank
- UAE Exchange
- Emirates NBD
- Lulu Exchange
- RAKBANK (National Bank of Ras Al-Khaimah)
- South Indian Bank
- National Payments Corporation of India
- Saraswat Bank
- RBL Bank
- TJSB Sahakari Bank
- CCIL
- Bank of Baroda
- Mahindra & Mahindra Financial Services Limited
- Export-Import Bank of India
- Al Fardan Exchange
- IndusInd Bank
- Riviera Investors (NBFC)
- Axis Bank
- Yes Bank
- TBA
- Aadhaarshila Enroll Systems Pvt. Ltd.
- Dubai Islamic Bank
- Intel
- Adarsh Credit Co-operative Society Ltd.
- BFC Group Holdings W.L.L.
- Bank of Maharashtra
- Bank Dhofar
- Citibank, N.A.
- HDFC Bank
- Indian Bank
- Bank of India
- MBank



# Bankchain Partners

Managed and operated by: Primechain Technologies Pvt. Ltd.

Infrastructure Partner: Skylark Information Technologies Pvt. Ltd.

Exclusive Cloud Partner: Microsoft

Cyber Security Advisor: Data Security Council of India

Preferred Technology Advisor: Intel

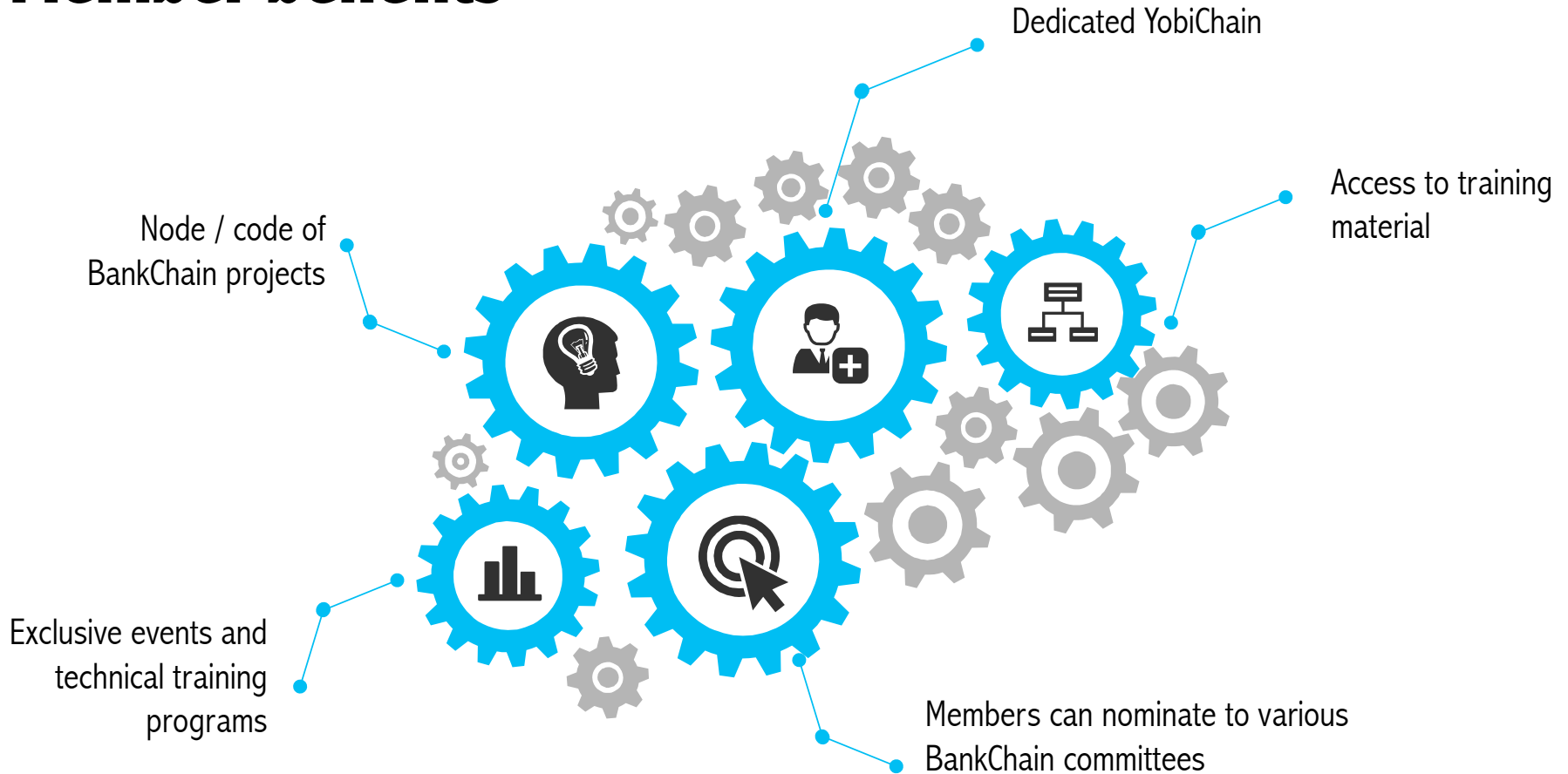
Strategic partner: MEDICI Prim Fintech Pvt. Ltd.

