


EY OpsChain Platform

July 2019



EY
Building a better
working world

A hand is shown interacting with a futuristic digital interface. The interface displays various data visualizations, including a line graph with multiple colored lines (green, red, blue) and a grid. The background is dark with glowing blue and purple light effects, suggesting a high-tech or digital environment. The text is overlaid on the interface.

**Blockchains will do for networks of enterprises and business ecosystems
what ERP did for the single company.**

A glowing blue fingerprint graphic is centered on a dark background. The fingerprint lines are intricate and radiate outwards from a central point, creating a sense of depth and focus. The blue color is vibrant and stands out against the dark backdrop.

Blockchains will integrate information and process within and across enterprise boundaries

Using tokens and contracts will be the standard way in which companies transact with each other.

Four main principles for wider adoption

Notarization



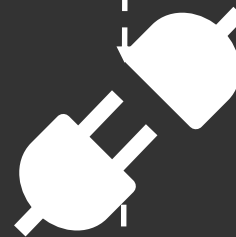
Tokenization

Crypto



Fiat

Separated



Integrated

Private



Public

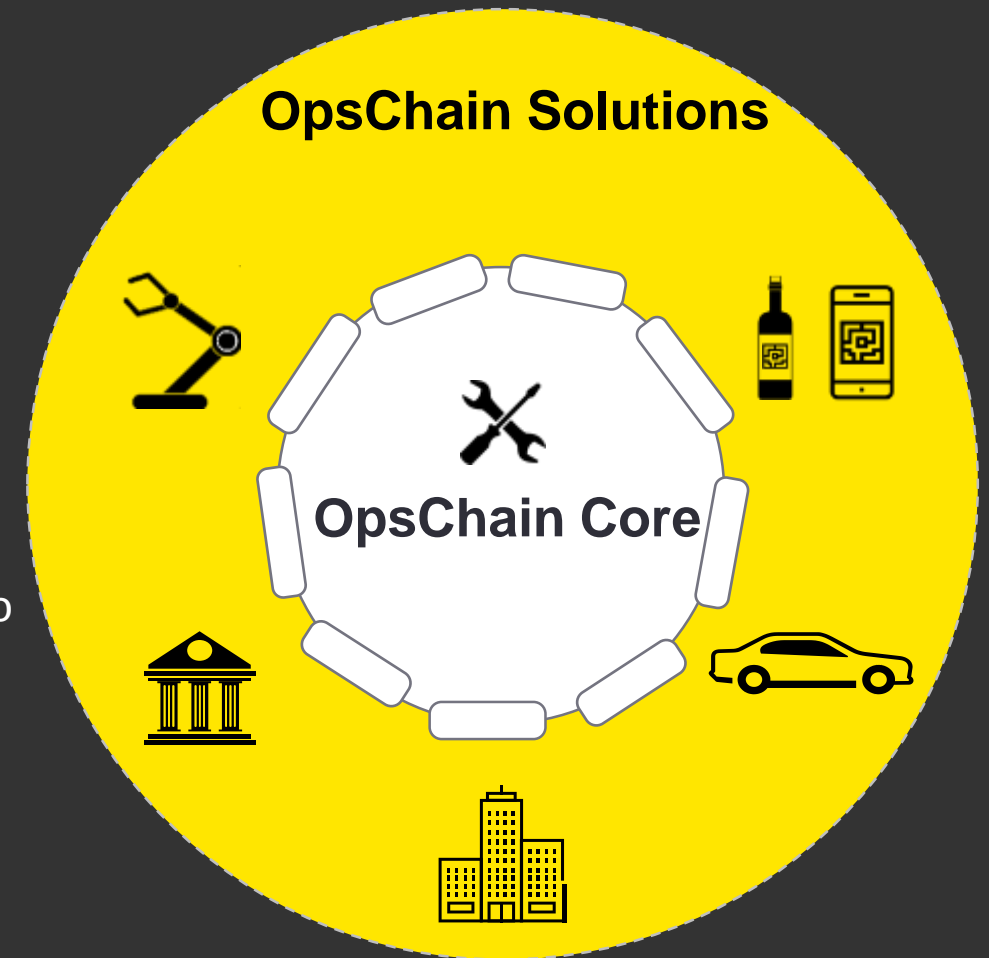


EY OpsChain Platform overview

EY OpsChain Platform is a set of integrated solutions based on a common core

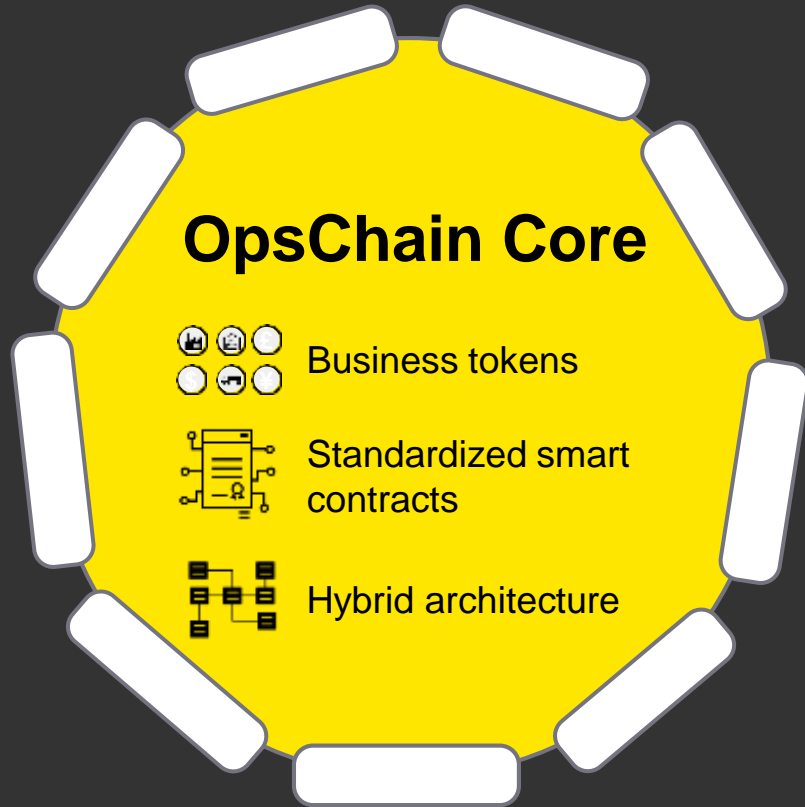
EY OpsChain confirms that shared processes and facts are synchronized across networks of organizations by **modeling existing business processes with tokens and smart contracts** on a blockchain.

- **OpsChain Core**
Standardized set of tools for designing and deploying enterprise solutions based on blockchain
- **OpsChain Solutions**
Pre-designed enterprise solutions that leverage OpsChain core to address various business challenges



OpsChain Core overview

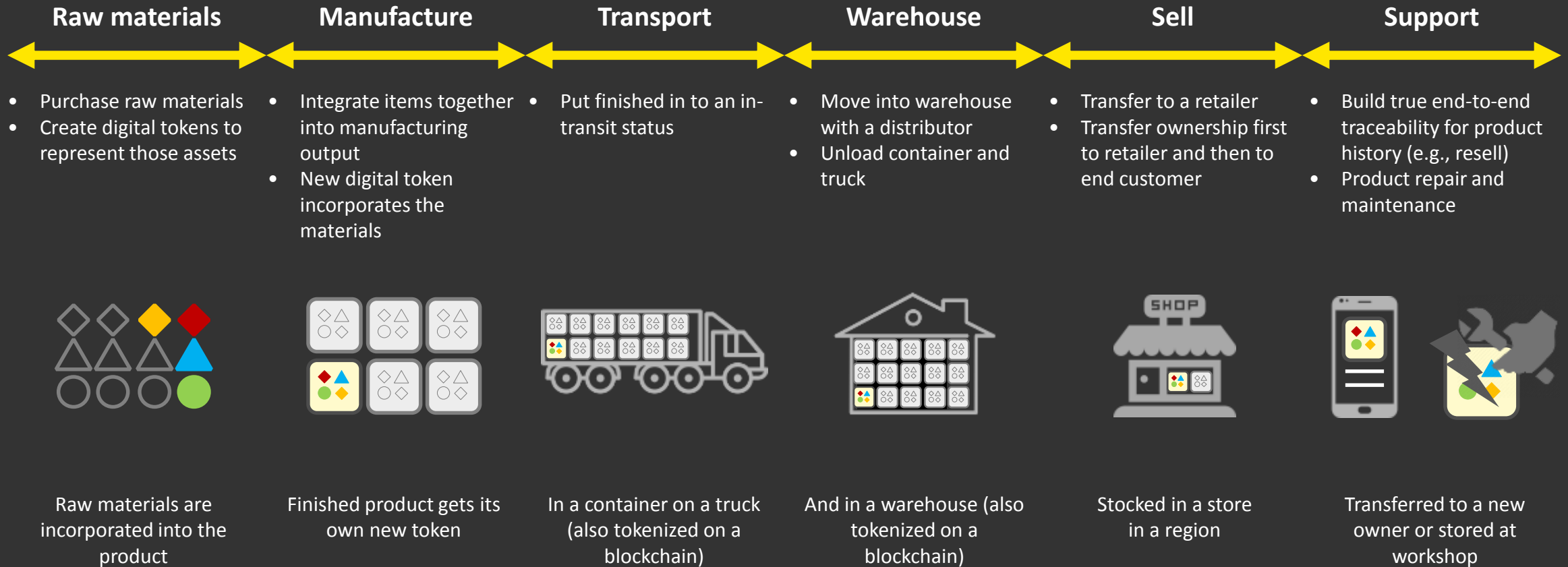
Standardized set of tools for **designing and deploying enterprise solutions based on blockchain**



