RAPIDQUBE

TRANSFORMING BUSINESS PARADIGMS

# RaCP v1.0
# Crowd Funding Platform

# Vision and Mission

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## Vision

Is to become the incubator for developing successful future ready business solutions by innovative use of next generation disruptive technology and automation.

## Mission

Is to help our clients achieve and exceed their digital technology adaptation goals and make digital technology become a pillar of their business growth and profitability. We seek to accomplish this through creation and superior execution of fully customized, robust and scalable next generation, disruptive technology solutions including automation of business processes that are unique to every client.

# Rapid Crowdfunding Platform (RaCP)

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Our Solution entails creation of a crowd funding solution using smart contracts and building a shared transaction ledger between fund raisers, funders and Organisations/Institutions to ensure successful flow of funds.

This Block chain technology helps in facilitating-

- ❑Customised funding/benefit model to suit individual needs of Fund raisers
- ❑Untampered Rating and Review system to boost investors credibility
- ❑Transparent reporting for regulatory compliances
- ❑Consensus based authorization for secured and trusted transactions

# Participants

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## Service Provider

- Facilitates Crowdfunding platform
- Authenticates and authorizes participants and transactions
- Validates whether funding goals are met and commitments are delivered

### 1. Fund raiser

- Creates Campaign
- Executes Campaign
- Delivers commitments

### 3. Customer/Institution

- Approves the success of Campaign

### 2. Funder

- Funds the campaign
- Recommends the campaign

### 4. Financial Institution

- Facilitates transfer of funds

# Rapid Crowdfunding Platform (RaCP)

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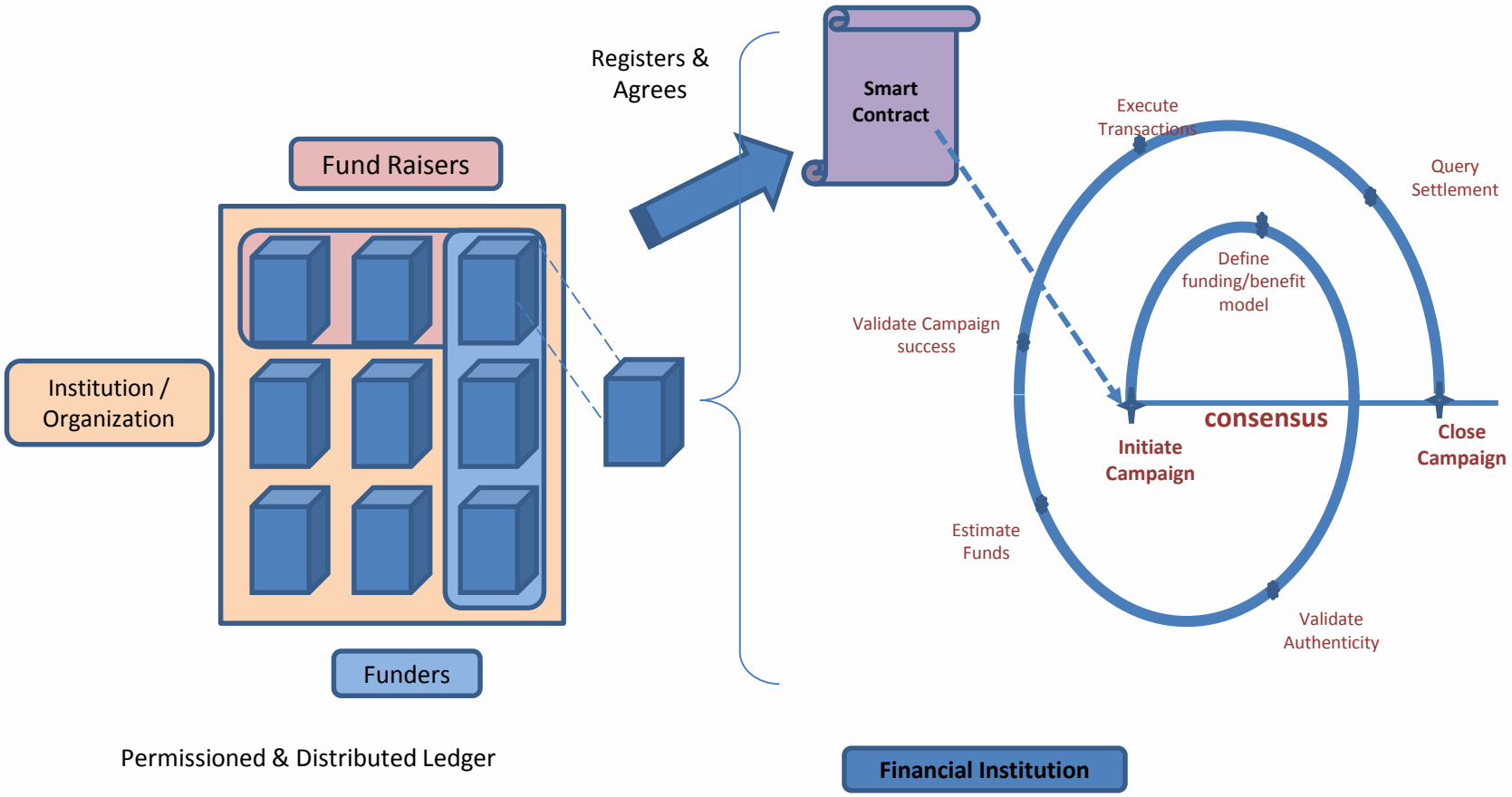

