Enterprise Transformation & Blockchain

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Digital is forcing enterprises to Unlearn & Learn again

Organizations need to adapt to change, but How?

Thought bubbles:
- Create New Customer Experiences
- Improve Operational Efficiencies
- Generate New Revenue Streams
- Rapidly Respond To Changing Conditions

How?

- Develop And Execute A Vision For Digital Transformation
- Take An Ecosystem-first Approach To Delivering Products And Services
- Manage Information Effectively
- Create Flexible And Reliable Human Resource Model
- Optimize Business Processes For Speed, Efficiency, Quality, And Agility

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What to Unlearn and Learn Again
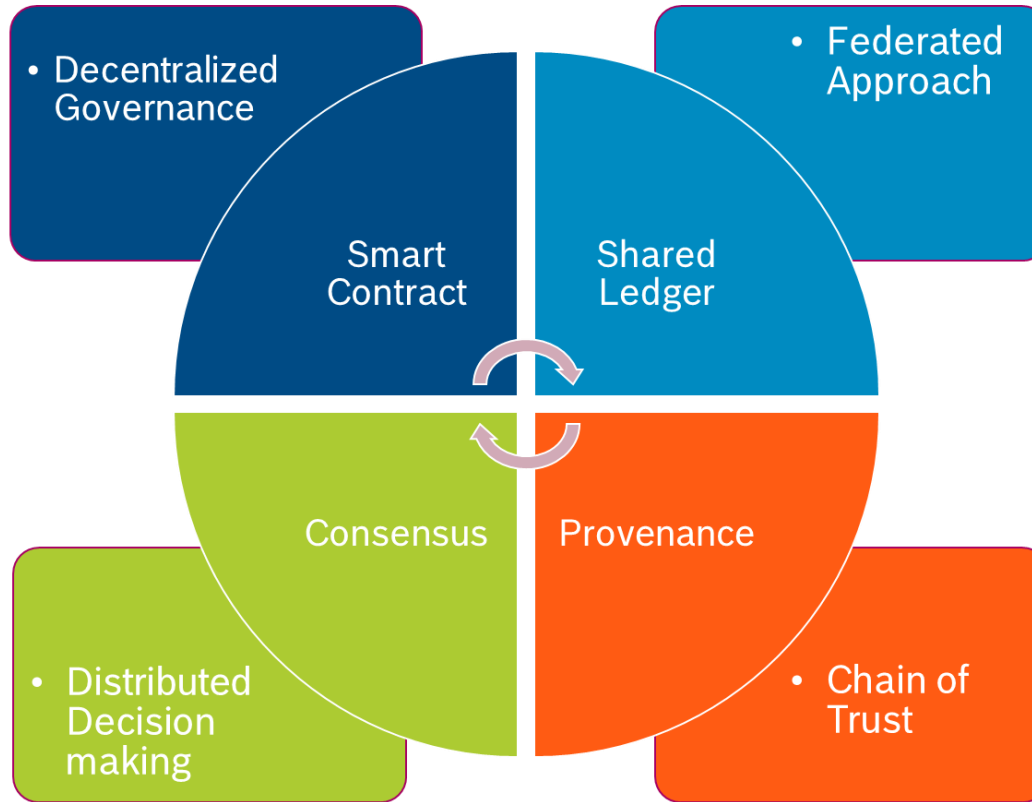
Present Structure of Organization		Need to Unlearn		and Learn again
Develop And Execute A Vision For Digital Transformation		Centralized Governance		De-centralized Governance
Take An Ecosystem-first Approach To Delivering Products And Services		Individualistic Approach		Federated approach (Creating of a accountable and auditable knowledge Hub)
Manage Information Effectively	**Unlearn**	Data as the holy grail	**Learn**	Knowledge as holy grail "Internet of Cognition"
Create Flexible And Reliable Human Resource Model		People as Assets		Talent as Assets (Create a Chain of Trust and Empowerment)
Optimize Business Processes For Speed, Efficiency, Quality, And Agility		"Let's Plan for it"		"Let's do it"

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Are there Technology Enablers to help this transition?

