For institutional market makers, liquidity providers, and DeFi protocols

Composable real-world yield on a >50,000 TPS settlement core

Provide two-sided liquidity on the Eko Securities Exchange CLOB or integrate ERC-4626 senior receivable vaults across Ethereum, Arbitrum, Base, and Solana.

High-throughput execution and cross-chain composability

- **Institutional CLOB with atomic DvP:** Eko Securities Exchange pairs an off-chain central limit order book (>50,000 TPS with sub-second soft finality) with an EVM Layer 2 rollup settling to Ethereum via ZK validity proofs. Every matched trade settles atomically via delivery versus payment (T+0 DvP), eliminating counterparty settlement risk.
- **ERC-4626 composable senior vaults:** Senior receivable tranches wrap natively into standard ERC-4626 tokenized vaults, allowing DeFi protocols, yield-stripping markets, structured vaults, and treasury aggregators to plug into predictable 1-to-14-day real-world payment yields.
- **Multi-chain liquidity portability:** Via Chainlink CCIP and ZK bridges, the exchange's tranche tokens and ERC-4626 vault shares port seamlessly to Ethereum, Arbitrum, Base, and Solana for on-chain repo, money-market collateral, and secondary price discovery.

Technical specifications for builders and market makers

Stack component	Protocol specification
Execution and settlement	EVM L2 rollup (Ethereum L1 ZK validity proofs + L1 force-exit escape hatch) + >50,000 TPS deterministic CLOB.
Asset and vault standards	ERC-3643 (T-REX) and ERC-1400 partitioned security tokens; ERC-4626 senior yield vaults; USDC / EURC settlement.
Programmatic compliance	IIdentityRegistry.sol canTransfer() hooks enforcing federated KYC and ZK jurisdiction proofs on every transfer.

Next step for market makers and DeFi builders: Email us at hello@ekosecurities.com to talk about making markets on the exchange's order book and yield vaults.