

# Who we are?

**Lockton** is an international group of companies engaged in research and development in **blockchain technologies**.

The group actively creates and integrates regulated blockchain solutions and consults on implementing best practices in the **Web3 industry**.

## Location



Uzbekistan



Ukraine



UAE



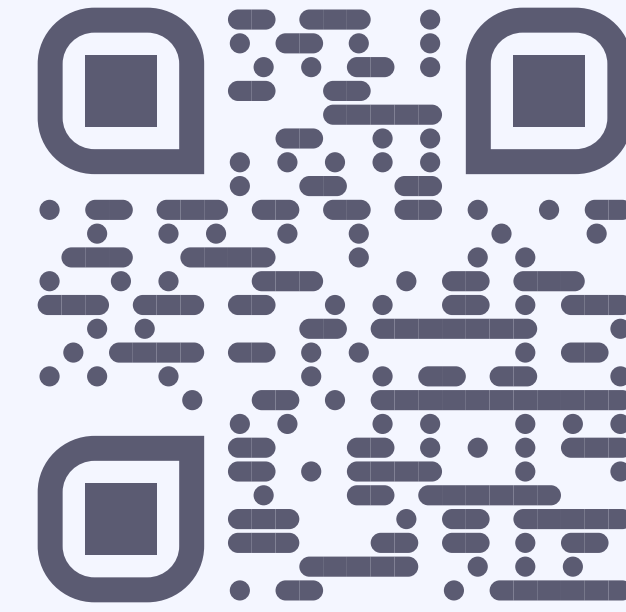
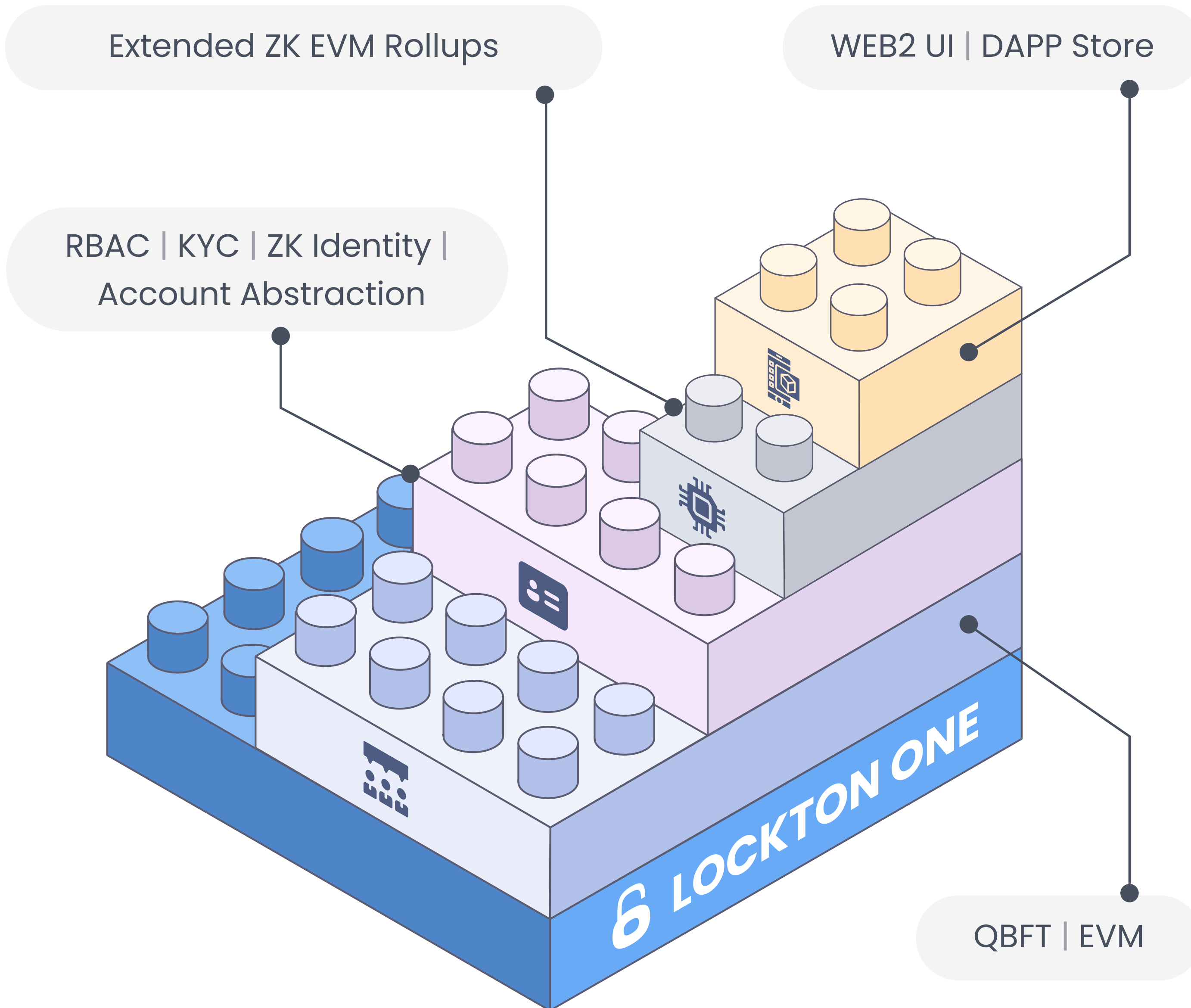
Lithuania

