



PARTNER. ADVISOR. CATALYST.

P2P & E-Invoicing Overview: Trends and Innovations

May | 2019



Today's agenda

- Are peer-to-peer applications giving new life to electronic invoices?
- What is the value of an e-Invoice?
- Will innovative technologies increase the value of e-Invoices?
- Will innovative peer-to-peer technologies remove all intermediaries?
- Do we still need an invoice as we know it today?

Before we start...

- Key drivers for efficient and cost-effective transmission of e-invoices*:
 - **Reach and automation:** Economic operators should [...] send [...] and receive e-invoices and related documents to and from all types of trading partner, public or private.
 - **Choice and interoperability:** All economic operators acting as suppliers should be able to choose the transmission tools, mechanisms, or service and solution providers [...] interoperable and compatible with the transmission mechanisms of buyers.

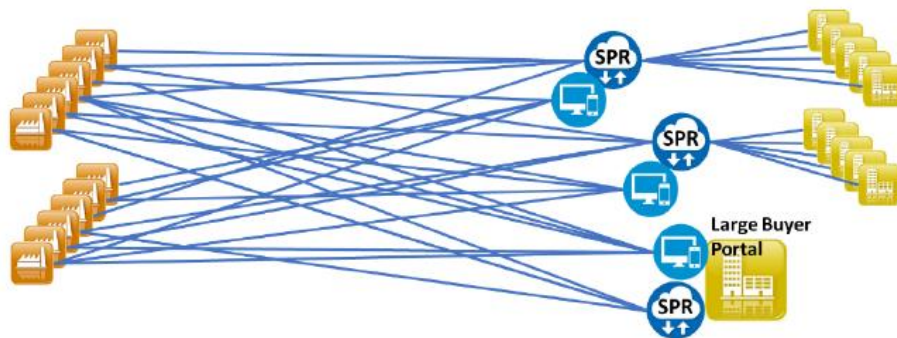
** European Multi-Stakeholder Forum on e-Invoicing – Report on Interoperability & Transmission, with a focus on SMEs, Oct 2018*

Today's agenda

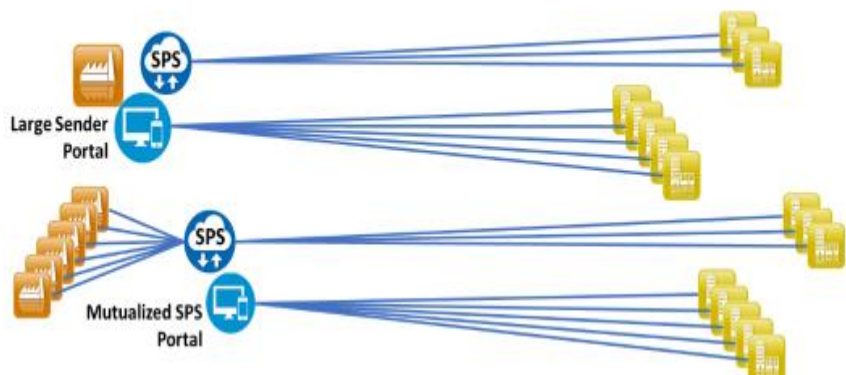
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Are peer-to-peer applications giving new life to electronic invoices?

