

Revolutionizing Institutional Digital Asset Management with DeFi-MPC Custody



## Rox Ecosystem – Redefining Institutional Grade Digital Asset Infrastructure

In today's financial landscape, digital assets are no longer optional—they are becoming the backbone of global markets. Yet for institutions, the greatest barrier to adoption is trust: **how to secure billions in assets without losing control to third parties**. Rox Custody was built to solve exactly this problem. By combining **regulatory oversight, institutional governance, and DeFi-MPC security**, we deliver a custody model where institutions remain in charge, always.

At the heart of Rox Custody is our **Decentralized Multi-Party Computation (DeFi-MPC)** framework. Unlike traditional custodians, we ensure that no single entity ever has full access to a private key. Instead, keys are split and distributed through our **Self-Custody Manager (SCM)**, giving clients complete flexibility to decide how their shares are held, whether entirely in-house, in hybrid models with Rox cold storage, or fully distributed across multiple secure environments. This architecture removes single points of failure and guarantees that asset control always remains with the institution.

Security is reinforced by multiple layers of protection: **air-gapped cold storage** for backups, **Hardware Security Modules (HSMs)** for cryptographic operations, advanced encryption, two-factor authentication, and policy-driven transaction approvals. Every outgoing transfer is governed by the **Transaction Policy Engine**, which allows institutions to define granular rules, such as approval thresholds, whitelisted addresses, and automated compliance checks, ensuring that every movement of funds aligns with internal governance and regulatory requirements.

Rox Custody is more than a vault; it is a **complete institutional infrastructure**. Through **Smart EVM Wallets**, clients can operate a single wallet address across multiple blockchains, eliminating complexity in multi-chain operations. The integrated **Gas Station** centralizes payment of network fees, enabling institutions to streamline costs and simplify operations across thousands of wallets. Treasury functions are supported through a suite of vaults, including Internal, Segregated, Consolidated, Escrow, and Gateway vaults, each designed for specific institutional use cases such as payroll, trading operations, settlements, or international escrow services. All of this is accessible via APIs and a secure mobile application, allowing real-time oversight and policy-bound approvals on the go.

The strength of Rox Custody extends into the broader **Rox Ecosystem**, which integrates directly with **Rox Chain**, our high-performance blockchain delivering over 65,000 transactions per second TPS, and sub-second finality. This seamless combination of custody and blockchain infrastructure enables enterprises to confidently migrate from Web2 to Web3, tokenize assets, launch private stablecoins, and build fully compliant digital finance solutions, all while maintaining the highest levels of governance and security.

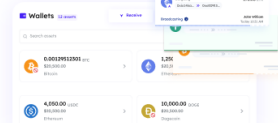
By placing **Rox Custody at the center**, the Rox Ecosystem ensures that every innovation, whether settlement, tokenization, or payments, operates on a foundation of uncompromising security, decentralization, and institutional trust. For banks, corporates, and fintechs, it represents a future where digital assets can be managed with the same confidence and control as traditional finance.

The Rox Ecosystem brings together every critical component institutions need to securely enter and scale in digital finance. At its core is **DeFi-MPC Security**, a next-generation custody framework that eliminates single points of failure by splitting private keys and placing control firmly in the hands of the institution. This foundation is reinforced with **enterprise-grade wallet infrastructure, backup and recovery systems, and policy-driven governance**, ensuring assets remain protected, compliant, and always under the right level of control.

On top of this secure base, Rox unlocks the operational tools that financial institutions demand. **Treasury management, trading operations, tokenization, and payments** are all seamlessly integrated, enabling efficient liquidity allocation, compliant settlement, and real-time execution across multiple blockchains. By combining security, scalability, and usability into one unified platform, Rox delivers a complete institutional-grade solution for managing digital assets with confidence and agility.

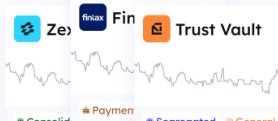
### Treasury Management

Gain full control over digital assets with tools to manage liquidity, allocations, and compliance efficiently.



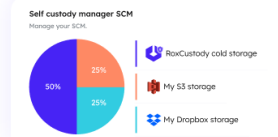
### Wallet Infrastructure

Build on an enterprise-grade wallet technology that ensures security, scalability, and seamless integration.



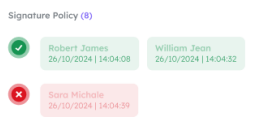
### DeFi-MPC Security

Access decentralized finance securely with multi-party computation, eliminating a single point of failure.



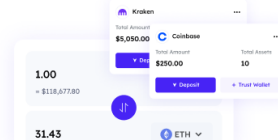
### Platform Governance

Enforce policies, approvals, and oversight to keep the digital asset operations secure and compliant.



### Trading Operations

Execute and manage trades seamlessly with secure, automated workflows designed for speed and accuracy.



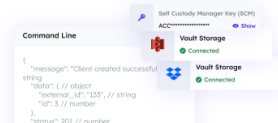
### Tokenization

Convert real-world assets into digital tokens, unlocking new liquidity and investment opportunities.

Asset	Qty	Amount
Token	3.500	\$285,138
Token	12.350	\$37,983.95
Token	3.500	\$24,688.41

### Backup & Recovery

Protect critical keys and transaction data with encrypted, redundant, and easily recoverable backups.



### Payments

Enable fast, secure, and borderless transactions with built-in transparency and regulatory alignment.