# Processes

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**Service Provider**

1. Authorises participants
3. Validates Campaign
7. Closes funding based on defined goals
11. Validate Closure

**1. Fund raiser**

2. Creates Campaign
4. Invites Funders
6. Accepts Funding
10. Executes Campaign
11. Commitments delivered

**2. Funder**

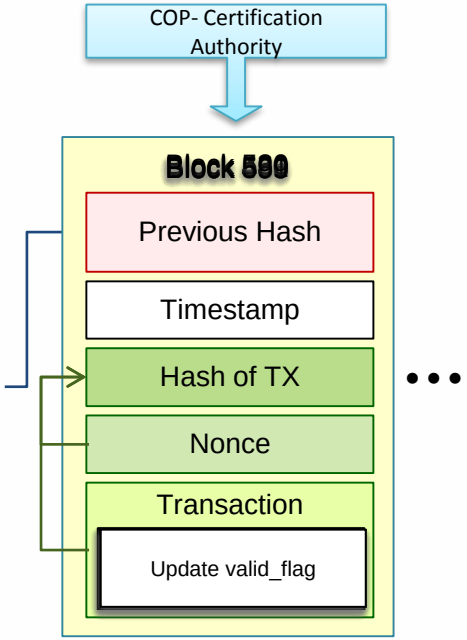
5. Bids for Funding

**3. Customer / Institution**

9. Fund received

**4. Financial Institution**

8. Transactions triggered

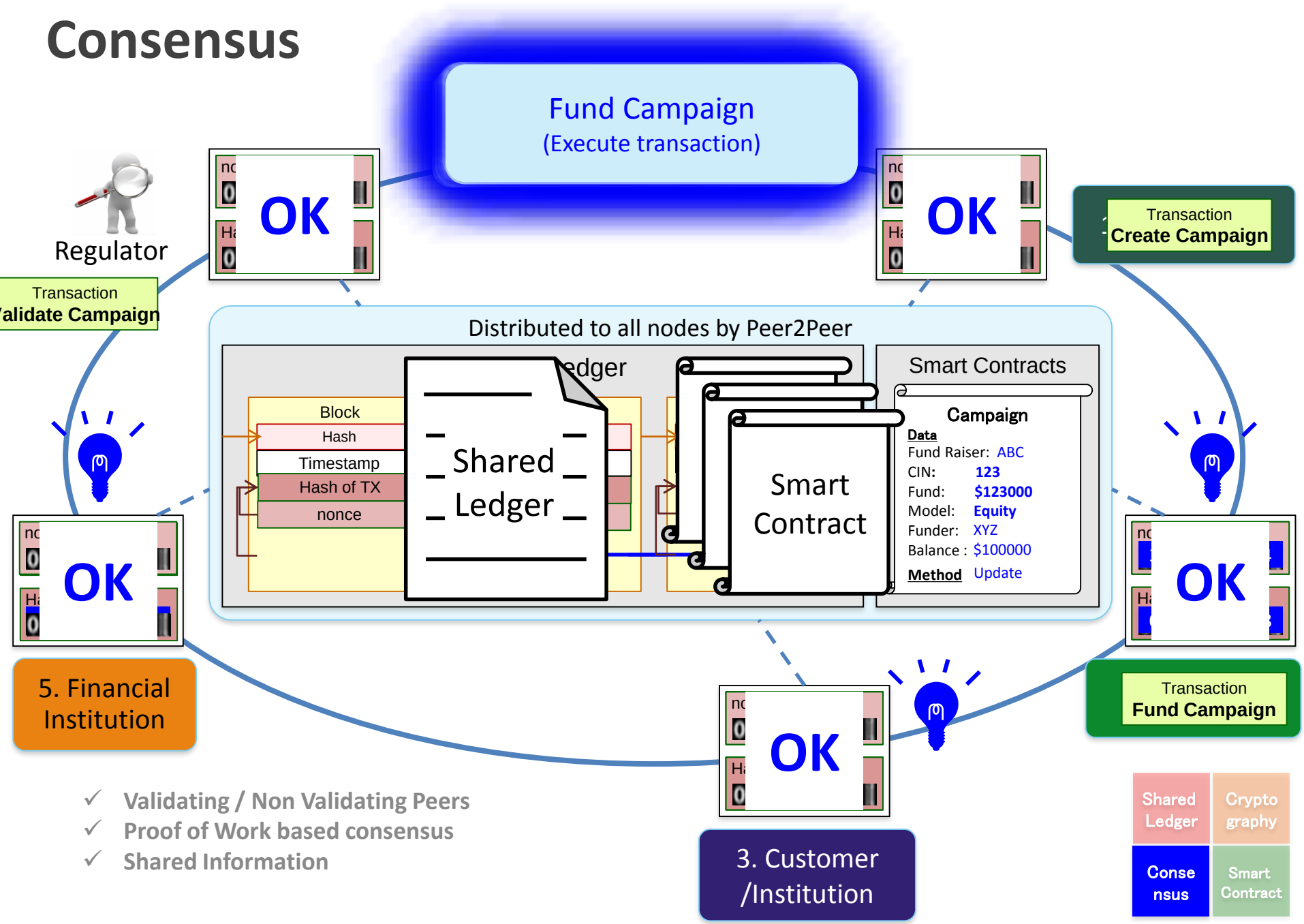



**A block may contain more than one transaction and each of them hashed.*
**References to web services for validations are not demonstrated here.*

- ✓ Permissioned
- ✓ Secured
- ✓ Transparent
- ✓ Privacy
- ✓ Unlikable identity

- ✓ Auditability
- ✓ Append only
- ✓ Automatic Processing
- ✓ Built-in Validations
- ✓ Reduced Effort

# Consensus




- ✓ Validating / Non Validating Peers
- ✓ Proof of Work based consensus
- ✓ Shared Information

# Business Benefits

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Validated among separate nodes creates a platform which promises to remedy existing pain points such as:

- ✓ Transparency, consensus and smart contracts instills confidence to participants and results in high volumetric transactions
- ✓ A record of consensus with a cryptographic audit trail of transactions to meet regulatory demands any time
- ✓ Create near real-time settlement of funds and benefits immediately after funding goals are met
- ✓ Strengthen risk management through stronger auditability and counterparty ties
- ✓ Membership services, Review and Rating systems protects the platform from funding scams

