



Prodev Hackathon Entry

Abstract Multisig+ USCD Wallet

Pairing the best money with the best governance

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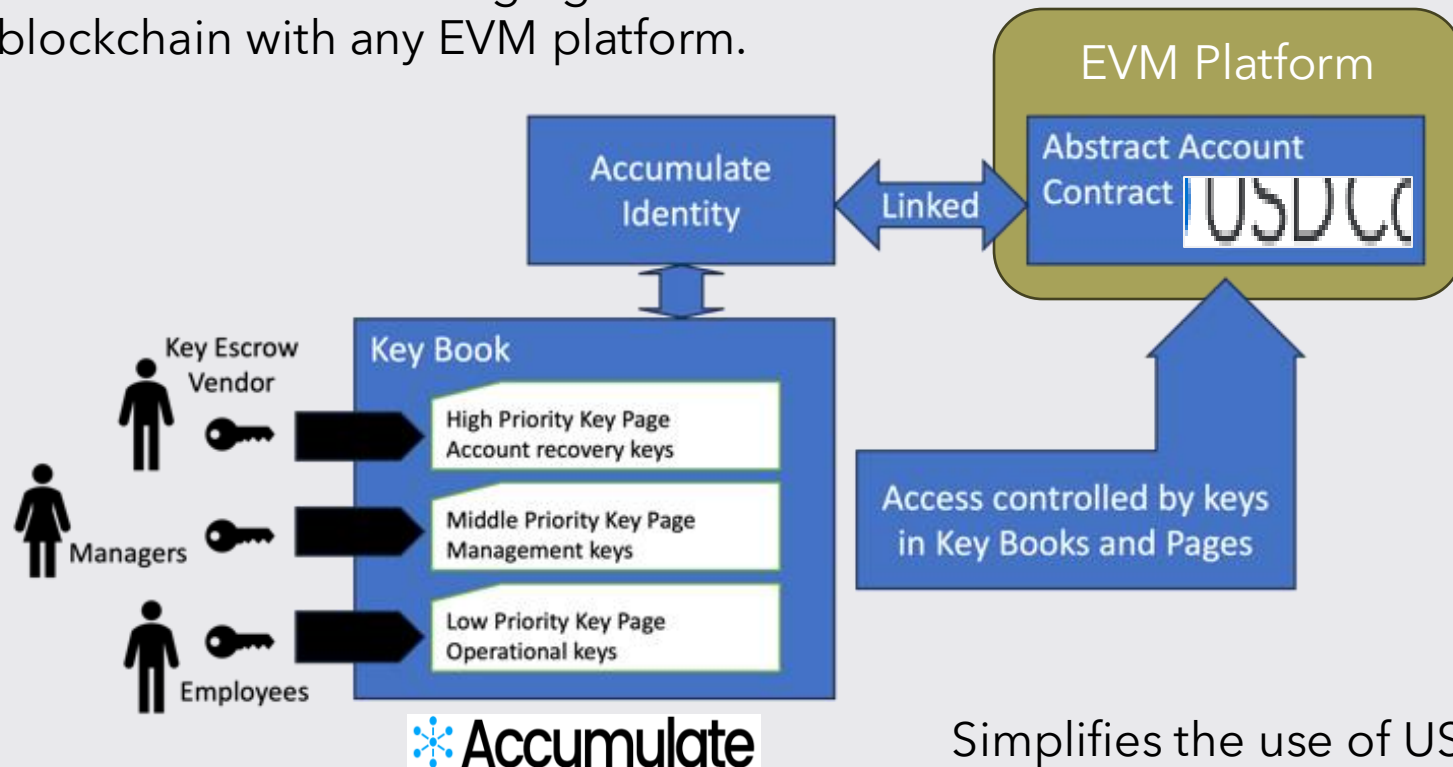
Money is
hard to
control

The background of the slide is a dense, overlapping pile of numerous stacks of US dollar bills. The bills are primarily one-dollar bills, with some two-dollar bills visible. The stacks are of varying heights and are scattered across the entire frame, creating a textured, financial-themed background. The text "With a single static private key" is overlaid on the left side of the image in a large, white, sans-serif font.

