Trust Your Supplier: How Blockchain can be used to validate more inclusive Value Chains

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Shared ledgers...

**Choosing what to share**
Participants decide which assets to share.

**Identity**
Participants know who they are dealing with.

**Privacy and Confidentiality**
Information shared via need-to-know.

**Transaction Endorsement**
Participants give provable endorsement.
Centres of Gravity

**Financial products**
Method for decentralised payment. Not restricted to cryptocurrency; including other means for embedding transparency, cost efficiency and regulation into existing financial products.

**Provenance**
Recording a physical product’s digital history, allowing traceability and verification of its origins, attributes and ownership.

**Digital Identity**
Identity and persona management in the digital world through providing an immutable and contextual identity management.

**Asset Management**
Through its transactional capabilities, BC helps to coordinate loosely coupled assets, companies and individuals in order to achieve collective goals.

**Socio-economic coordination**
Enhancement to current models of digital interaction with improved and embedded trust leads to local and end-user communities peer-to-peer coordination without intermediaries.
GREATER TRANSPARENCY AND TRUST HELP ADDRESS KEY CHALLENGES ACROSS THE VALUE CHAIN
Food Trust Video
Trust your supplier
A trusted decentralized network for managing supplier digital identity

Trust Your Supplier is a cross industry Trusted Source of Supplier Information and Digital Identity that simplifies and accelerates

Supplier Qualification, Validation and Lifecycle Management
Current Buyer/Supplier Engagement Challenges

**COSTLY, SLOW AND INEFFICIENT PROCESS**

**INCREASED AGILITY REQUIRED TO MEET REGULATORY DEMANDS**

**CURRENT TECHNOLOGY & SILOED SYSTEMS LIMIT ABILITY TO RECEIVE REAL TIME UPDATES**

Changes happen continuously

Multiple versions of the truth exist

Validation

30 – 60 days

V1 Sep 2018

V2 Dec 2018

V3 Mar 2019

Buyer 1

Oct 2018

1 yr

Validation

Buyer 2

Feb 2019

2 yr

Validation

Buyer 3

May 2019

6 mo

Validation

Supplier

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Trust Your Supplier Blockchain: Future State

Trust your Supplier Blockchain is a trusted source of digital identity for suppliers

- With Blockchain, suppliers can provide permissioned access to their regulatory, compliance, environmental, legal information to Buyer organization

Decentralized Original Information Sources provide data directly onto the blockchain

- **Verifiers** such as D&B, T&R (financials credit, adverse media, etc)
- **Certificate Issuers** such as ISO, diversity agencies (quality, insurance, compliance, etc)
- **Banks** validate accounting information
- **Auditors** (factory, financial, quality, etc)
- **Government** (OFAC, business registration, etc)

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**Supplier Information Management Blockchain Network**

- **Supplier**
  - I only have to provide my company info once
- **Buyer/Procurement**
  - I have instant access to 360 degree pre-verified onboarding supplier info
- **Verifier**
  - I can provide verification as a service
- **Certificate Issuer**
  - I can verify the originality of the certificates easily and build trust
- **Auditor**
  - I can easily access info for all auditing purposes
- **Business Network Provider**
  - I can easily automate onboarding for my clients plus offer new services
- **3rd Party Developer**
  - I can build new apps using the platform’s data and services
• Provides immediate access, real time to supplier data at a fraction of cost

• Greatly simplifies current technology and process

• Minimizes supplier risk and ensures compliance

• Accessible, permanent record of supplier claims to improve compliance and speed audits

Outcomes: Buyers

~90%
Real-time updates to supplier information

70-90%
Reduction in cycle time to onboard new supplier

50+%
Reduction in cost to onboard new supplier
Outcomes: Suppliers

- Eliminates redundant submission of same information multiple times to different buyers
- Reduced time to first transaction
- Improved discovery for buyers on the network

~80%
Elimination of repetition and redundancy

70-90%
Reduction in cycle time to onboard as a new supplier

50+%
Reduction in administration cost maintaining status & collateral across buyers
Why Blockchain?

Blockchain is the right solution as there is a strong value proposition for all participants on the network: Buyers, Suppliers, Business Networks, Verifiers, Raters, Auditors, etc.

- Saves time: Onboarding time from days to near instantaneous
- Removes cost: Audits, OpEx costs and Overheads
- Reduces risk: Tampering, fraud & cyber crime
- Increases Trust & Compliance: Through shared processes and recordkeeping
How can Blockchain enable more inclusive value chains?

Visibility

Security & Trust

Consumer Pressure
What is the area that blockchain could add the greatest impact on your value chain and what is the main challenge to overcome?