Preferred Legal Advisor: Jerome Merchant + Partners

Integration Partner: IBM



# Member benefits





# Bankchain Projects



1. Corporate KYC and Charge Registry
2. Cross border remittance
3. Bank Guarantees & other Documentary Credits
4. Employee background verification
5. Document authentication, verification & storage
6. Vendor on-boarding
7. Invoice discounting / supply chain finance / factoring
8. Non-performing assets (NPA) and other stressed assets

# Corporate KYC and Charge Registry



Primechain-eKYC is a permissioned blockchain for sharing and monetizing corporate KYC, due-diligence and charge related records.

Primechain-eKYC records are stored in the blockchain in an encrypted form and can only be purchased by banks that have been "whitelisted" by the issuer bank. This ensures data privacy and confidentiality while at the same time ensuring that records are shared only between banks that trust each other. Records can be in 22 categories and 174 sub-categories.

Current Version: 1.0

Platform: Multichain, Hyperledger Sawtooth



# Cross border remittance



Primechain-P5 is a permissioned blockchain for near real-time cross-border remittance at zero cost. Some of the key features of P5 are:

- 100% API driven technology
- full transaction history and a single source of truth
- enablement of real-time monitoring by regulators
- minimisation of fraud
- minimisation of locked-in capital

Current Version: 1.0 beta 1

Platform: Multichain

# Bank Guarantees & other Documentary Credits



Primechain-GUARANTEE is a permissioned blockchain repository of Letters of Undertaking, Bank Guarantees, Letters of Credit and other Documentary Credits.

Primechain-GUARANTEE records are stored in the blockchain in an encrypted form and can only be viewed by banks that have been "whitelisted" by the issuer bank. This ensures data privacy and confidentiality while at the same time ensuring that records are shared only between banks that trust each other.

Current Version: 1.0

Platform: Multichain

# Employee background verification



Just as “bad” customers pose a huge threat to the financial and capital markets, “bad” employees pose a massive threat to employers (companies, Government agencies, organisations).

Primechain-EMPLOYEE is a blockchain that allows trusted employers to share employee records in a transparent, secure and confidential manner. These records can be used by trusted employers to conduct comprehensive background checks of new employees at a fraction of the current background verification cost. Today, employers spend money on employee background verification. With Primechain-EMPLOYEE, employers can turn this from a cost into a revenue stream.

Current Version: 1.0

Platform: Multichain

# Document authentication, verification & storage



Companies enter into thousands of contracts with their vendors, partners, customers and employees. Contracts can have huge legal and financial implications and hence it is essential for all companies to have a robust paper-less contract management system.

Primechain-CONTRACT is a permissioned, private, blockchain-powered solution for contract management - secure storage, authentication & verification. Primechain-CONTRACT can be setup on your public / private cloud or your servers on-premise. In both options you have 100% control over all your data.

Current Version: 1.0

Platform: Multichain

# Vendor on-boarding



Primechain-VENDOR is a permissioned blockchain for

1. Vendor on-boarding
2. NDA generation & signing
3. Vendor rating

Primechain-VENDOR records are stored in the blockchain in an encrypted form and can only be viewed by organizations that have been "whitelisted" by the vendor.

Current Version: 1.0 beta 1

Platform: Multichain

# Invoice discounting / supply chain finance



Primechain-INVOICE is a permissioned blockchain that enables suppliers to sell their invoices at a discount to investors. This enables suppliers to get faster access to money they are owed and enables buyers to get more time to pay.

Instead of relying on the creditworthiness of suppliers (usually smaller businesses), the investors deal with buyers (usually large businesses). This can lower financing costs, optimize working capital and improve business efficiency.

Current Version: 1.0

Platform: Multichain

# Non-performing assets (NPA)



Non-performing assets (NPAs), restructured loans, assets under reconstruction and written-off assets - collectively called 'stressed assets' have become a multi-trillion dollar challenge for the global banking sector.

Primechain-ASSET is a permissioned Blockchain for creating a transparent and competitive market for stressed assets.

Current Version: 1.0 beta 1

Platform: Multichain



# Bankchain Governance

## BankChain Steering Committee

Each member can nominate 1 person to the BankChain Steering Committee, which is responsible for the overall direction of BankChain.

## BankChain Technology Committee

Each member can nominate 2 persons to the BankChain Technology Committee, which is responsible for the technological direction of BankChain.

## BankChain Regulatory Committee

Each member can nominate 2 persons to the BankChain Regulatory Committee, which supervises the regulatory, data privacy and data security implications of BankChain activities.

## BankChain Business Committee

Each member can nominate 2 persons to the BankChain Business Committee, which analyzes the business and commercial implications of BankChain activities.





# Primechain Technologies

Bankchain is operated by Primechain Technologies, a company with the mission of building blockchains for a better world.

1. We operate the Autonomous Blockchain for Corporate Data (Primechain-ABCD) and the P5 cross border remittance platform.
2. We are working closely with Microsoft, Intel, IBM and Dell.
3. We maintain Primechain-BSC: Blockchain Security Controls, the world's first security controls and recommendations for blockchain implementations.
4. YobiChain, our open source project, enables anyone to build a private blockchain ecosystem preloaded with development tools, database, web & FTP servers and blockchain proof-of-concept applications within minutes.
5. We are developing Primechain BOX, the world's first multi-node, pre-configured blockchain appliance.



# Contact Us

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