BLOCKCHAIN

Unlock the Power of Blockchain for Supply Chain

Updated : JAN 2020

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CORPORATE BACKGROUND

Corporate Accounting Office

- **1,100** Employees
- **202** Subsidiaries Associates
- **15** Countries
- **6** Full Functions
- **3** Business Units

One of the largest F&A Shared Services Center in ASEAN

Cement-Building Materials Business

Chemicals Business

Packaging Business

CORPORATE COLLABORATION ON AGILE METHODOLOGY

SCG DIGITAL VENTURES

SCB ไทยพาณิชย์

COLLABORATIVE LEARNING

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SELECT A SUITABLE BLOCKCHAIN PLATFORM & BUSINESS SCENARIO

APPLY AGILE METHODOLOGY

BUSINESS CHALLENGES

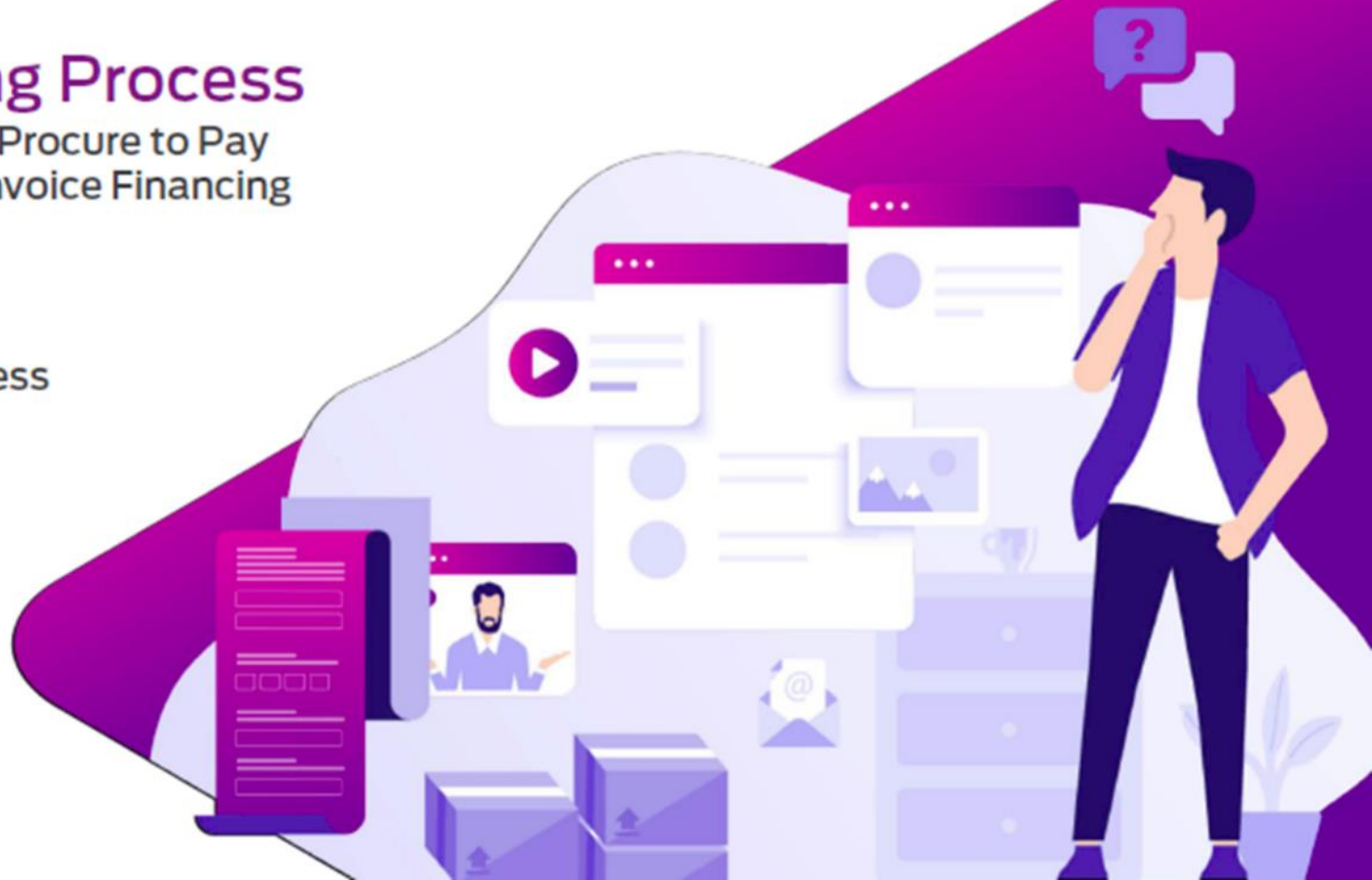
Visibility
Lack of visibility

High Cost
of Operations

Long Process
From Procure to Pay
and Invoice Financing

High Effort
Manual Verification Process

Millions
of paper Invoices



WHAT IS BLOCKCHAIN?

Smart contract

DIGITAL ASSETS

"Need to know" basis

Peer-to-peer network

DISTRIBUTED LEDGER TECHNOLOGY (DLT)