Technical Partner

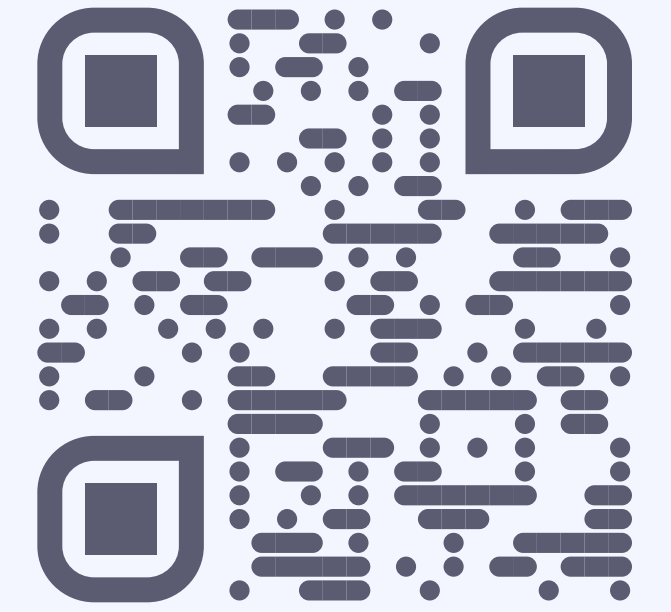
**Blockstream**

Official Partner

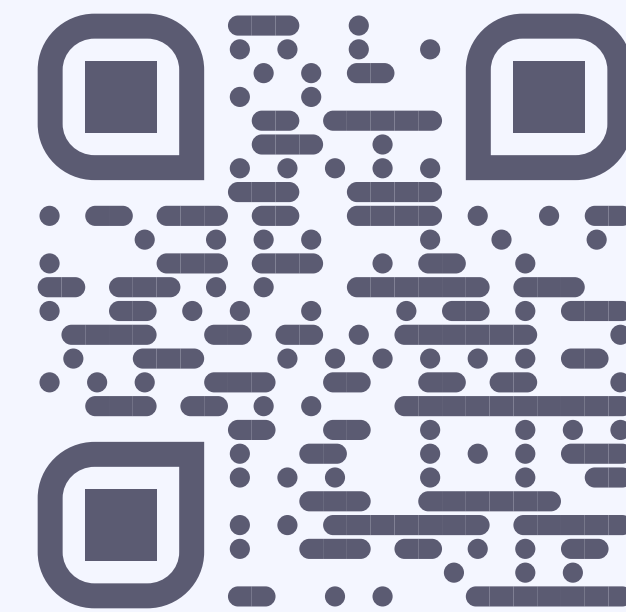




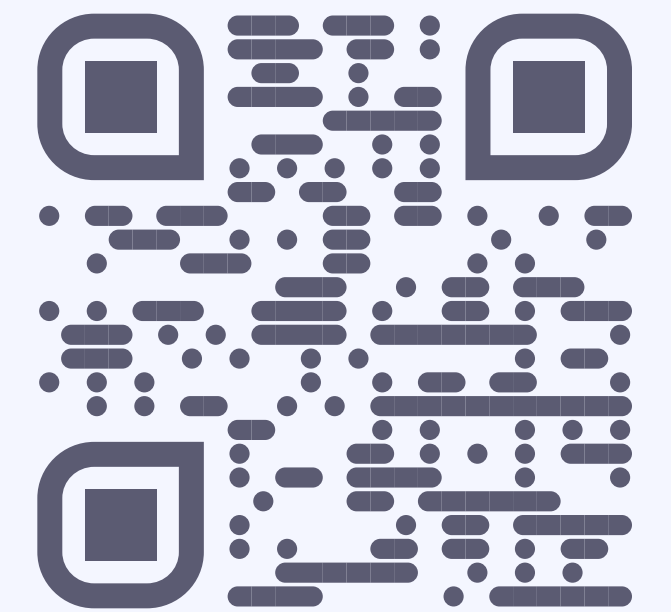
lockton.io



lockton.one



lcktn.com



lockton.uz

# Industry problems



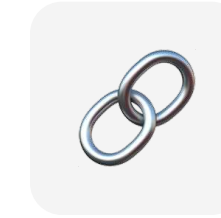
**Ineffective control** of the crypto sphere through administrative measures



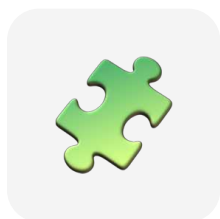
**Lack of KYC** in decentralized, permissionless systems



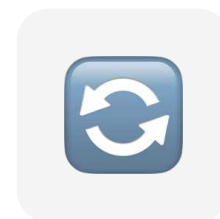
**Lack of a technological method** for regulating the circulation of crypto assets, contributing to corruption