3-Corner Model – Buyer centric



3-Corner Model – Supplier centric

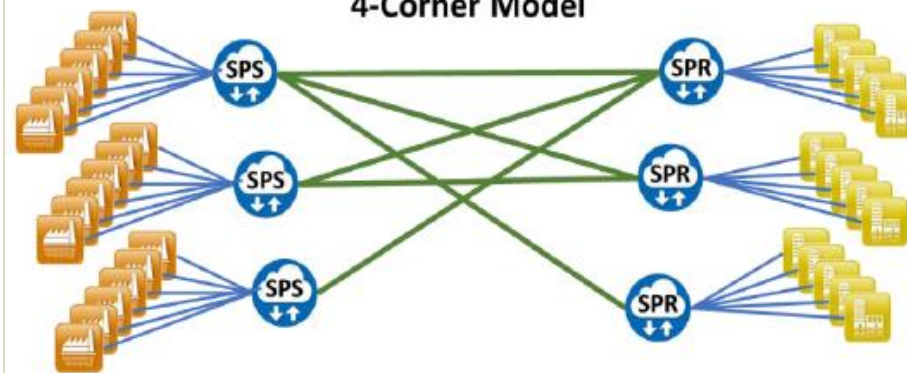


Reach and automation
Page 5



Choice and interoperability

4-Corner Model



4-Corner Model
through a "Meta Network" Ring

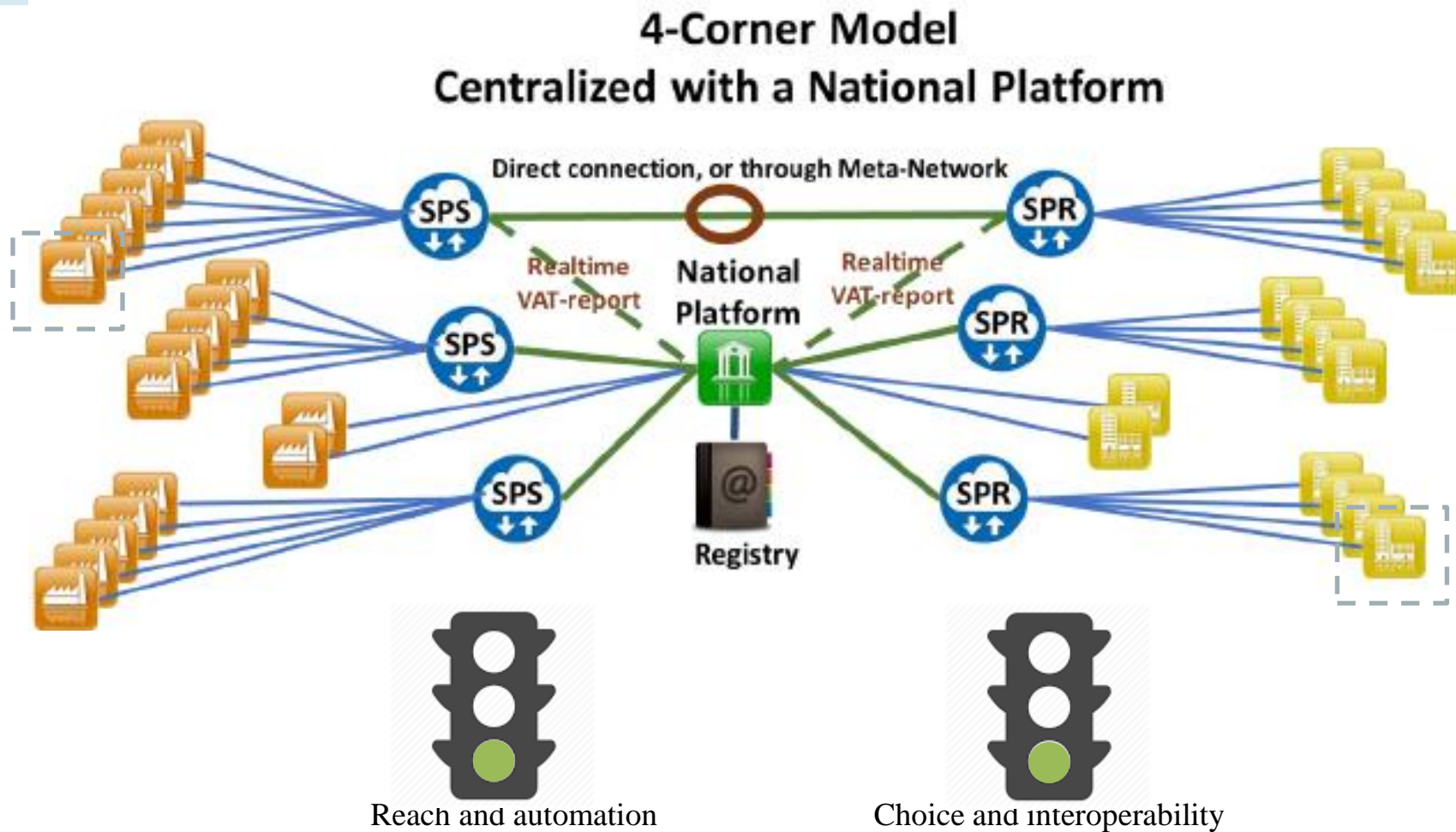