HYPERLEDGER

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Quorum

ethereum

Digital/cryptocurrency

SECURITY

Hash algorithm

ECOSYSTEM

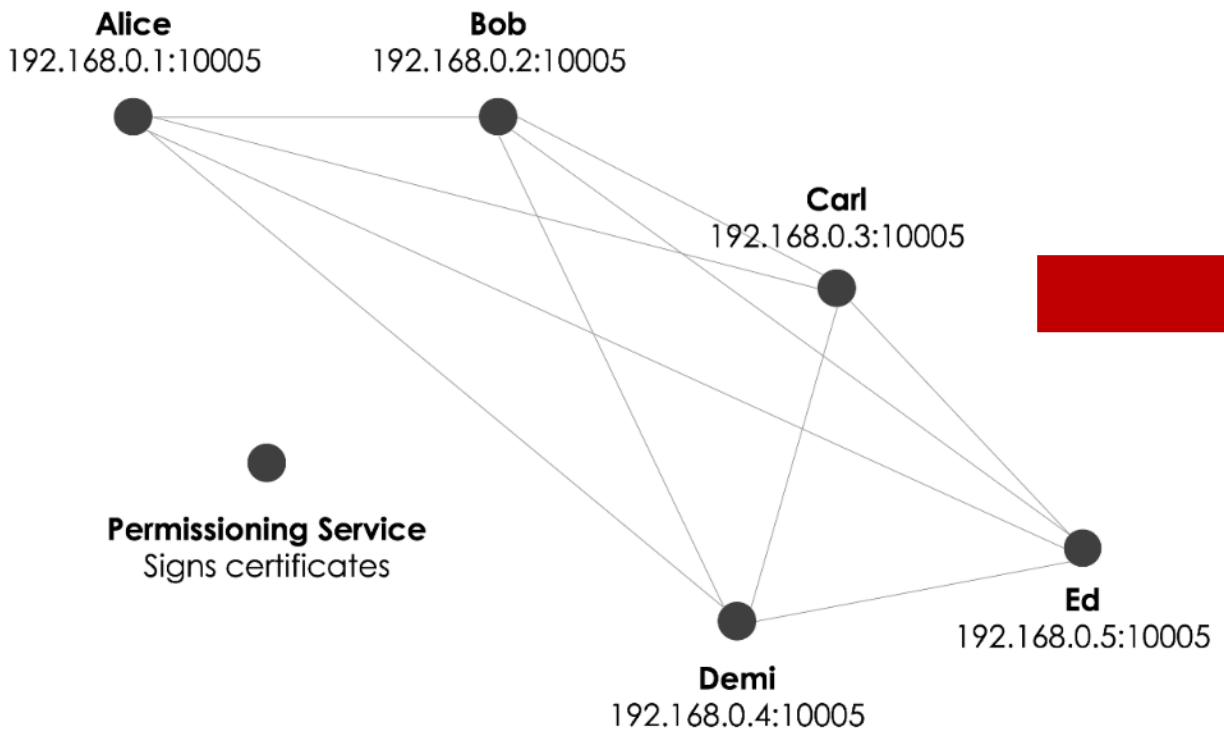
Business rule checking

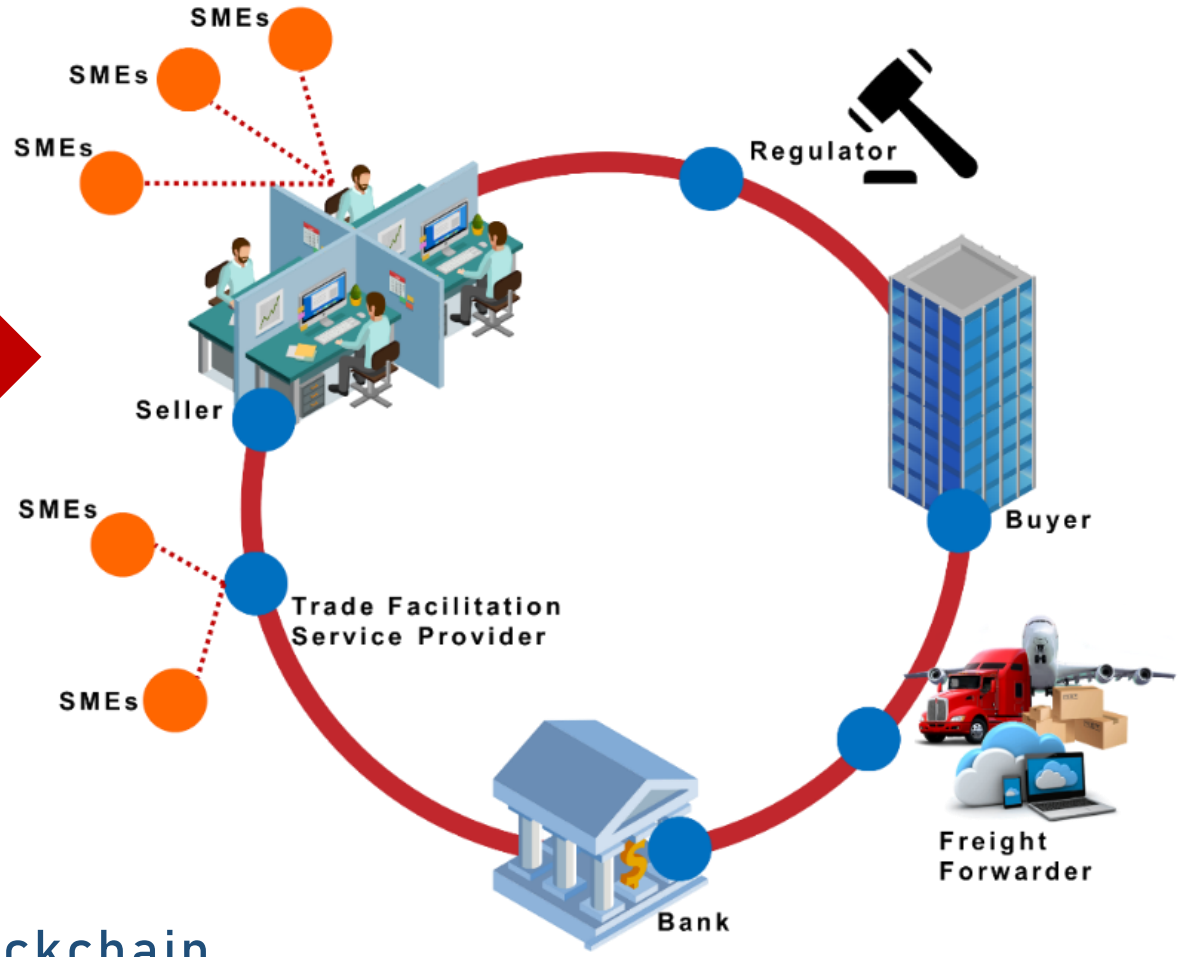
TRUST
(No middleman)