Some of the key building blocks for Enterprise transformation

- Decentralized Governance

- Federated Approach

Smart Contract

Shared Ledger

Consensus

Provenance

- Distributed Decision making

- Chain of Trust

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Blockchain as the technology enabler

Helps transform the enterprise from centralized to federated approach that are accountable

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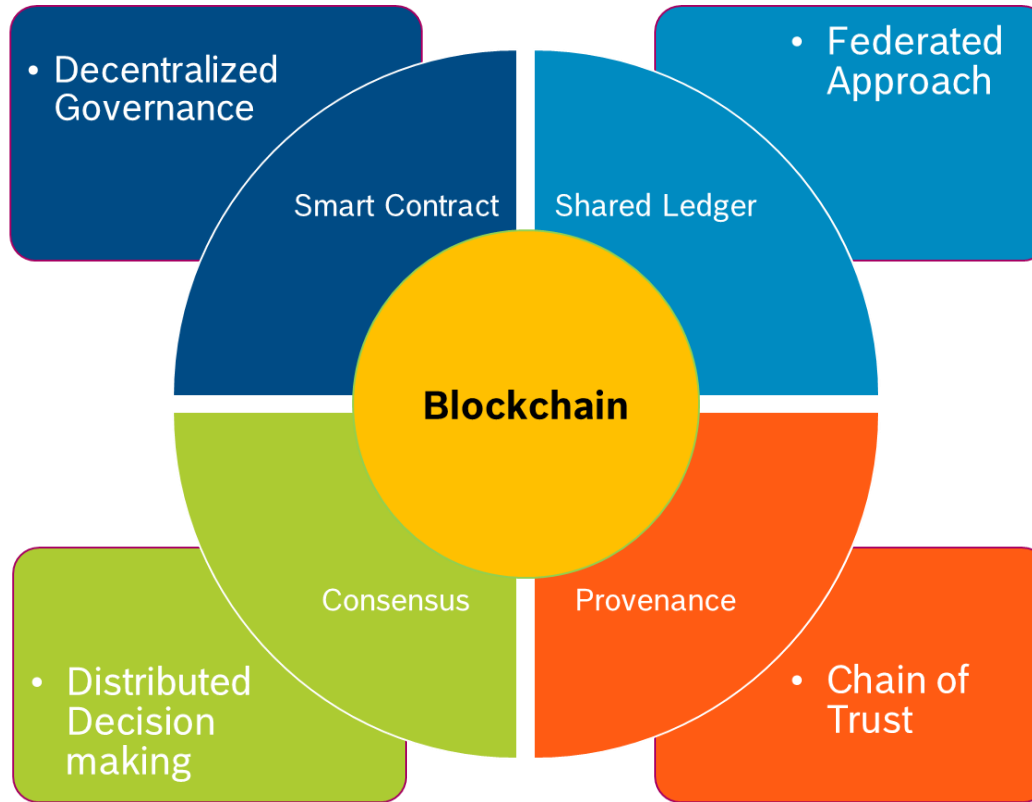
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Blockchain for Enterprises
and its relevance to my organization

What	....are Blockchain technologies
Why	....is it relevant for our organization
How	....to adopted in my organization

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What is a Blockchain?

and what do the four key enablers mean?

Digitally encoded business terms embedded in database and executed on successful transaction

Append-only distributed system of records to be shared across the enterprise

All parties agree to network verified secure transactions

Transactions are secure, authenticated and verifiable ensuring transparency across network