Reach and automation



Choice and interoperability

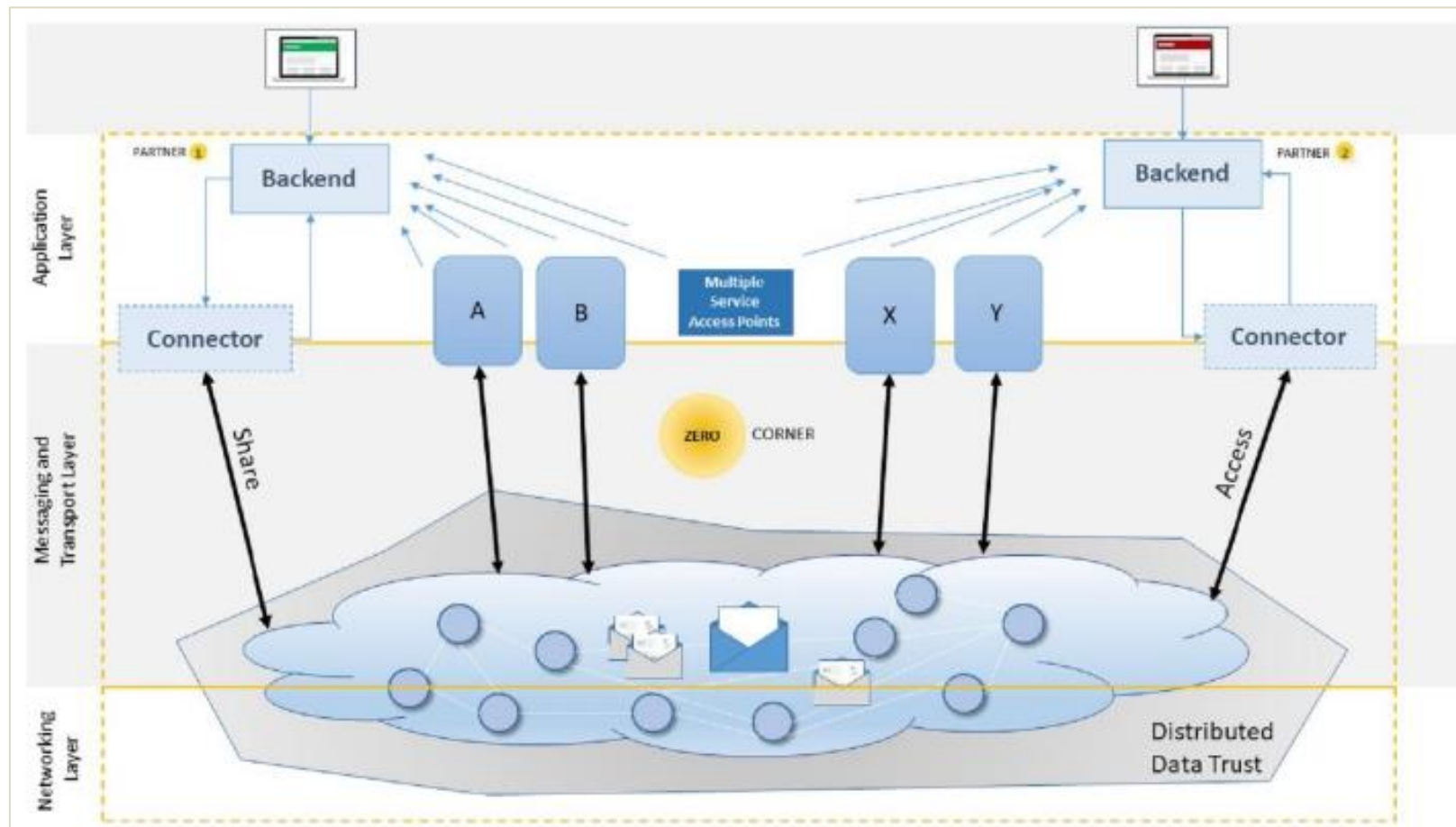
Are peer-to-peer applications giving new life to electronic invoices?



Is this peer-to-peer at all?

Are peer-to-peer applications giving new life to electronic invoices?

