

## OUR VISION

We aim to revolutionize the way companies interact throughout the global financial supply chain. Control over business data will be in the hands of its owner - the individual enterprise. Streamlined interaction through automated business logic embedded in smart contracts will enable companies to increase efficiency and access affordable liquidity. The open source nature of the protocol will ensure that Centrifuge OS benefits every business worldwide, no matter the size.



## CENTRIFUGE OPERATING SYSTEM (OS)

The Centrifuge OS is a decentralized platform that supports a new generation of applications for the financial supply chain. This foundation provides a digital and tamper proof system for businesses to exchange financial supply chain documents (e.g. invoices, purchase orders, company data, etc.) while providing an unalterable single source of truth for all enterprise relationships. A distributed data-layer, paired with public verifiability, and provable business relationships form the basis of Centrifuge's decentralized applications.

## CENTRIFUGE ECOSYSTEM

Built on top of the OS, DApps will offer services that will help businesses leverage the increased data transparency within the global supply chain. An example use case is Deep Tier Financing, which gives suppliers who operate in multilayered supply chains access to affordable and otherwise unobtainable liquidity; this is accomplished by transferring the risk-profile of large anchor buyers to any supplier linked through the blockchain protocol. In addition, legacy systems as well as third-party providers can be "upgraded" to now interact with the network and a global single source of truth via connectors that allow for easy integration.

## TECHNOLOGY

Centrifuge OS has three building blocks:

- 1 **Centrifuge Nodes** that facilitate data exchange on a peer-to-peer layer, with data being anchored in the public blockchain;
- 2 **Contracts** that are deployed on a decentralized, public blockchain application platform (initially, Ethereum);
- 3 **A Centrifuge-specific sidechain** that is anchored back to the public blockchain.



### P2P Network

Private, secure data exchange • Data sovereignty • Standardized document structures



### Sidechain

Fast throughput, low cost • Anchored back to mainnet Ethereum



### Ethereum Layer

Centrifuge OS Contracts • Identity, NFTs, Document Anchors

## TOKENS

To align node operator incentives, data producers and/or consumers, and app developers within the network, Centrifuge OS creates an economy based on a stable priced token. Assets within the OS can take the form of non-fungible tokens (NFT; ERC-721 standard) to allow integration with the Ethereum ecosystem at large. NFT metadata links back to the private data that can be requested on the P2P Layer based on NFT ownership.

## ABOUT CENTRIFUGE

Founded by three veterans of the Procure-to-Pay and Financing space, and backed by top tier VCs, Centrifuge's goal is to redefine how commerce operates. In collaboration with leading industry players, we're building a worldwide, decentralized network that allows companies to exchange business documents in a transparent yet secure and private way. Data sovereignty, censorship-resistance, and - most importantly - an ecosystem of application providers that build on top of this structure are a key area of