



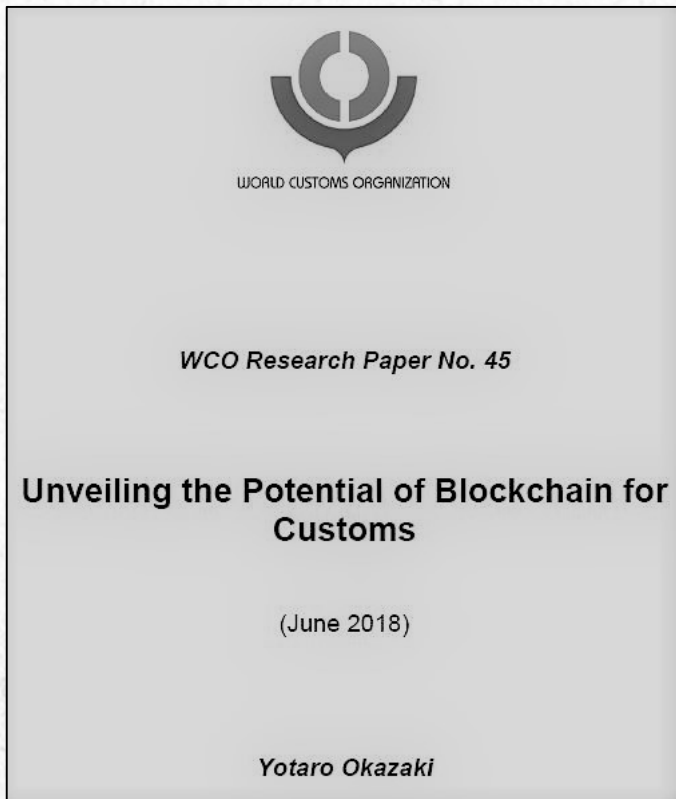
Blockchain

GOES GLOBAL

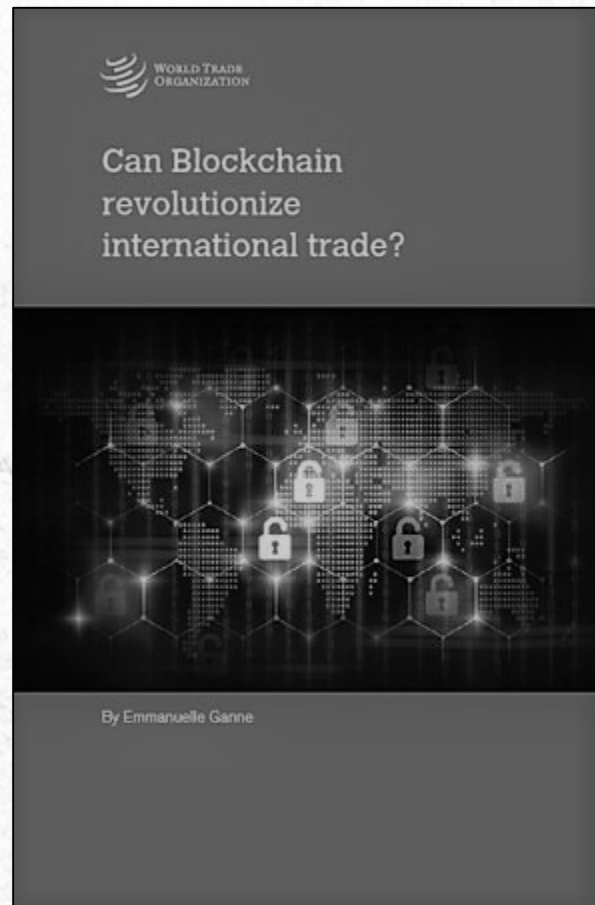
Dale Chrystie

“We’re quite confident that **Blockchain has big, big implications in supply chain, transportation and logistics. It’s the next frontier that’s going to completely change worldwide supply chains.”**

- Frederick W. Smith, FedEx Founder & Chairman



“Blockchain is a giant leap for Customs in the 21st century.”



“If we succeed in creating an ecosystem conducive to the wider development of Blockchain, international trade could well look radically different in 10 to 15 years.”



“Blockchain...can expand international trade by reducing friction at the border.” “Call for Action: Development of open standards and interoperability protocols.”

THE KEYS TO REMEMBER

- It's just data
- Digital Ledger – Permanent, transparent, and shared
- Creates a common data language
- Secure chain of custody
- I don't need a centralized party/aggregator
- Any two (or more) can manage using smart contracts

PEER-TO-PEER IMPACT

Peer-to-peer, using cryptography, disrupts the middleman, and allows us to create a secure chain of custody for potentially billions of records moving in/out of our systems

Think of it as a big secure database, with a big secure search engine on top.

We believe there will be no “winner”, there will be multiple blockchains, and we need to play in an interoperable world.



**WHAT VALUE
DO YOU
PROVIDE?**

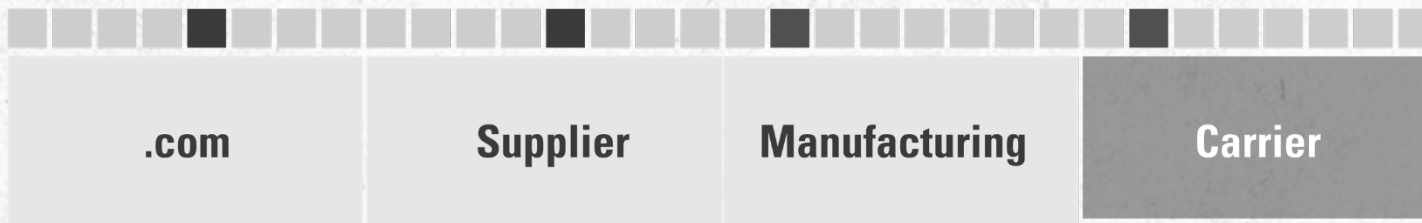
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**The answer
will likely be
different in
a Blockchain
world.**

WHY SHOULD THIS MATTER TO **ME**?

- **Data** knows no borders
- Better information, **earlier**
- **Secure** information

Data Elements Blockchain



Data Elements ACE



 CBP Visibility Where Needed Along The Journey

Manifest

Release / Entry Summary

Payment

Cooperating to develop the
open source platform on which
blockchain will be based

co • op • e • ti • tion



USE CASES

AUTHENTICITY IS CRITICAL IN

AEROSPACE
PARTS

MEDICAL DEVICES
PHARMACEUTICALS

HEALTHCARE

GLOBAL CLEARANCE



How will
BLOCKCHAIN
affect your
C-Suite?

BLOCKCHAIN AND THE C-SUITE

Early, specific POC's are important to gain understanding, but, in parallel, this should be thought of at the C-Suite level, e.g., how will this impact the CFO, CIO, COO, CLO, etc.

Contrary to current competitive norms, companies and entire industries will and must work together (consortiums, alliances, etc.) to create this new common language around all aspects of blockchain technology.

internet of
THINGS

----- *And* -----

ARTIFICIAL
Intelligence



“Our greatest realization this past year is that in order for #blockchain to be transformative, it will need to be much bigger than us.”

- FedEx CIO Rob Carter