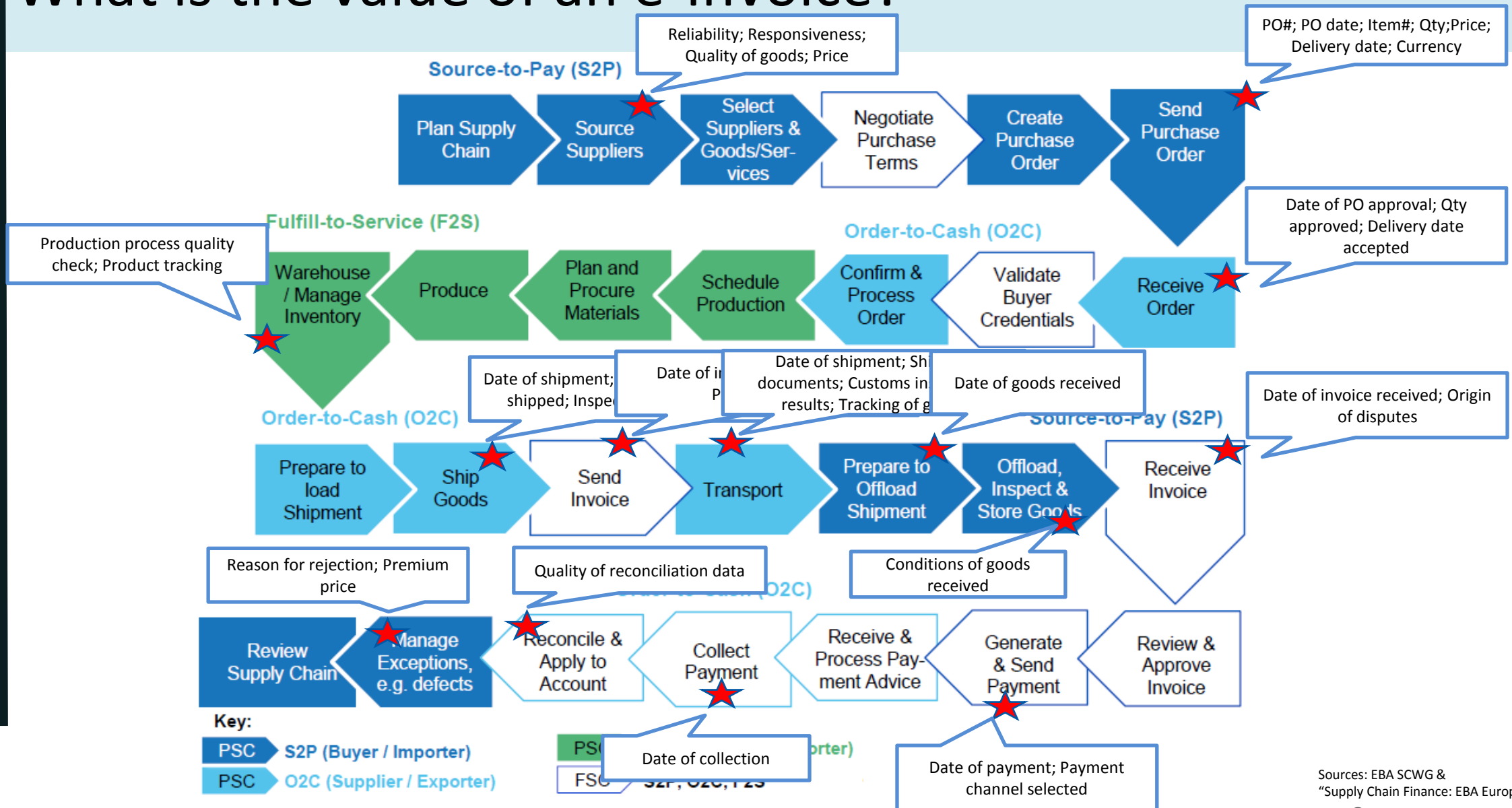
The “Zero Corner” Model



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What is the value of an e-Invoice?



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Will innovative peer-to-peer technologies remove all intermediaries?



Blockchain Electronic Invoice Issued By China Merchants Bank

Blockchain, Innovation, News | November 6, 2018

By: Maricel Custodio

China Merchants Bank (CMB) has become the first bank in the country to issue blockchain electronic invoices.