With a single
static
private key

EXOR LABS Delivers Control

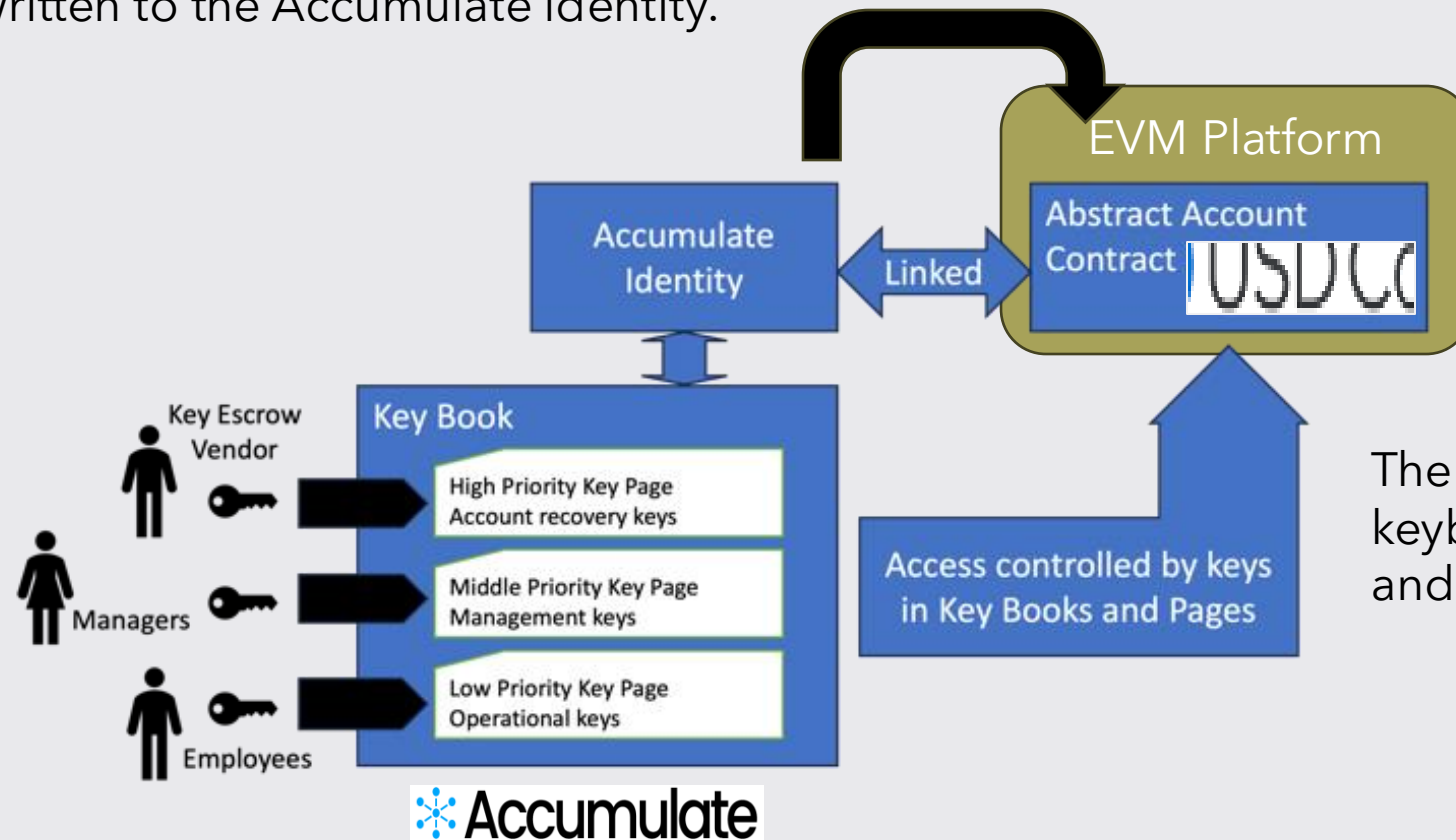
We have created a wallet infrastructure which wraps USDC in Multisig+ security which is enforced at the blockchain level leveraging the Accumulate blockchain with any EVM platform.



