

re:creating trust
in a digital world



trace:original, a use case for DLT

Update Hyperledger Trade Finance Special Interest Group

March, 2021

About

Enigio is a Stockholm-based technology company aiming to become the global technology provider of a standardised solution for digitised, authoritative original documents, a digital original distinguishable from any copy

Our patent-protected solutions leverage blockchain components and distributed ledger technology (DLT), allowing businesses to create and manage **Digital Original Documents** that are **transferable, fraud safe** and **verifiable at any time**.



Our Vision

To become the global technology provider of a standardised solution for digitised, authoritative original documents.

Our Mission

To provide innovative solutions that ensure consistency, integrity and traceability of digital information at any time.

Trade Finance current market challenges

An average office worker uses **10,000 sheets of paper** each year¹.

Actual paper cost, time spent filing and finding documents, paper-based storage, departmental costs and human error... all of them are **paper-related costs** for organizations.



“The rapid spread of COVID-19 has created an unprecedented environment for trade, disrupting economic activity and the flow of goods across supply chains.”²



“While progress is being made towards digitalization, document verification is a notable laggard when it comes to removing the use of physical paper.”²



FRAUD

“As Singapore’s Hontop Energy becomes the latest oil trader to be embroiled in a fraud scandal, accused of creating elaborate fake trades and forging documents in order to obtain finance, Allegations against Hontop are a worrying development for the city state’s financial sector. The recent collapses of fellow traders Agritrade, Hin Leong and ZenRock – also amid allegations of fraud – had already left banks wary of providing further finance to the sector despite regulators’ attempts to reassure the market “



4 billion

of pages of documents circulating in documentary trade³



26 million

of new paper-based promissory notes issued annually by credit institutions in Europe⁴

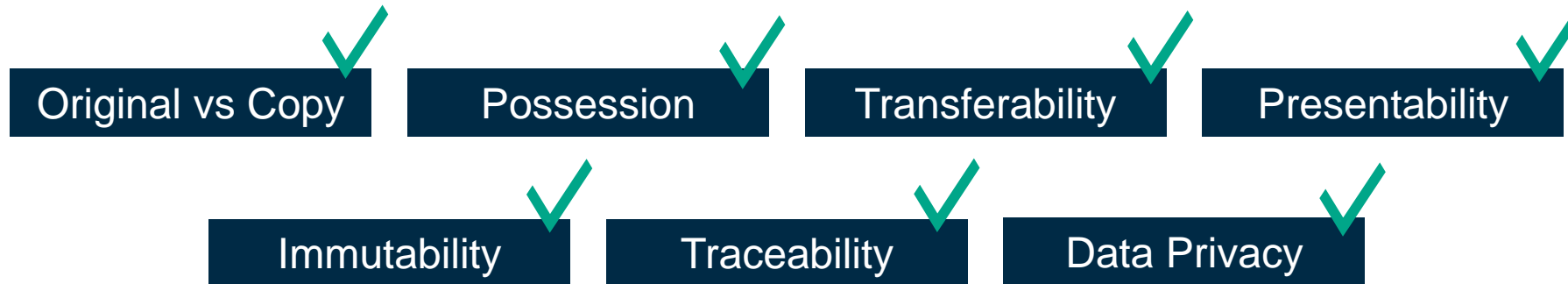
1. Source: The Truth About Document Management Costs, Helpsystems (IBM iProducts) 2016
2. Source: ICC Global Survey 2020: Securing future growth
3. Source: ICC Global Survey on Trade Finance 2018
4. Source: Own calculation based on available statistics Eurostat and the European Mortgage Federation
5. Source: gtrreview.com





A Paper Document, a really good standard

trace:original The Digital Original Document, solving the unsolved



The Document and the Notary Service



trace original Search...