# Typical Architecture

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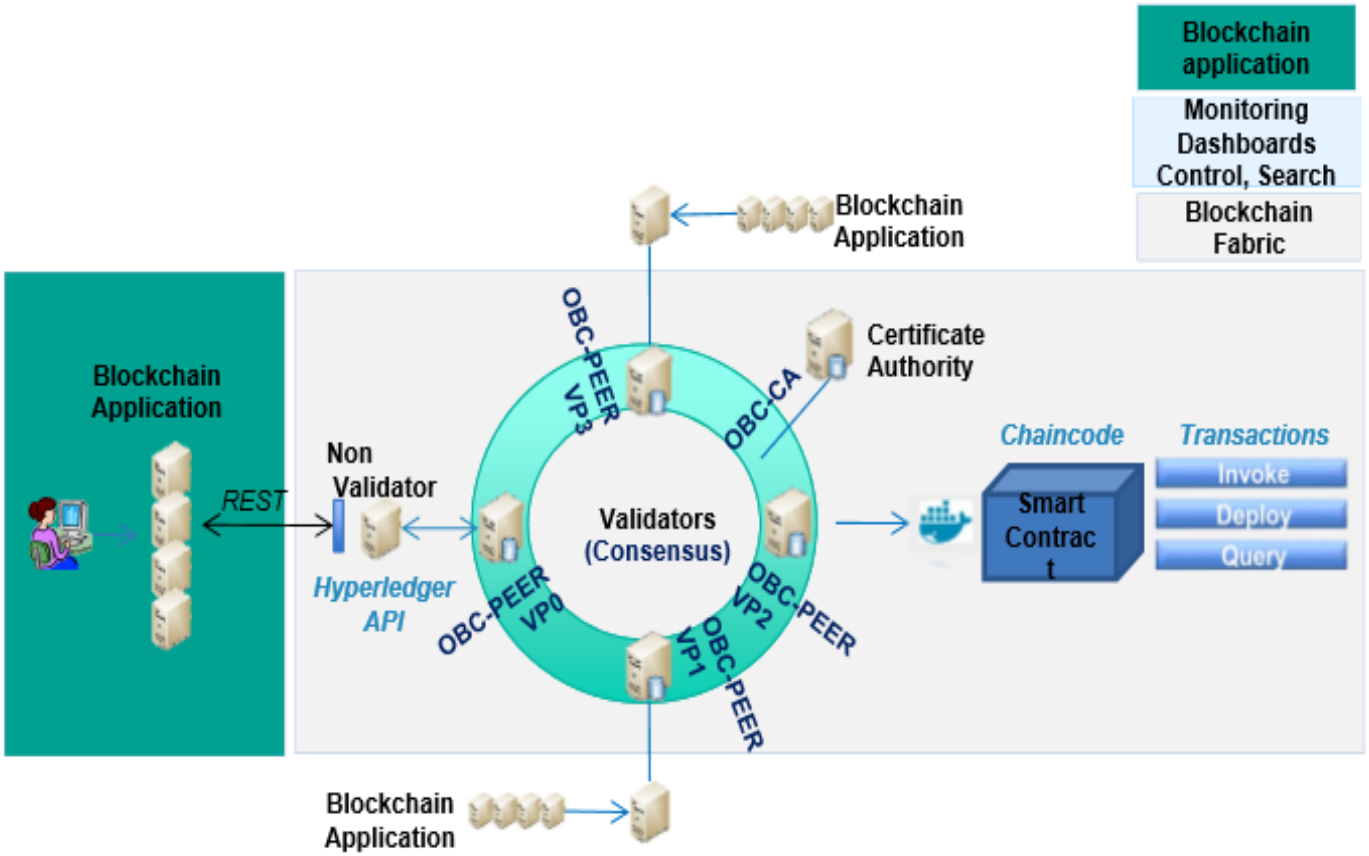

#415, Fourth Floor,
The Corporate Center Phase I, Nirmal Lifestyle,
L B.S Marg, Mulund West, Mumbai
Maharashtra - 400080 India.

Email: info@rapidqube.com
Phone: +91 22 256 73235

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