



EY OpsChain Traceability

The trusted platform for Traceability and transparency in a supply chain ecosystem

EY
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Solution summary

Most consumer and B2B products that use traceability and asset tokenization focus on features like fraud prevention, verification and tracking sources across value chains. EY OpsChain Traceability, however, helps enable effortless creation and management of digital assets, so that organizations can seamlessly track and identify products wherever they are in the supply chain.

Business challenges

Enterprises looking to embrace blockchain technology believe they face some key challenges, for example:

- ▶ A lack of robust, privacy-enabled applications on public blockchains has limited widespread adoption.
- ▶ The complexity surrounding digital assets using blockchain technology demands a simplified approach.
- ▶ Confidential business information and transactions need to remain private within the public blockchain ecosystem.

Against this backdrop of concerns, EY OpsChain Traceability revolutionizes the status quo to serve as the go-to solution for enterprises. It not only addresses these concerns leveraging cutting edge technology Nightfall, developed by our R&D department, but it also presents an exciting opportunity for enterprises to transform their operations and supply chain management across the globe.

Solution description

EY OpsChain Traceability helps enterprises to create and manage digital representations (tokens) of their real-world assets. These tokens can be used to seamlessly track and identify an organization's goods and services across its global supply chain network.

Key product features

- ▶ Leverage our Token Service API's core services to begin your blockchain supply chain journey.
- ▶ Put your business partners and stakeholders in a confidential Zero-Knowledge-Proof environment, backed by a privacy application we helped develop into the public domain, Nightfall.
- ▶ Import previously deployed smart contracts and obtain ready-to-use APIs to support your business.
- ▶ Support high volumes of transactions to run simultaneously, using low gas fees.



Solution benefits

- ▶ **Enterprise-grade APIs:** EY OpsChain Traceability uses enterprise-grade APIs to help create and manage tokens, allowing enterprises to operate on public blockchains, giving them the option of complete confidentiality.
- ▶ **Reliable and scalable infrastructure:** EY solution provides seamless supply chain asset management for optimal performance and growth.
- ▶ **Digital asset creation:** Enterprises can create and manage digital representations of real-world assets. These tokens can be used to track an organization's goods and services across their global supply chain networks.
- ▶ **Flexibility of public or private operations:** Enterprises can operate on public blockchain, promoting transparency, or under a privacy layer, using zero-knowledge proof for unparalleled business confidentiality in asset tokenization.

Continuing the conversation

To more information and to have a demonstration of EY OpsChain Traceability, contact the team below.



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