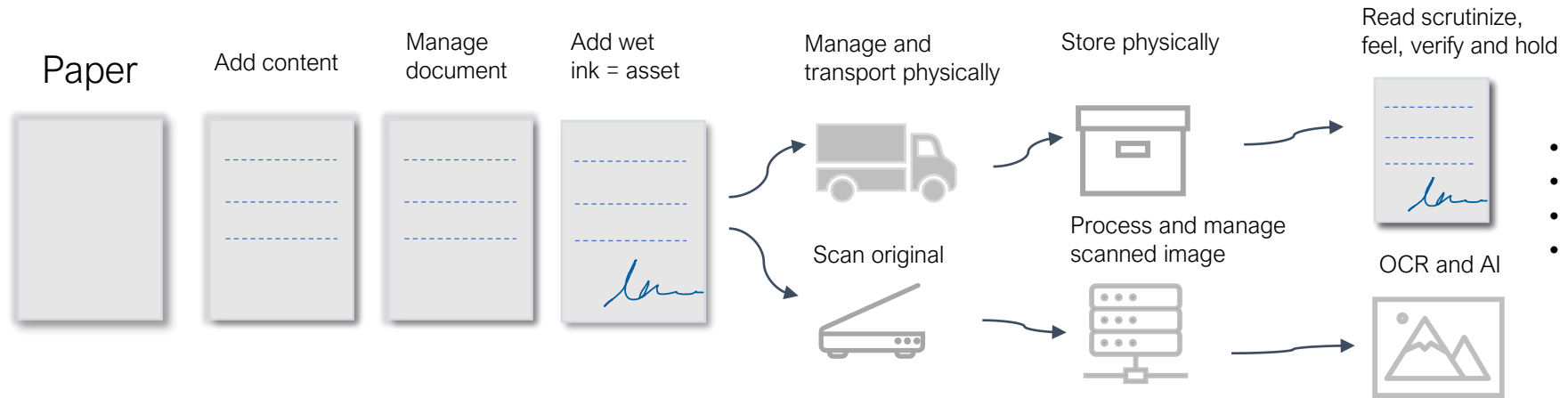
Ledger https://github.com/traceoriginal/to_repo_1.git FILTER

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rows per page 10 1-10 of 6974