In its official release, the bank said it completed the development of blockchain electronic invoice system in just over a month, and connected it to the blockchain platform of Shenzhen Tax Bureau.

According to CMB, blockchain electronic invoices connect each invoice stakeholder to facilitate tracing invoice's sources, authenticity and reimbursement information. It will help address a number of issues that plague existing processes including false declaration and over-reporting of one vote and can significantly reduce operating costs and tax risks.

“For the tax authorities, the life cycle of the invoice can be monitored in real time, intelligent tax management can be realized, and the tax can be guaranteed to be paid in full and on time,” the bank said. “Compared with traditional paper invoices, the introduction of blockchain technology electronic invoices highlights its unique advantages of risk management control, convenient operation and full chain processing.

Will innovative peer-to-peer technologies remove all intermediaries?



By Helen Partz

MAR 12, 2019

Startup Finturi Raises \$2.2 Million for Its Blockchain-Based Invoice Finance Platform

Founded in September 2018, Finturi aims to help businesses finance invoices by linking them with financiers to borrow money against invoices, using blockchain and artificial intelligence.

Finturi plans to use both public permissionless and private permissioned blockchain systems. Private permissioned blockchain system will be used for the operational part and public permissionless blockchain system will be used for settlement and tokens.

Tokenization is the process of converting some form of asset into a token that can be moved, recorded, or stored on a blockchain system. In context to Finturi, tokenization means converting invoice into token.

Will innovative peer-to-peer technologies remove all intermediaries?

Centrifuge Tokenized Invoices as Collateral For Dharma Loans



Lea Schmitt [Follow](#)
Oct 19, 2018 · 6 min read

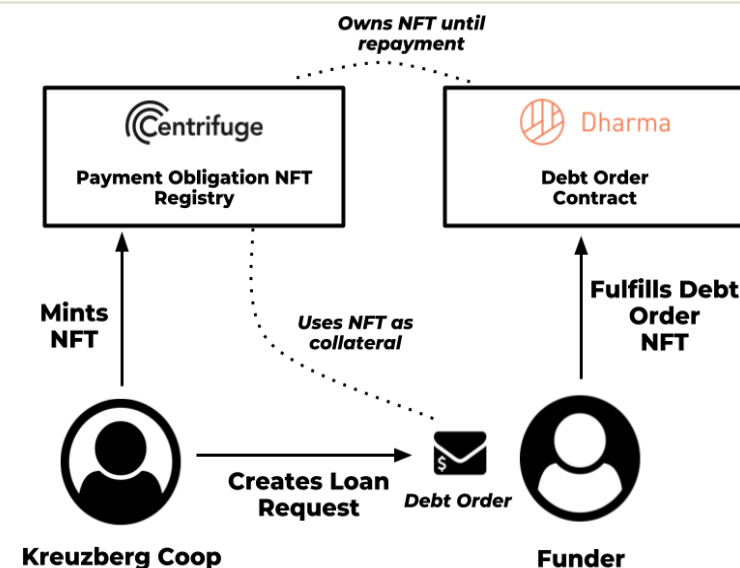
When users of Centrifuge OS exchange invoices, purchase orders, and other documents, they automatically have the ability to **create a tokenized version of their documents** on Ethereum. **Centrifuge provides a set of on-chain NFT registries** to represent these financial documents.

NFT= Non Fungible Token. A non-fungible token is a special type of cryptographic token which **represents something unique**; NFTs are thus **not interchangeable**.

To support a supplier with access to liquidity for an invoice that has been sent through Centrifuge OS, the **supplier mints a token** that **represents** the **payment obligation of a specific invoice**—a Payment Obligation NFT.

Dharma is a protocol that enables **decentralized origination, underwriting, issuance, and administration of tokenized debt assets**.

This aims to **create a liquid, decentralized market for those debts** that will allow for better discovery mechanisms, transparent pricing, and fair conditions for businesses and investors alike.



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Do we still need an invoice as we know it today?

**BEFORE I GIVE YOU MY ANSWER,
WHAT'S YOURS?**

Do we still need an invoice as we know it today?

MY ANSWER IS: NO!



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Enrico Camerinelli Sr. Analyst

ecamerinelli@aitegroup.com
+39.039.21.00.137

www.aitegroup.com