Global Trade Digitization

A real world application of blockchain

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What if we had …..

- Instant, secure access to E2E supply chain information
- Authenticity and immutability of digital documents
- Accurate ETA Sharing, avoiding ‘the truck missing the ship’
- Improved ETA calculation (weather, queues) allowing optimised speed and fuel use
- Early, better, risk assessments and fewer unnecessary interventions by authorities

- Lower administrative expenses eliminating paper flows across borders
- Estimated annual global savings from efficient sharing of information: $27 billion
Mission:

Improve the efficiency and transparency of global supply chains by providing

- permissioned access to key shipping events and

- Secure, digitized document workflows to all supply chain participants

10% efficiency savings
Why GTD will fundamentally change the industry

Blockchain changes the game
Never before could disparate entities securely and confidently process paperwork filings digitally.

GTD is designed from the ground up as an industry platform
The end-to-end supply chain will be involved.

The ecosystem will continuously shape the solution
GTD will be iteratively developed based on ongoing, continuous input and feedback from platform participants.

Moving fast
In modern economies speed and scale are critical. Building the network fast is the key to success.

Balanced funding
GTD will be funded by a transaction fee levied on private sector participants. There will be no transaction fee for government authorities.

IBM and Maersk have kicked this off and will see this through
An unmatched vision, global reach, executive commitment, and ability to execute in markets around the world.

BLOCKCHAIN
- Unchangeable data (in blocks)
- Stored in a sequence (the chain)
- Distributed across organisations (the business network)
- Enforcing agreed rules (using smart contracts)
With GTD, the entire supply chain ecosystem shares a single trusted view of shipping events and documents.
The Event Visibility Dashboard allows users to securely publish and subscribe to SIP data without using a third party system of engagement. A dashboard enables users to search for and drill down into a specific shipment or group of shipments.

The Paperless Trade app allows users to upload and store, review, stamp, and approve document filings. Workflow driven by Hyperledger smart contracts ensure all required approvals are in place.
CORE pilots: Securing Trust in Global Trade

Schneider: Container Electric goods,
- France to Rotterdam by truck
- onto Maersk Line ship and
- transported to Port of Newark.

- **Real Time Visibility** of shipments’ status demoed on a technology platform, implementing key parts of the Data Pipeline concept, showing Increased Efficiency
A short video (3 min) to show an example of how it works

https://youtu.be/tdhpYQCWnCw