Simplifies the use of USDC in business processes

Leveraging Identity

Each EVM platform abstract account is tied to an Accumulate identity such that the account contract will only respond to commands first written to the Accumulate identity.



The identities are controlled by sets of keybooks identifying the keys required and threshold.

Supports Governance

Roles

Desk
Desk manager
Risk manager



Transaction Requires

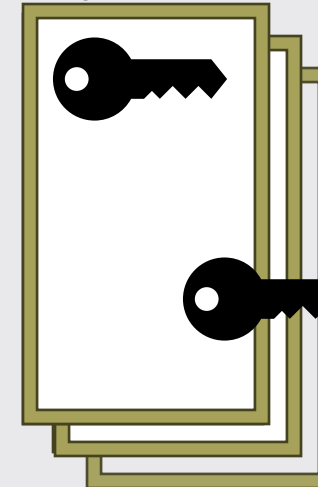
1 of 7 desk signatures
1 of 3 desk manager signatures
1 of 5 risk manager signatures.



Account



Keybooks



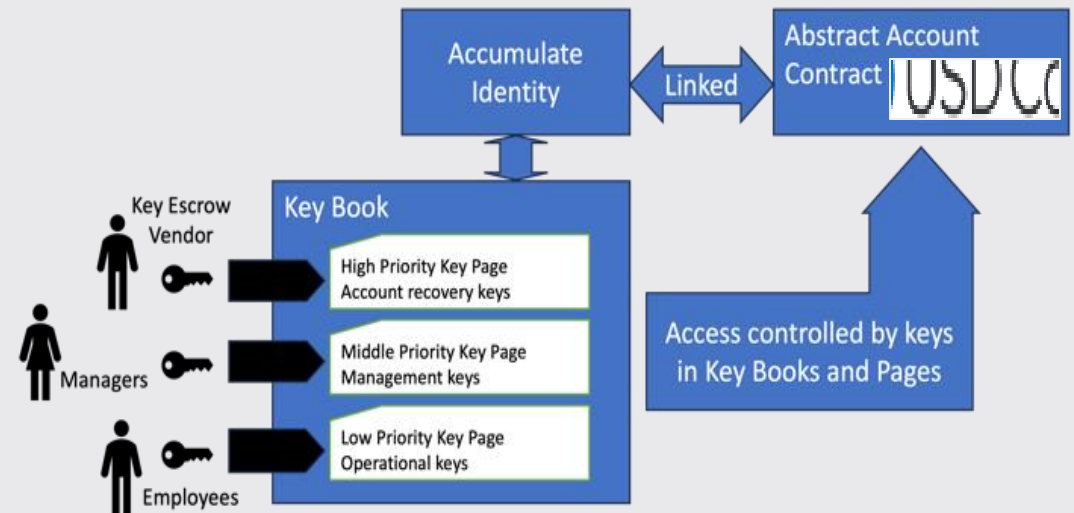
Employee Key

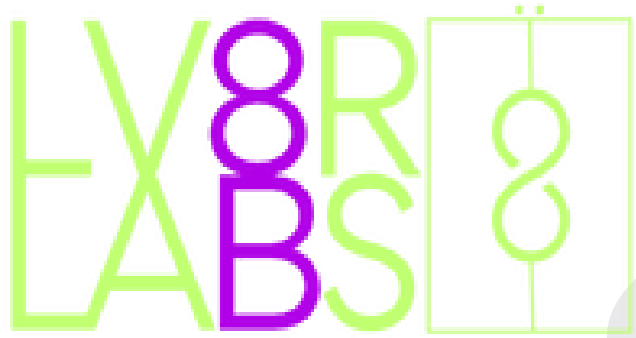


Keys can be added and removed as employees move in and out of roles

Making Smart Money Smarter

- Supports complex multisig including key delegation
- Keeps security enforced at the blockchain level rather than in vulnerable smart contracts