Smart Contract | Shared Ledger

Blockchain

Consensus | Provenance

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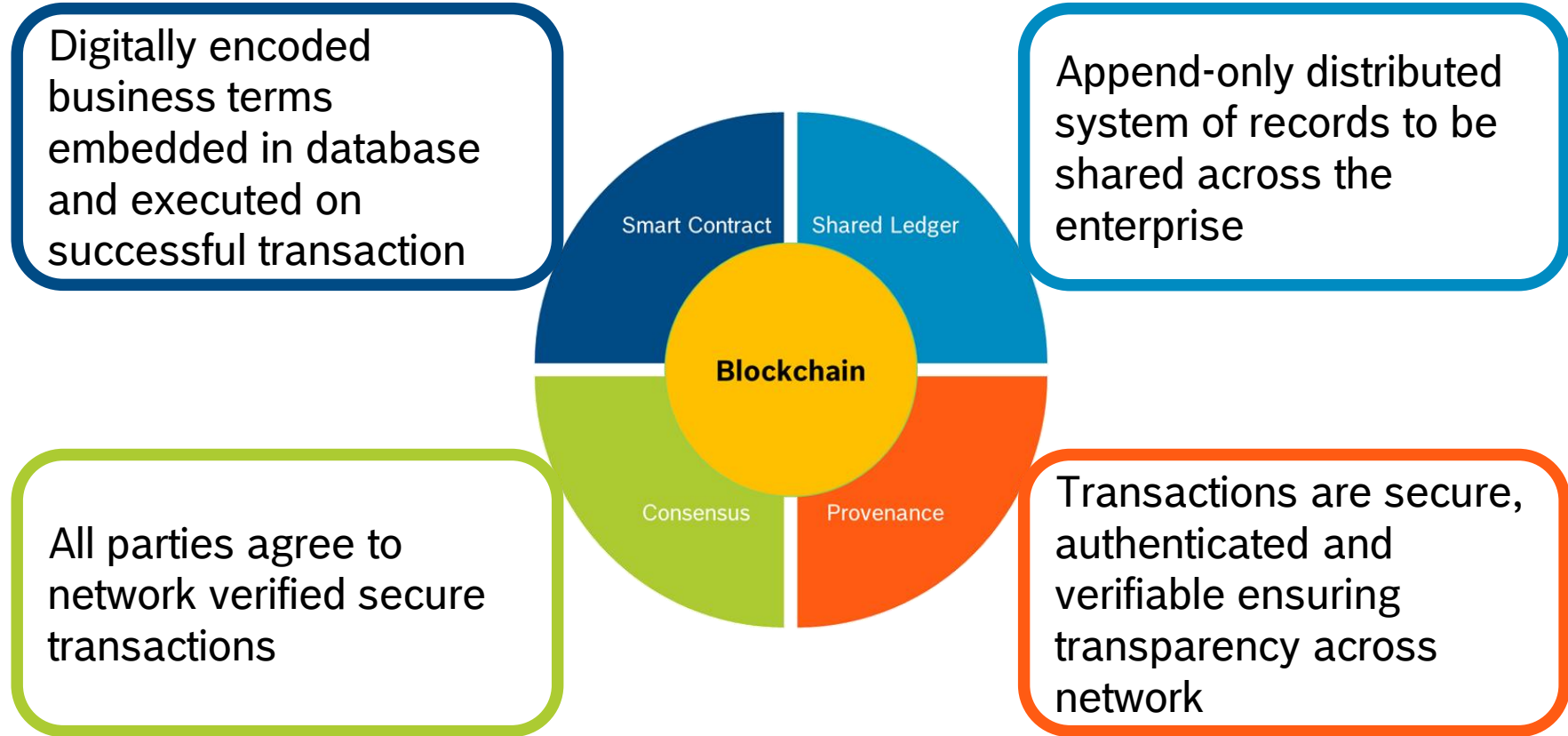
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What problem does it solve?