Digital signature

BLOCKCHAIN FOUNDATION

Private Blockchain on "Need to Know" basis





Private Blockchain
(Peer-to-Peer Network)

ACCOUNTING DIGITAL TRANSFORMATION JOURNEY

Start from collaborative learning to run on production for real business

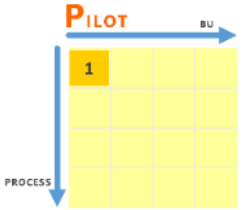
The 1ST in The World
THE FIRST PRODUCTION ON R3 BLOCKCHAIN PLATFORM

SSON
THE WORLD'S LARGEST SHARED SERVICES & OUTSOURCING NETWORK

THE Asset 財資
Engaging Asia's financial decision makers

SCALING UP

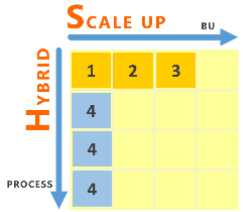
NOV 2017
1st Step on Blockchain
Proof-of-Concept



AUG 2018
1st Launch B2P Blockchain Platform
with
Chemicals Business
(Pilot 10 Suppliers)

MAR 2018
Leveraged Blockchain Tech.
to Real Business

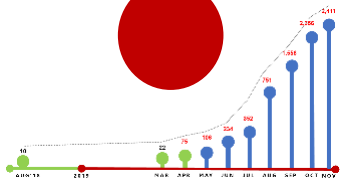
NOV 2018
2018 Award Gold Winner
In area of
"Excellence in Automation"



MAR 2019
BU Scale-up
to Packaging Business

APR 2019
The Asset Triple A
Treasury, Trade, Supply Chain
and Risk Management Awards 2019