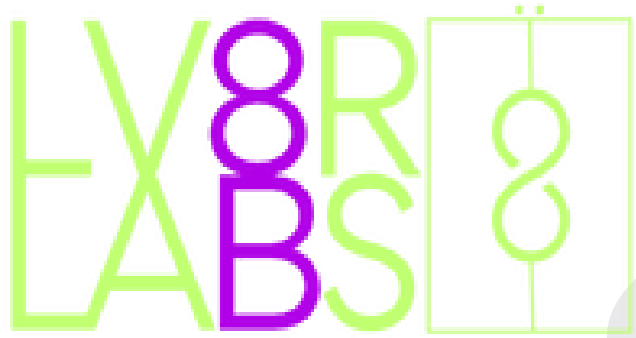


Product Impact

Our Accumulate based Abstract USDC accounts is key to the LV8R Labs product roadmap as it enables and simplifies:

- Custody - Enabled by key delegation
- Operations - Employees can be added and removed from roles responsible for accounts without creating new accounts as keys can be added and removed from the keybooks of the identity association with the account.
- AML and Regulatory Adherence - Accounts are linked to a blockchain based identity which supports AML and other regulatory needs.



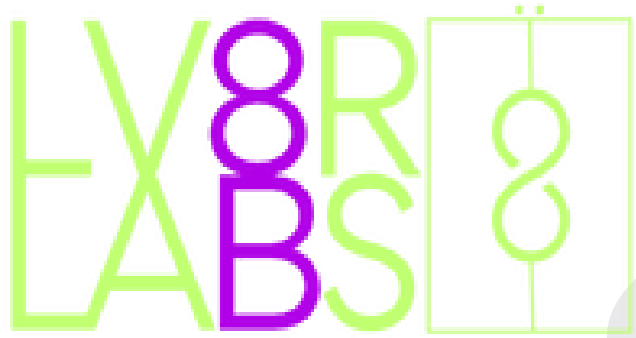


Roadmap

We plan to integrate USDC Multisig+ Accounts into the complete suite of LV8R Labs products including:

- Our currently in production RWA tokenization products first quarter 2025
- Our organizational support products second quarter 2025





Technologies Used

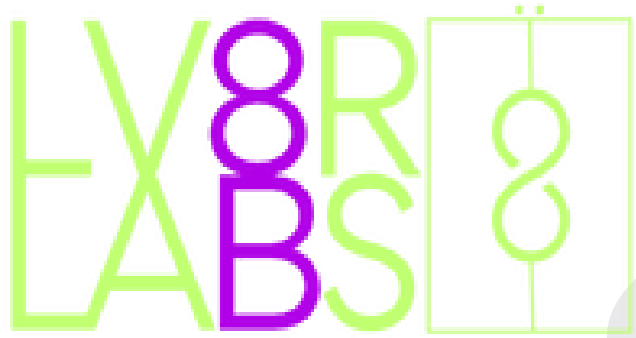
We have built our product leveraging existing Operation Crypto wallets as well as the base ERC 4337 as the starting point for our Abstract Accounts.

Tech Stack

Solidity - Node JS Hardhat - Forge/Foundry

Javascript





Project Team

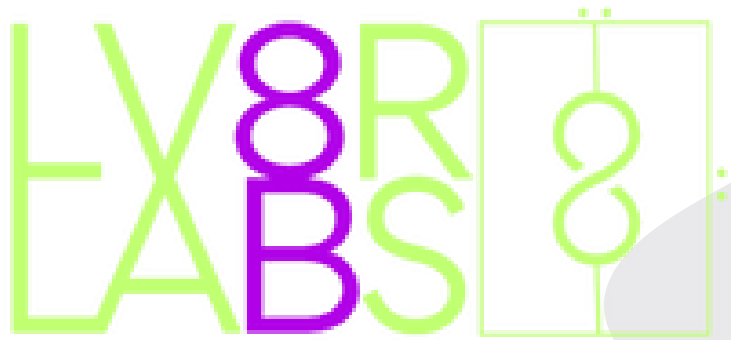
Jon Chambless - EL8R Labs President

Michael LeSane - Smart Contract Wrangler

Binoy Jose - Operate Crypto javascript wizard

Ethan Reesor - Accumulate mage





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- Operations - Employees can be added and removed from roles responsible for accounts without creating new accounts as keys can be added and removed from the keybooks of the identity association with the account.
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