



EUROPECHAIN

EOSIO Technical Overview

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Why use a blockchain?

- Tamper-proof events database
- Strong cryptographic signatures
- Open and verifiable data
- Distributed

Why use EOSIO ?

- Enterprise Scale (Thousands of TPS)
- Readable Account Names (e.g europe.chain)
- Flexible Permissions
- Upgradable Smart Contracts
- Low Operational Costs / No Transaction Fees
- Proven Technology (15+ Months Live / No Issues)

Fungible Tokens

- Quick to deploy / Templates available
- Scalable to millions of users
- Smart Contract Templates for:
 - Escrow
 - Custody
 - Subscription

Non-Fungible Tokens (NFT)

- Unique token for each unique object 1:1
- Rights and permissions management
- Tools and templates available for:
 - Sales / Markets
 - Custody
 - Transfers (with customisable rules e.g geo-fencing)
- Real-Estate / Digital Goods and Assets / Gaming

EOSIO Smart Contracts

- Written in C++ (Mature/stable/secure)
- Upgradable
- State Memory (flexible)
- Complex / Enterprise Application Logic

EOSIO Permissions

- Accounts (not addresses)
- Roles and Permissions Hierarchy
- Changable Keys
- Multi Signature

Developer Tools

- Integration Libraries
- Data exporters / Realtime feeds
- Block Explorers
- End User Secure Wallets (Desktop/Mobile)

Thank You