**Absence** of a cross-platform identity system



Issues with **consolidating monitoring data** from disparate systems



**The lack** of regulated and accepted **integration** between traditional finance and crypto

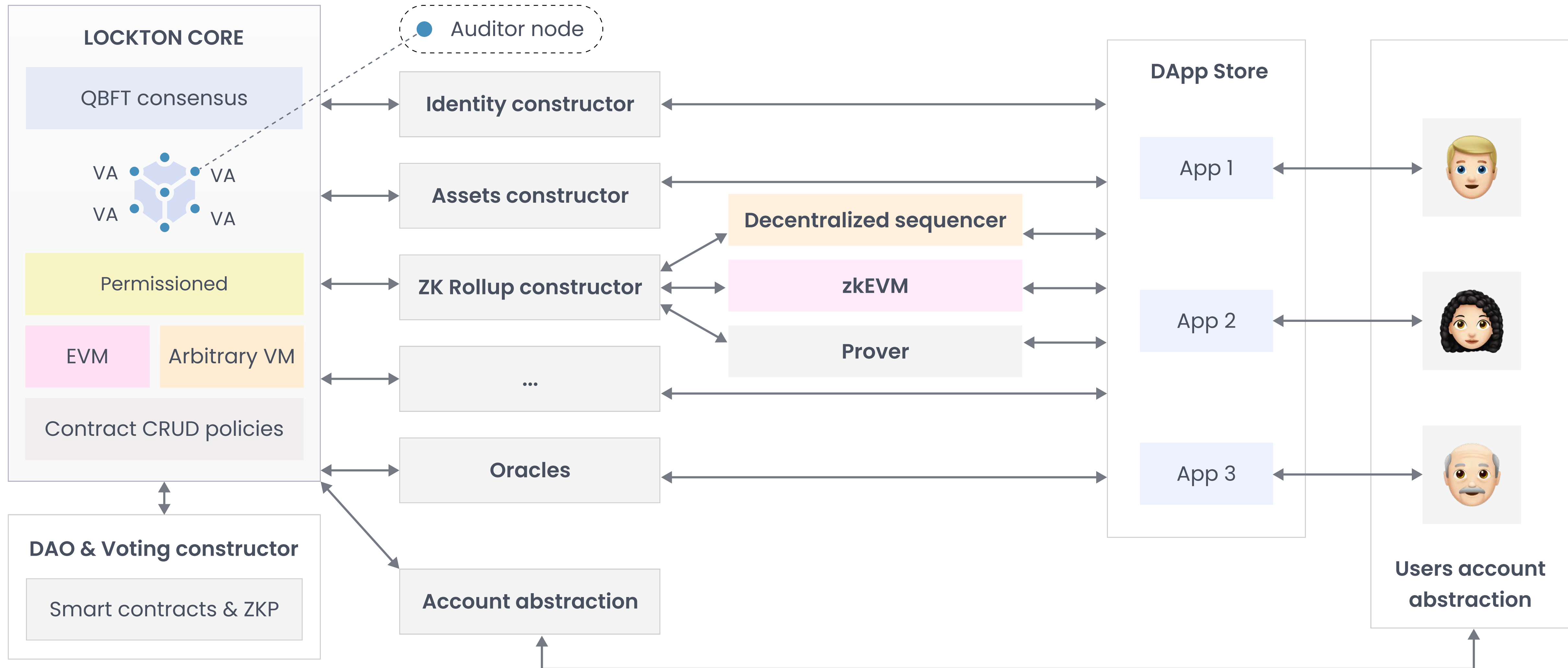


**Ignoring the advantages of blockchain** for all types of regulated value transfers



**Difficulty in complying** with extensive regulatory requirements by market participants

# Basic logic architecture



# What does Lockton One provide?



**User identification and data storage**  
at the network  
administration level

Projects in the network are **not required to be responsible** for storing user data

**RBAC** architecture **ranks users** by role and risk levels

Access to applications depends on the **user's risk level**

Issuance of **ZK attestations** about user data

Account Abstraction:

1. **Enables access** through various **authentication models**
2. Supports setting complex, flexible **account interaction rules**



