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Smart Trace

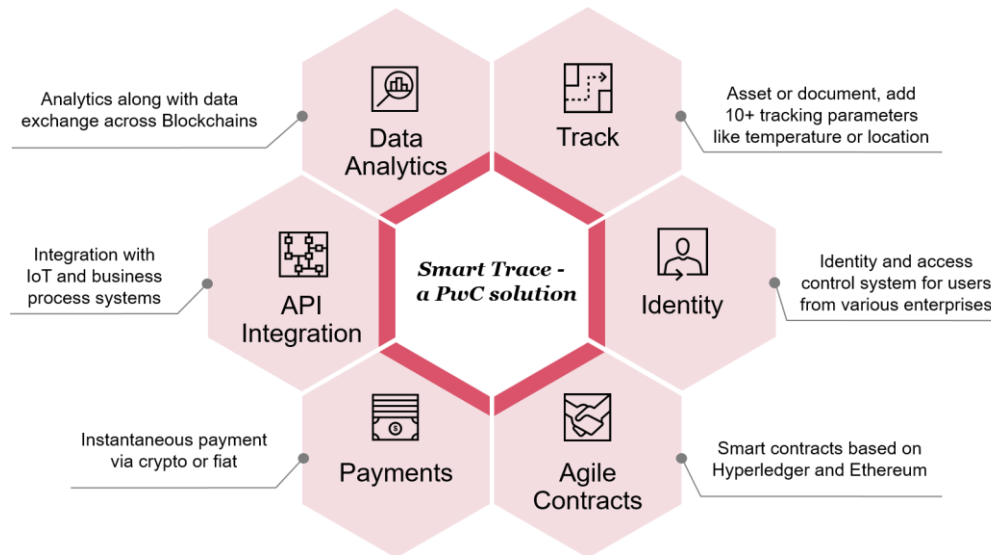
Track and trace solution enabling **easy third party integration** as well as **provenance for products, documents**

Modular solution built by PwC that can be applied to various use cases & client situations



Blockchain for supply chain

Smart Trace features

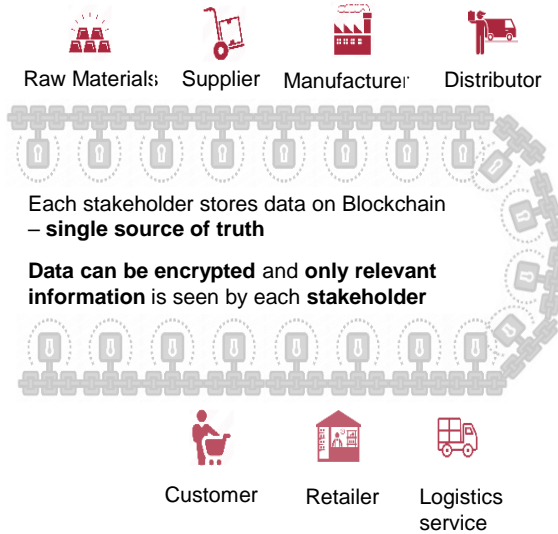


A game changer for supply chain management



Why will Blockchain be a game changer in supply chain management?

First hand information across the supply chain

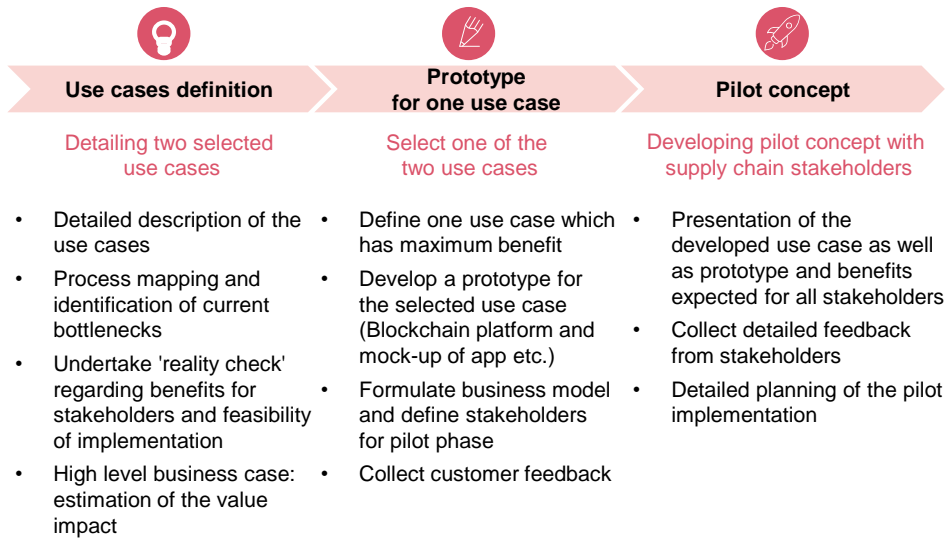


Major benefits of Blockchain in supply chain



Using a very comprehensive program, PwC proposes to understand the impact of Blockchain and test first applications

Example for a Blockchain learning & implementation program (to be adapted to individual needs)



Why PwC?

PwC combines unique experience of delivering Blockchain solutions with the depth of industry and regulatory knowledge that will help you define a robust and effective approach



Blockchain capability

PwC has deep Blockchain delivery skills having built and deployed live Blockchain applications and having completed a number of POC



Technology capability

We have years of experience innovating and delivering business critical platforms for some of the world's largest brands



Global footprint

We have Blockchain experts across the globe, esp. United States, Europe and Asia



Regulatory understanding

We ensure that all wider regulatory requirements are met and any potential concerns or restrictions considered



Experience

PwC has delivered a number of Blockchain POC blending technology skills with the deep domain knowledge of PwC's market experts.



Independent perspective

As an independent firm we provide a clear and objective perspective on technology options and preferred solutions

Blockchain is a powerful technology to increase transparency over multi-party supply chains

Main applications of Blockchain around supply chain



Track & Trace / Provenance

- Tracking & tracing of product, containers etc. across a multi-party supply chain
- Proof-of-provenance for products like organic food products, medicine etc.
- Automation of commercial processes via smart contract, e.g. payment, invoice generation and many more



Identity Management

- Digital identity platforms– applicable to suppliers, carriers etc.
- Platforms storing all types of certifications, licensing rights, contract arrangements etc. across a larger number of participants
- Platforms storing ownership or similar information, e.g. bill of lading etc.



Peer-2-Peer Exchange Platforms

- Logistics service provider platform: offering of free capacity in trucks, ships etc.
- Spare parts exchange platform
- Purchasing platform: direct buy from various suppliers
- Peer-to-peer financing platforms, e.g. for trade finance

Overview of some primary global Blockchain engagements