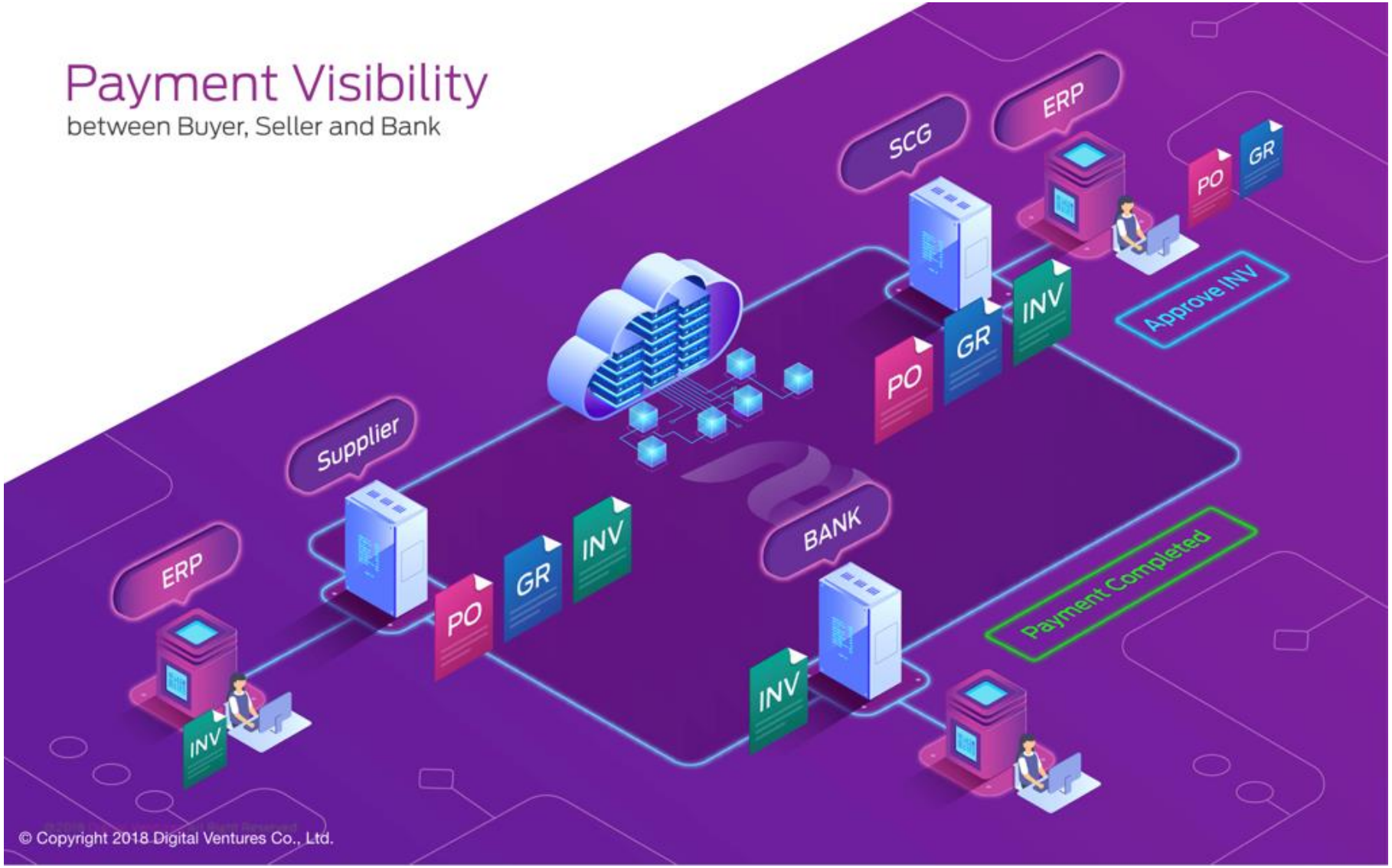
"Best Supply Chain Solution"



APR'19 – Present
Scale-up
"Supplier onboarding"
From 10 to 3,000++
Suppliers by 2020

BLOCKCHAIN PROCURE-TO-PAY : B2P PLATFORM

The business transaction is chained on the Blockchain Peer-to-Peer Network.

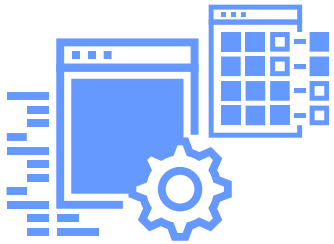


BLOCKCHAIN PROCURE-TO-PAY : B2P PLATFORM

End-to-end process with digitization and transformation

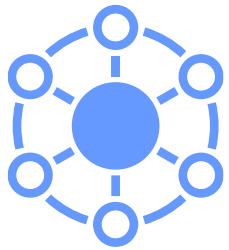
Supplier create Invoice on BLOCKCHAIN
[SMART CONTRACT]

[E-TAX INVOICE ENABLEMENT]



[AUTO 3 WAY MATCHING] to validate PO, GR and INVOICE

Auto send validated transaction to approver following by DOA
[AUTO DOA SERVICE]



Validated & Approved transaction will be distributed to all related nodes
[DISTRIBUTED LEDGER]

And automatic post accounts payable
[AUTO LIV POSTING]

Bank will automatically get payment instruction, and pay to supplier when due
[AUTO PAYMENT TRANSFER]