**DAO**

The ability to establish your **own rules** for network governance

# ZK Rollups



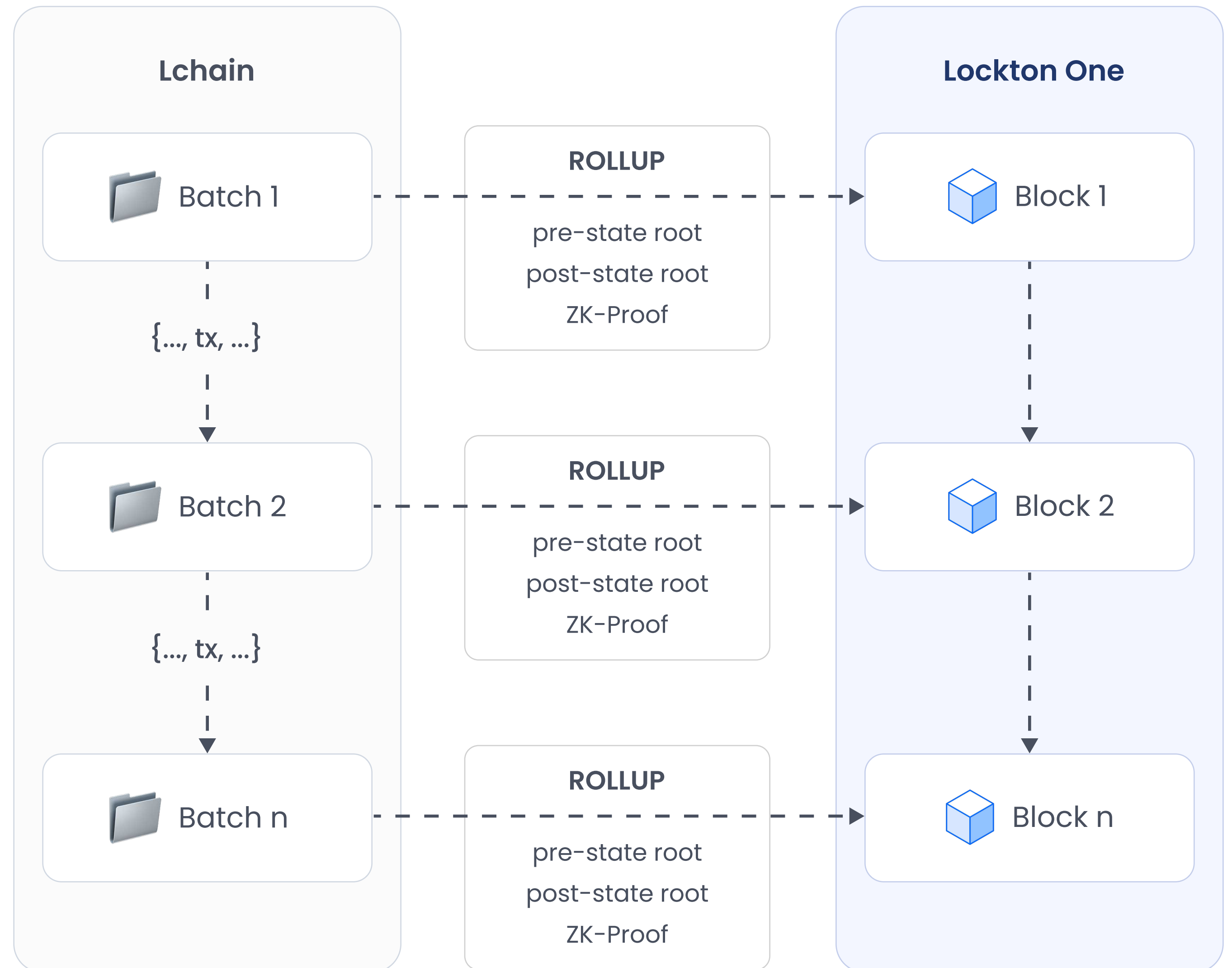
The ability to deploy a Lchain (**Layer 2 solution**) “out of the box” by settings your own business logic.

Rules can be arbitrary if they **do not violate the protocol rules** of the parent network.