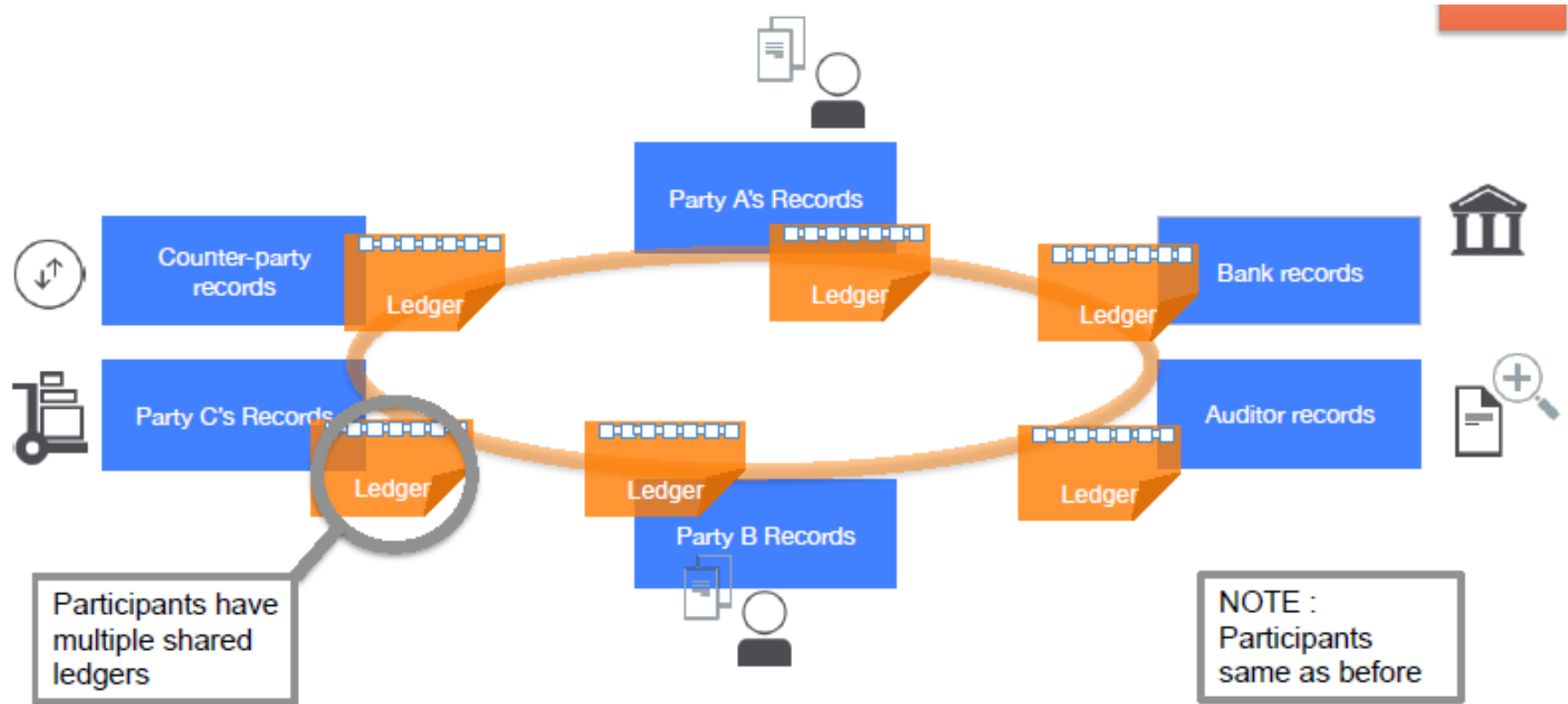**millions of dollars are spent in managing assets, records and workflows...**