Paper; how it works

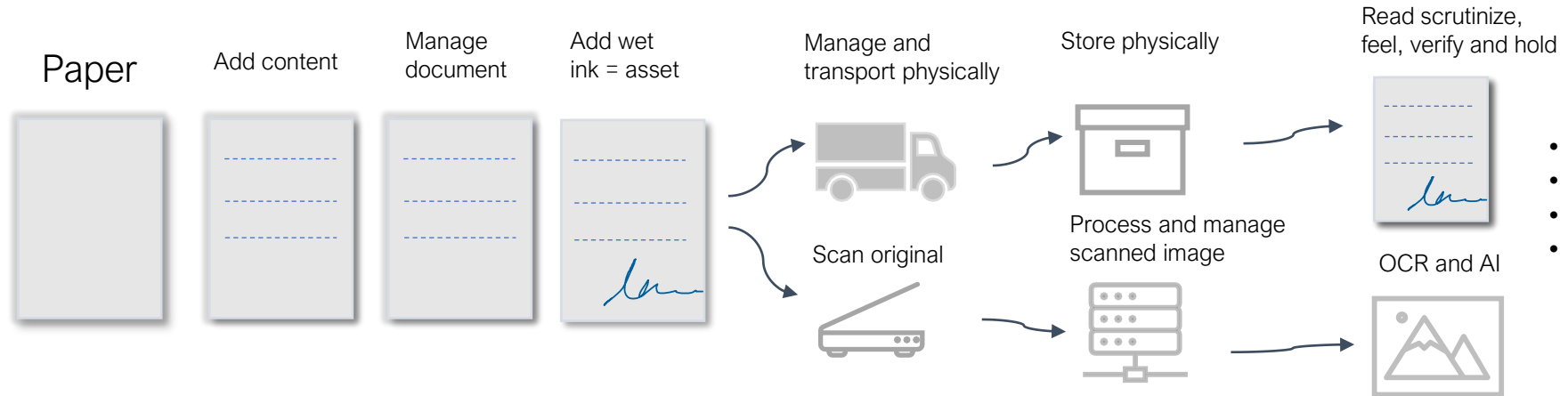
A physical document



- Dual documents
- Dual processes
- Cost x 2
- Data mismatch

trace:original; how it works

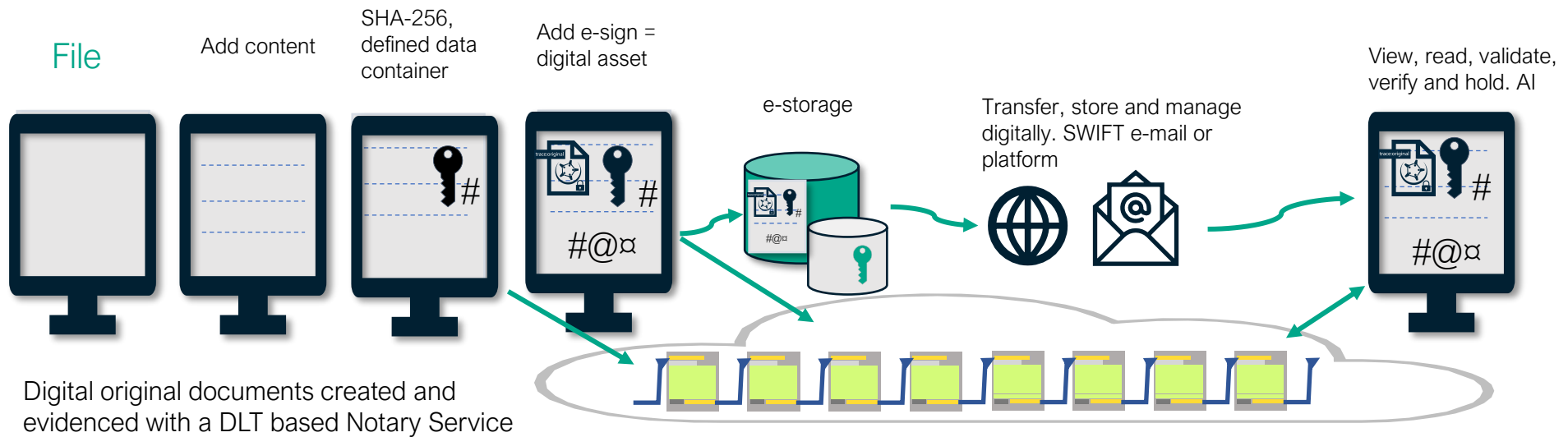
A physical document



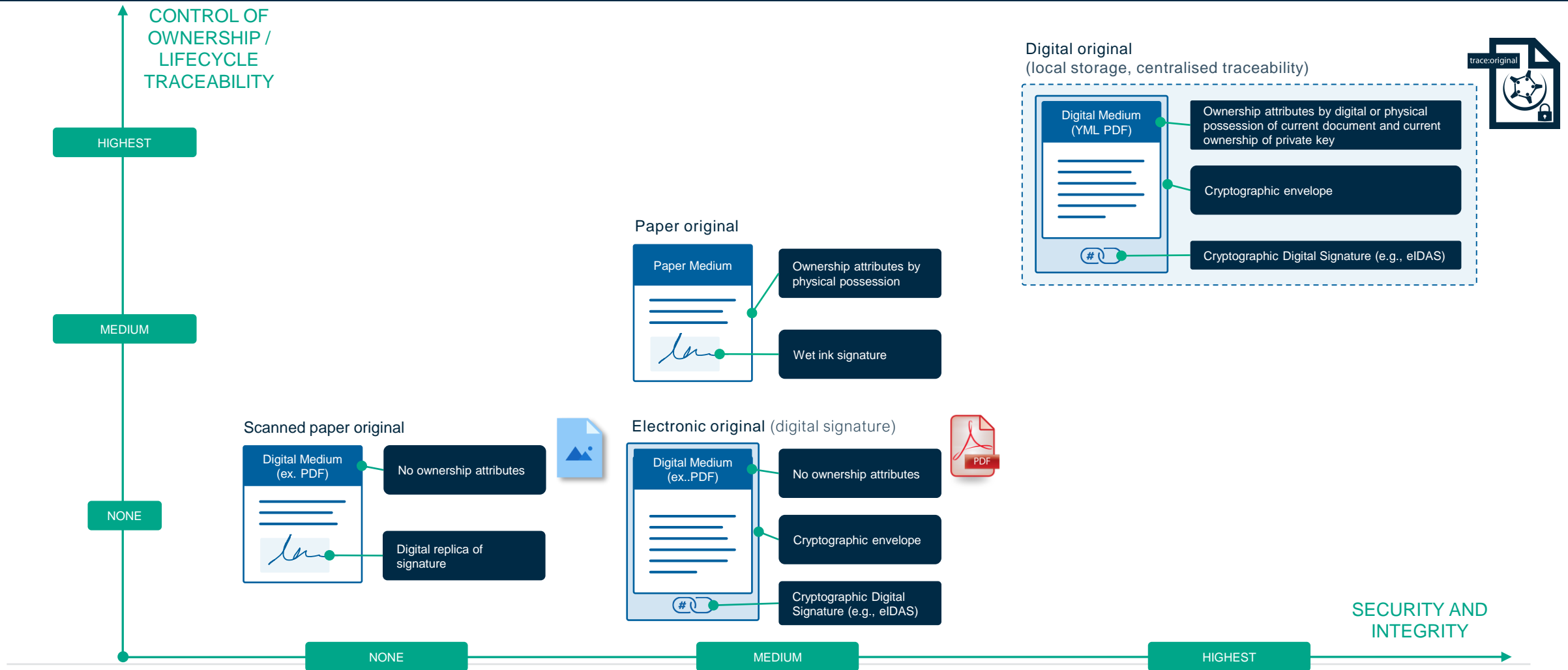
- Dual documents
- Dual processes
- Cost x 2
- Data mismatch