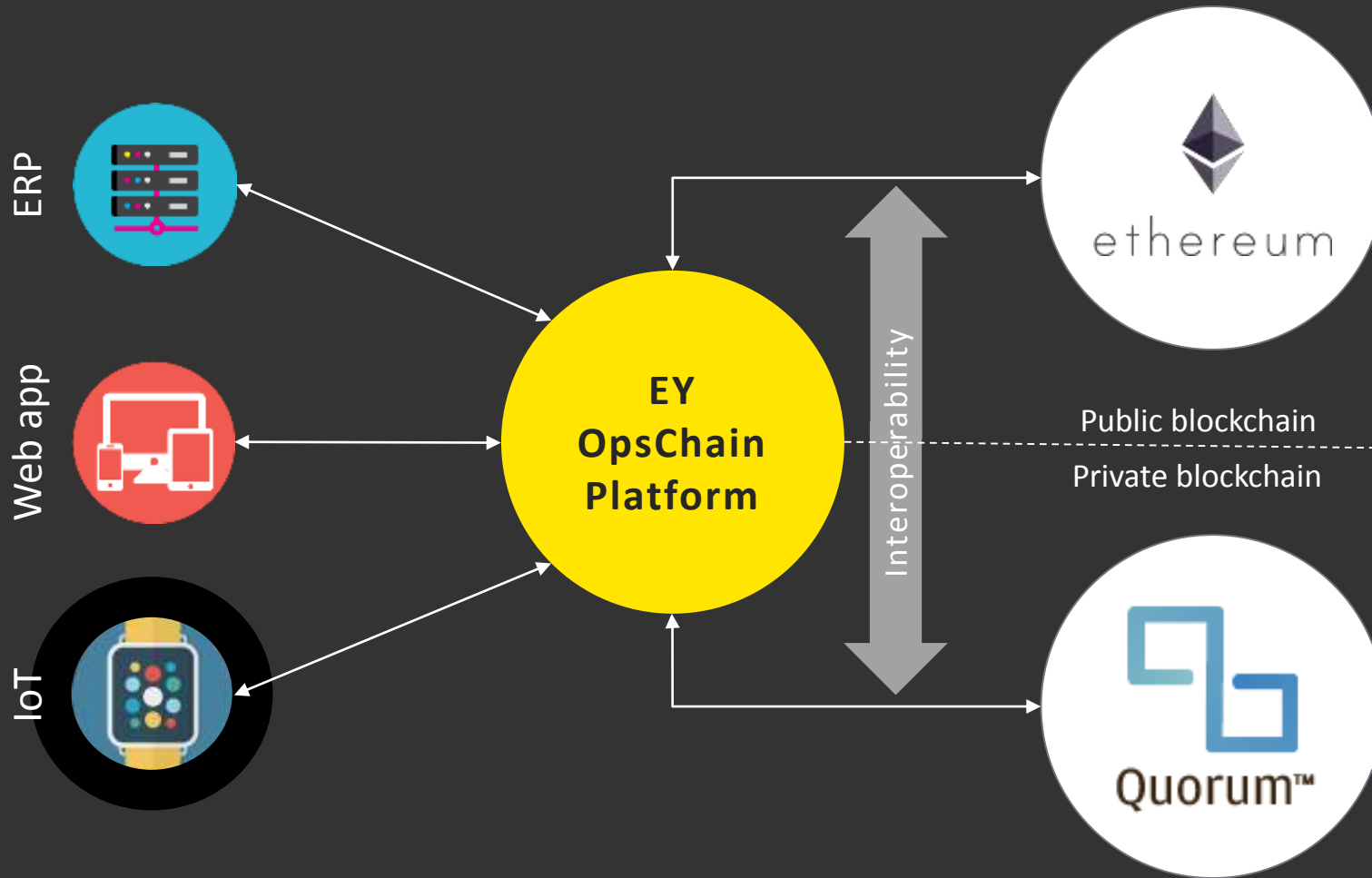
Benefits:

- **Interoperability:** seamlessly interact with ERP, IoT
- **Modularity:** reusable, flexible and customizable components
- **Sustainability:** upgradable components to adapt to rapidly advancing technology
- **Compatibility:** business token model fully compatible with Ethereum standards

Entire complex business networks can be represented through tokenization on a blockchain



EY OpsChain leverages a hybrid architecture to facilitate interoperability



By bridging the gap between public and private networks, a hybrid architecture enables:

- Better scalability via the private blockchain
- Interoperability between public and private networks
- A smooth transition from private to public blockchain as the technology evolves

OpsChain Solutions

EY OpsChain comes with predesigned enterprise solutions that leverage OpsChain Core to address various business challenges



Benefits:

- **Experience:** solutions are developed based on real business cases leveraging EY industry knowledge and subject-matter resources
- **Customizable:** solution can be fine-tuned to meet specific business needs
- **Sustainability:** technology is based on upgradable core components
- **Safety:** standardized components are used for better security of implementation

EY OpsChain encompasses five major blockchain solutions



Supply Chain &
Procurement

Manage the extended supply chain enabling end-to-end inventory management



Connected Asset
Manager (Tesseract)

Manage the fractional ownership and temporal usage of assets (rental of assets)



Public Financial Manager

Enhance transparency, accuracy, reporting and accountability along the entire public sector financial management chain



Traceability

Suite of integrated services supporting the food and drug industry for the promotion of transparency of production information



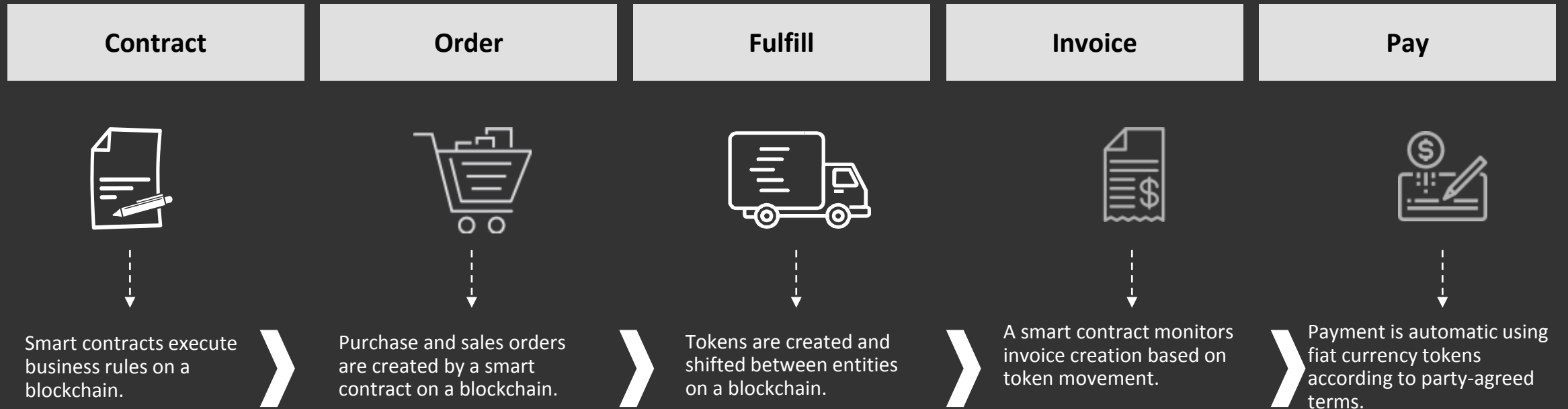
Intercompany

Eliminate the need for reconciliations and end-to-end transfer pricing management

Supply Chain & Procurement

How do modern enterprises manage a multi-tiered, global supply chain?

EY Supply Chain & Procurement is a blockchain solution enhancing end-to-end tracking of products, inventory traceability, settlement and automatic execution of multiparty agreements between untrusted organizations.



All running on one single source of truth



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Thank you 😊