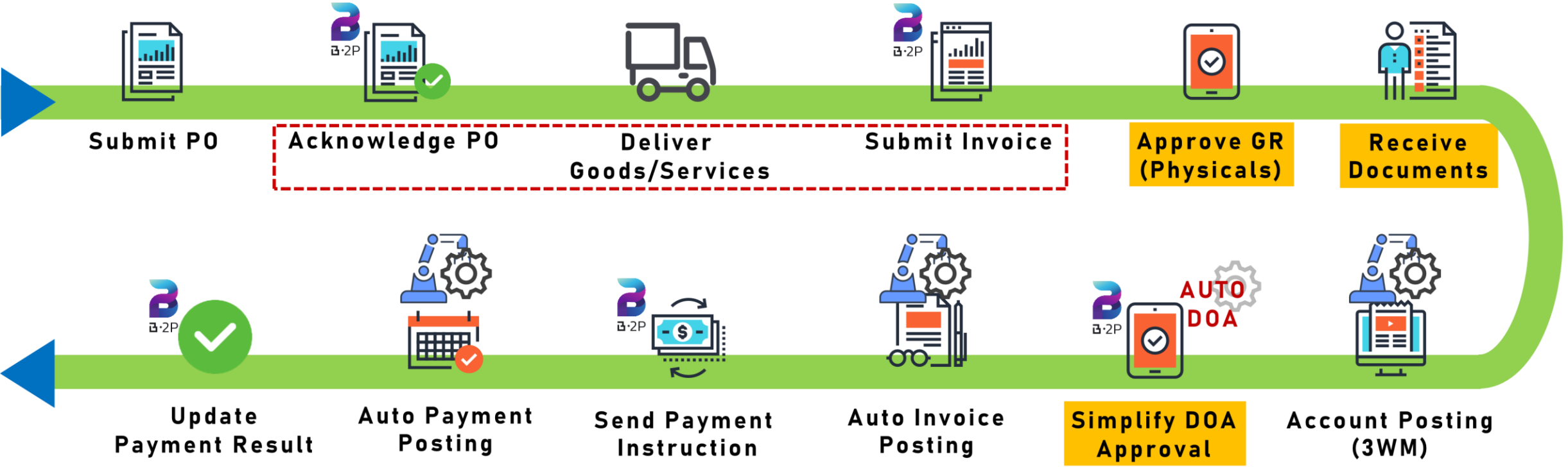
And automatic post payment transaction
[AUTO PAYMENT POSTING]

BLOCKCHAIN PROCURE-TO-PAY : B2P PLATFORM

Supplier Activities

Manual Step

Fully leaning processes, applied automated solutions & new technology



Valuable Benefit to Business

8,000hrs time reduction/year

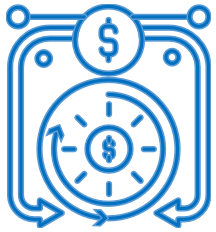
Cost Saving

Process Efficiency

Increase Trust & Traceability

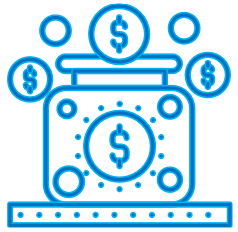
BLOCKCHAIN PROCURE-TO-PAY : B2P PLATFORM

Valuable benefits to stakeholders



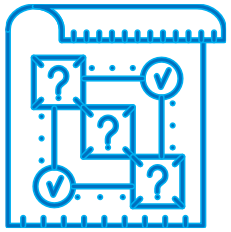
> 50% SAVE TIME

"Keep continue reducing by leaning process & automating solution"



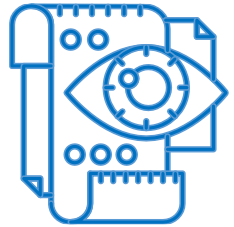
> 70% REMOVE COST

"Not just adopt new deep tech to our business process, we can make a cost-effective occurred"



REDUCE RISK

"No change, delete, alter information in Blockchain without verifying and accepting from parties in network"



INCREASE TRUST & VISIBILITY

"Sharing data on Cloud (DLT) to permissioned parties, end-to-end status can be tracked in real-time"