File



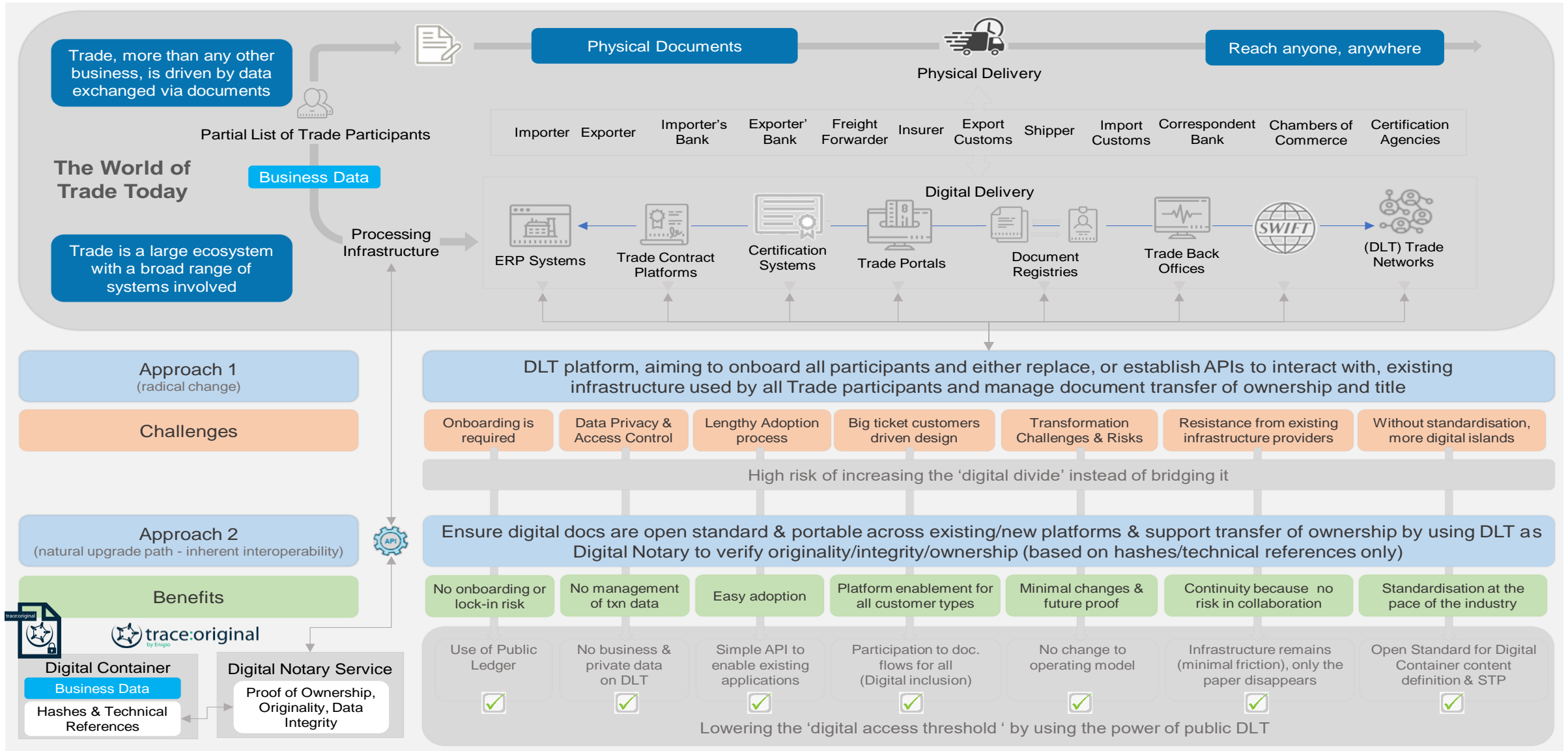
trace:original provides the highest levels of security, integrity and traceability