Note: Image source IBM

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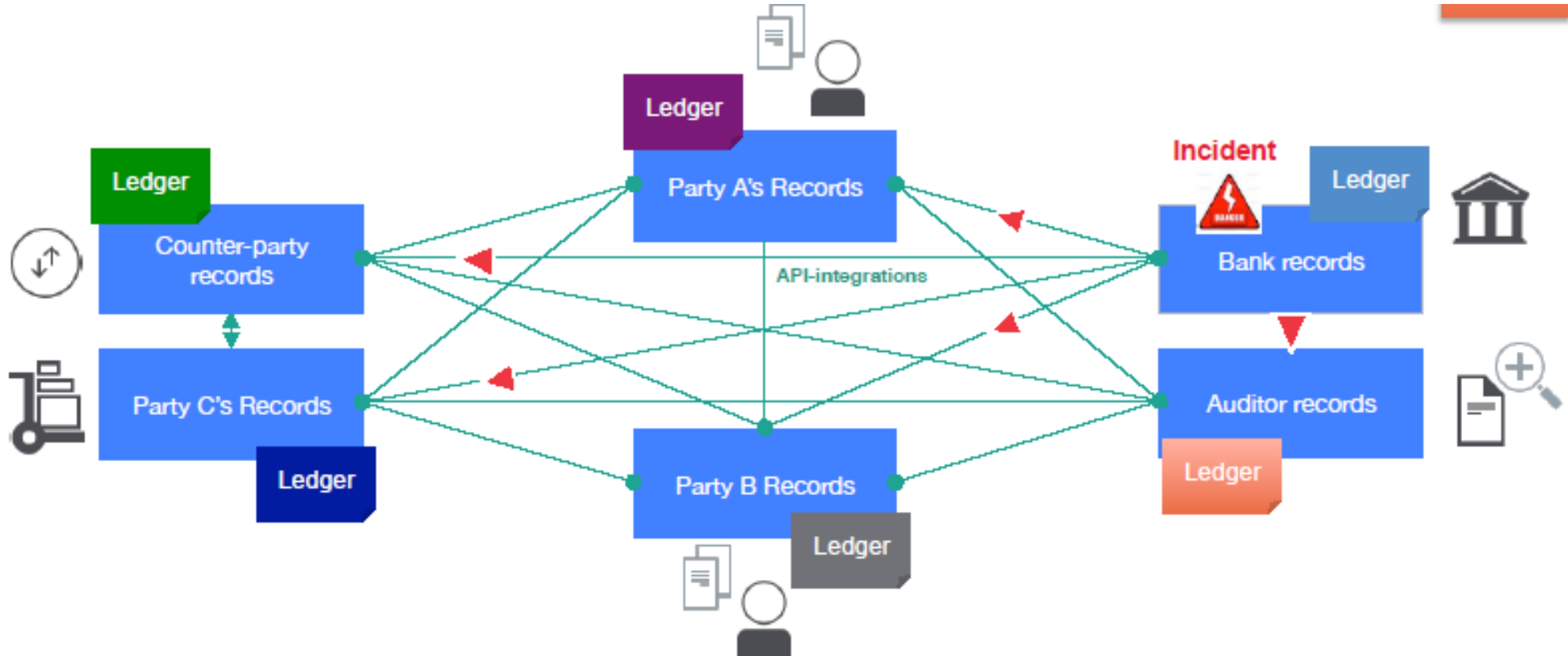
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..helps streamline via Consensus and Provenance

each silo is a independent decision maker and transaction is complete only by consensus

Counter-party records
Ledger

Party A's Records
Ledger

Bank records
Ledger

Party C's Records
Ledger

Party B Records
Ledger

Auditor records
Ledger

Participants have multiple shared ledgers

NOTE : Participants same as before

Note: Image source IBM

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Why is it relevant to organizations?

The nature of business is changing, and organizations need to adapt...

Companies **Double The Productivity** Of Their Knowledge Workers Through The Use Of Big Data/Analytics

Big Data/ Analytics

60% Of Device Interactions Are Passive As **Users Accept Information** Surfaced From Intelligent Systems And Machine Learning

Mobility

Mobile And Connected Devices **Redefine CX**, Tying Loyalty, Service, Sales And Content To Context In Real Time

Social Business

Note: Image source IDC

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Lead the change, than follow the change

John Kotter provides some insights to lead change. Can we map it to Blockchain?

Sense of Urgency 75% of leaders need to be convinced	**Guiding Coalition** Team up outside the normal hierarchie	**Link change to Success** Create new social norms	**Communication** By all available means
Empowerment Encourage and remove barriers	**Short-term Wins** Plan, Create and Reward them	**Consolidate** Don't declare victory to soon	**Direction** Provide a path to the vision

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Last but not the least...

Don't ever use Blockchain as a "Yet Another Database"

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