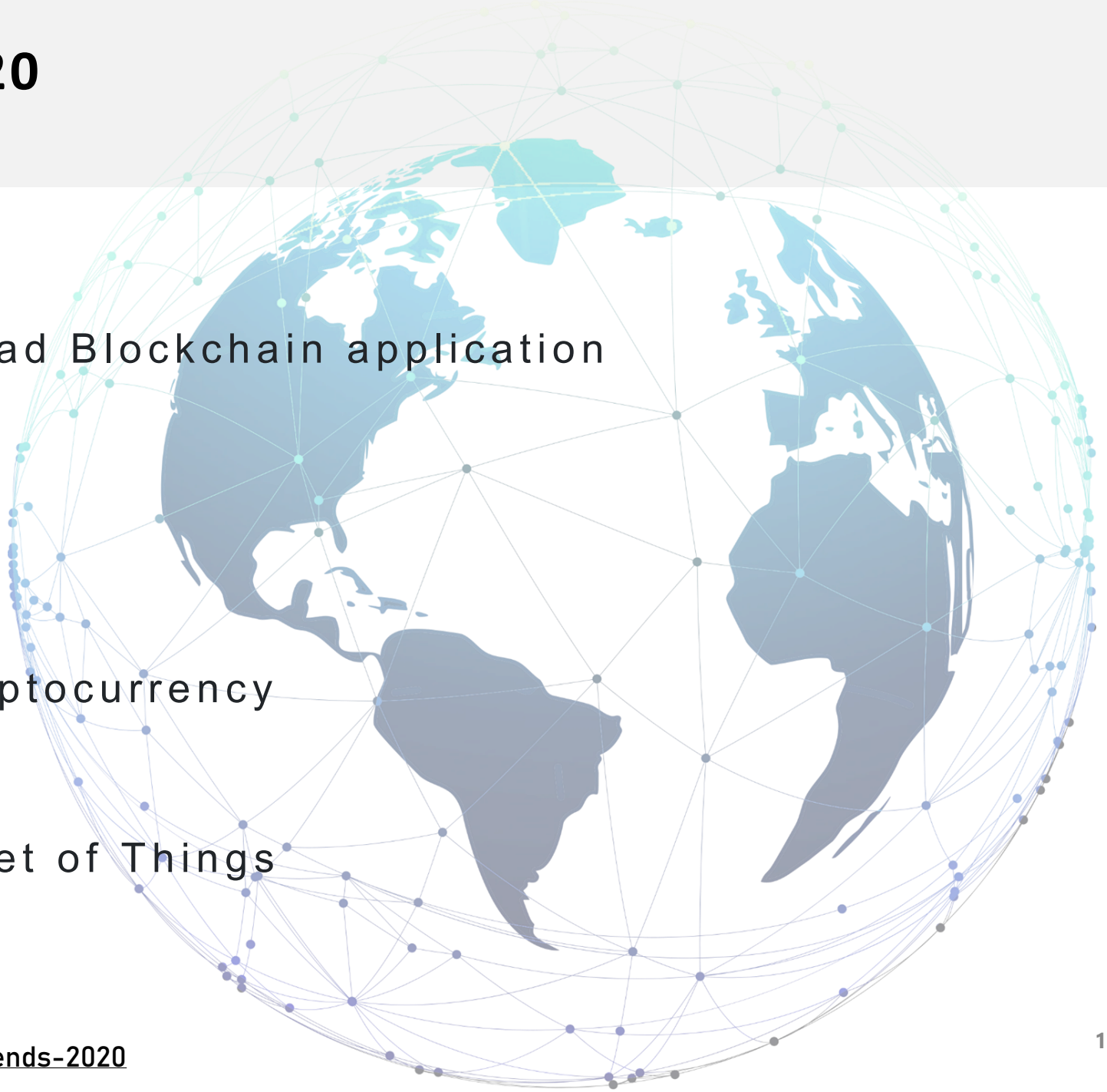
BLOCKCHAIN TRENDS IN 2020

Economy and finance will lead Blockchain application

Government integration

Development of national cryptocurrency

Blockchain + AI/ML + Internet of Things



Ref: https://www.blockchainexpert.uk/blog/blockchain-trends-2020

PASSION FOR BETTER