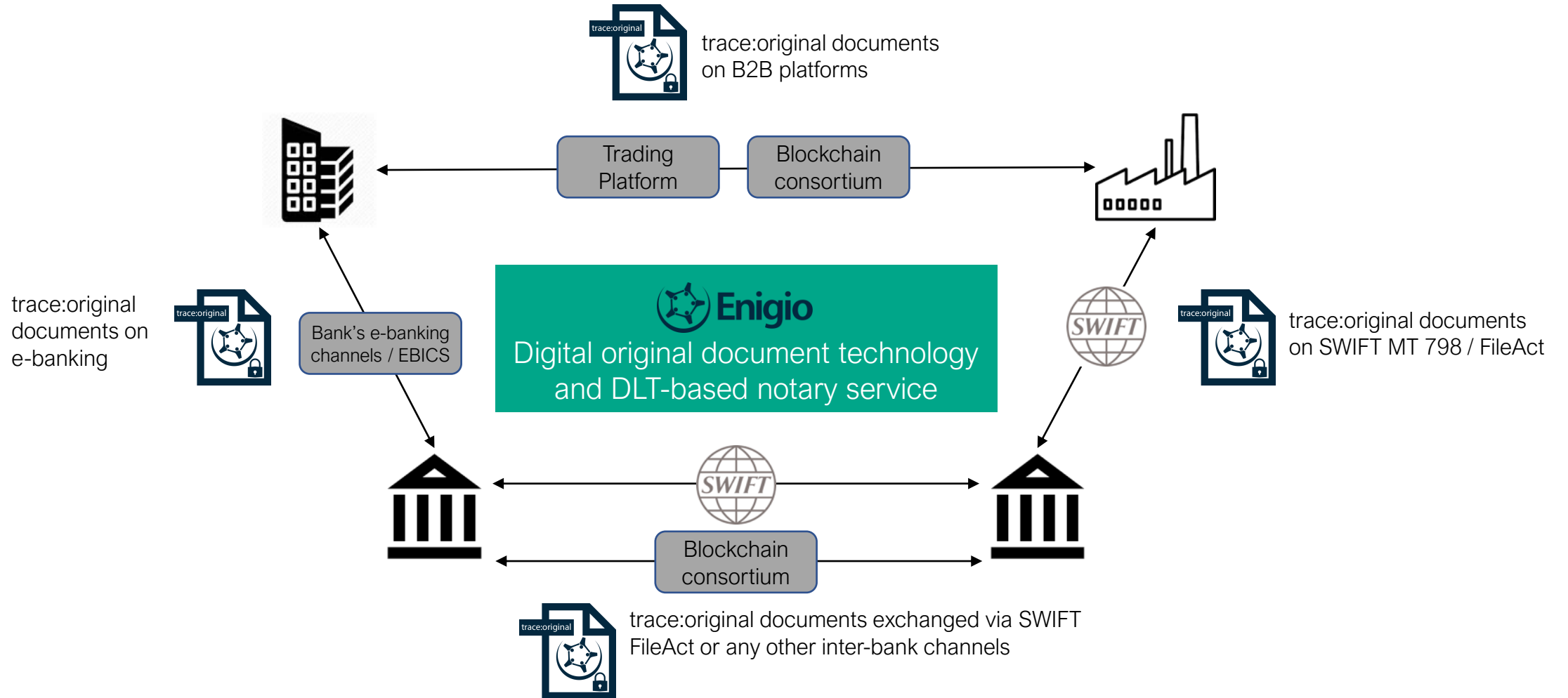


A Document, a really good standard

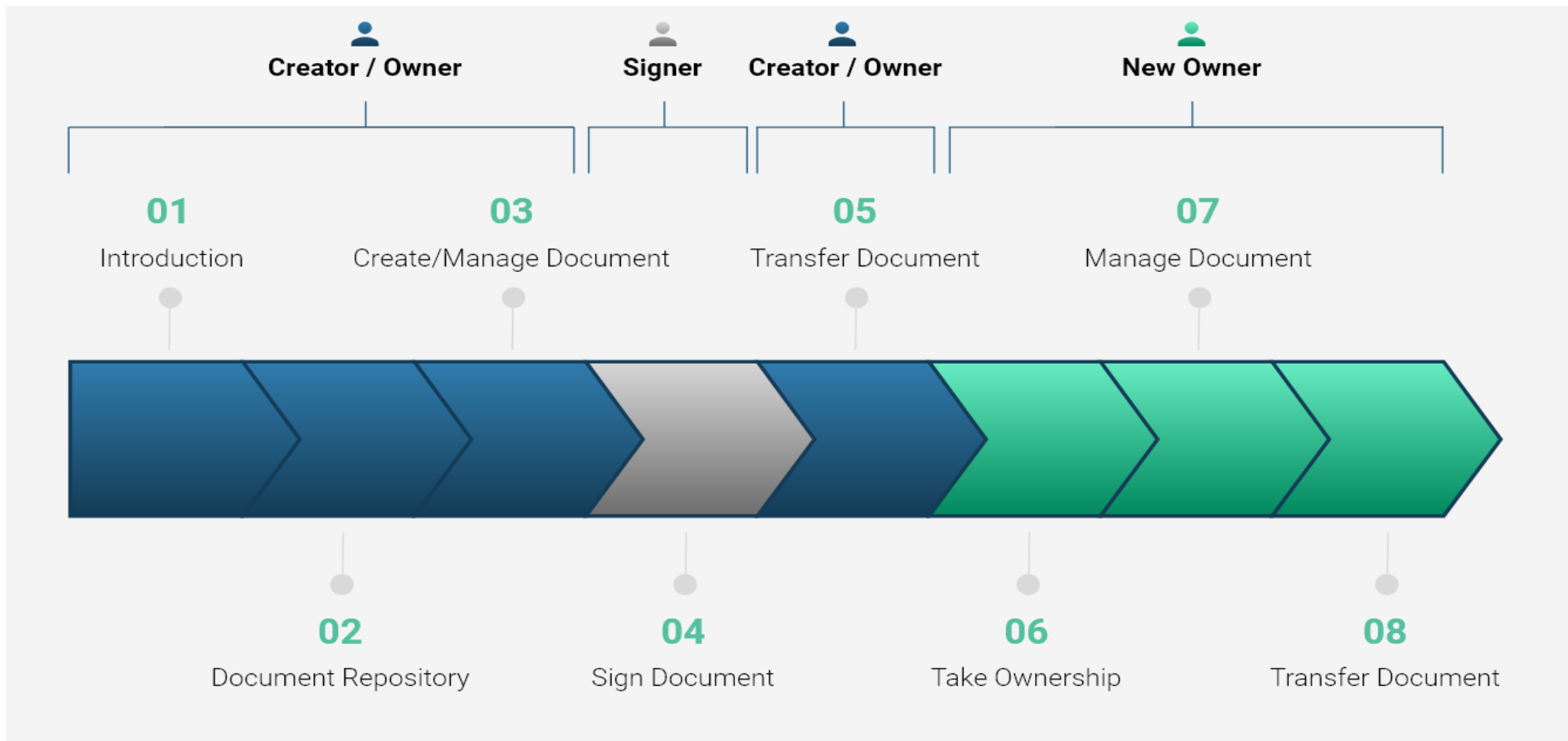
trace:original, Trade Finance Portability and Interoperability



Integration with existing processes and channels



trace:original generic process. Demo available on request





The ITFA *Manual on Digital Negotiable Instruments* (version of April 2020) is available from the ITFA web site Member Area:

<https://itfa.org/member-area/>

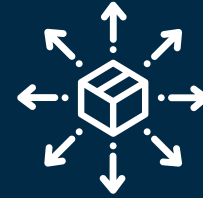
Drive new business by providing digital end-to-end processing for all trade instruments
Easy digital access and handling for all customers
Increase market share through widening the scope to service new clients

Increase Revenue



No dual processes
Reduced turn-round-time
Straight through-processing advantages
Machine readable
Shorter lead times to servicing and

Improve Efficiency



Reduced implementation risk
Fraud secure
No double data to manage (Paper original and scanned copy)
Reduced operational risk
All data accessible for compliance scan, document examination and verification

Reduce Risk



No DHL or courier costs
No cost for scanning and maintaining dual processes
No cost for manually handling paper originals
Lowers cost of servicing current workflows
Reduced cost of disrupting current processes and systems

Reduce Cost



trace:original is ready to use by anyone at anytime. Once a trace:original document is created it can be received stored managed by anyone, anywhere who has access to a computer and internet.

Want to try? Get in touch!

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