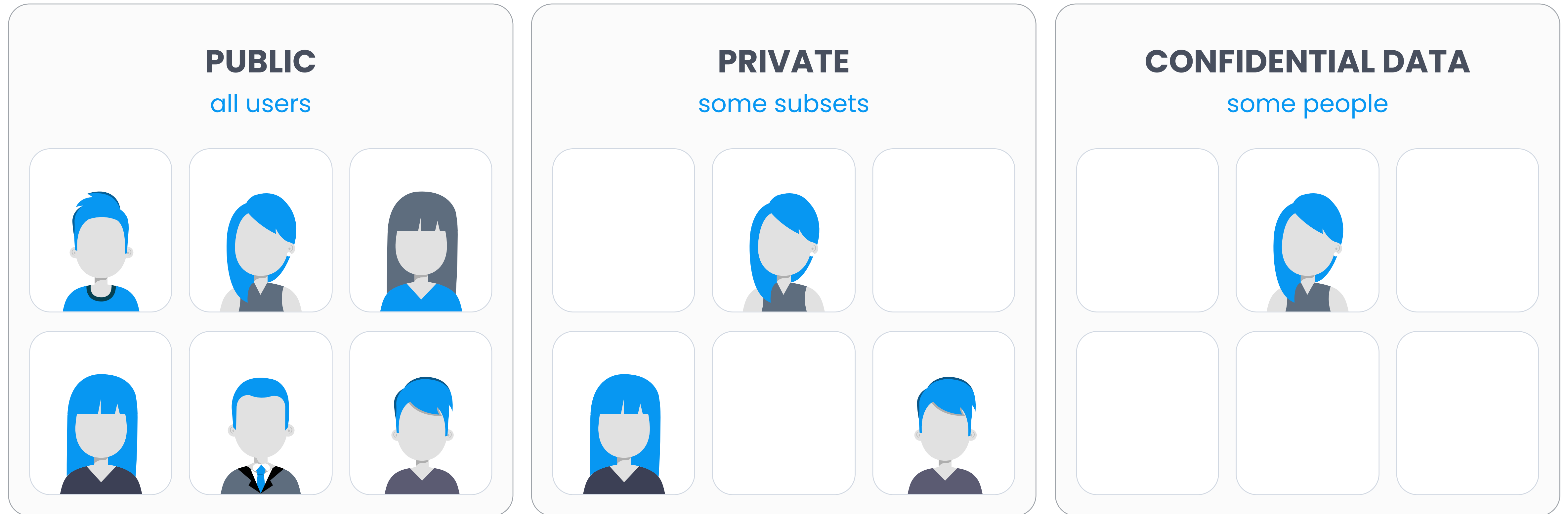


**Custom tokenomics rules:**

- Tokenless, use of native Lockton token, **use of own token**



# Privacy and accountability



Companies can keep sensitive information confidential while making it accessible and verifiable to regulators and authorized government authorities

# Identity

With the Lockton One's identity infrastructure, the **user's account will store confirmations** and be able to **reuse them** whenever needed for any applications integrated into the infrastructure.

This will work based on the **Iden3 protocol**, which allows for self-sovereign identity (meaning that an identity can issue attestations to another identity, which can relate to an individual, organization, or system/machine).

This module will enable **user identification**, access **policy management**, and **verifiable attestations** by various organizations and applications.



# Balancing Business and Regulation

This way, we create an environment where regulators and authorities can ensure that basic compliance requirements in L1 or regional requirements in Lchain have been met. It is a technological tool and an argument in the hands of the industry to establish a balance between business and regulation.

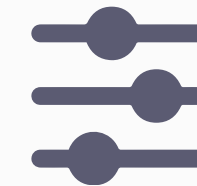
## POSSIBILITIES



Transparency and Privacy



Permission



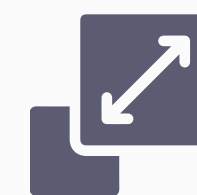
Controll



Speed



Legal Compliance



Scalability

# What is Lockton One?

Lockton One is a permissioned blockchain network capable of enabling projects to operate in compliance with modern regulatory standards.

**QBFT + MIDDLEWARE +  
Institutional\_validators + EVM + zkEVM +  
PHISHERS + ONCHAIN\_KYC +  
OPEN\_SOURCE = Lockton One**



# The general topology of Lockton One

## LOCKTON ONE BASE LAYER (L1)

An international level ensuring compliance with basic FATF recommendations



Designed for regions, emirates, countries, or international projects without a specific jurisdiction.



Enables the deployment of multiple L2 (regional level) via ZK Rollups with mathematical proof in L1 for compliance with basic rules.

## REGIONAL LAYER LCHAIN (L2)

Ensures compliance with country or regional regulations that meet or exceed FATF recommendations



Supports compliance with regulations like the Travel Rule and MiCA, including stricter standards.



Supports deploying multiple L3 (corporate level) via ZK Rollups with L2 mathematical proof for regional compliance.



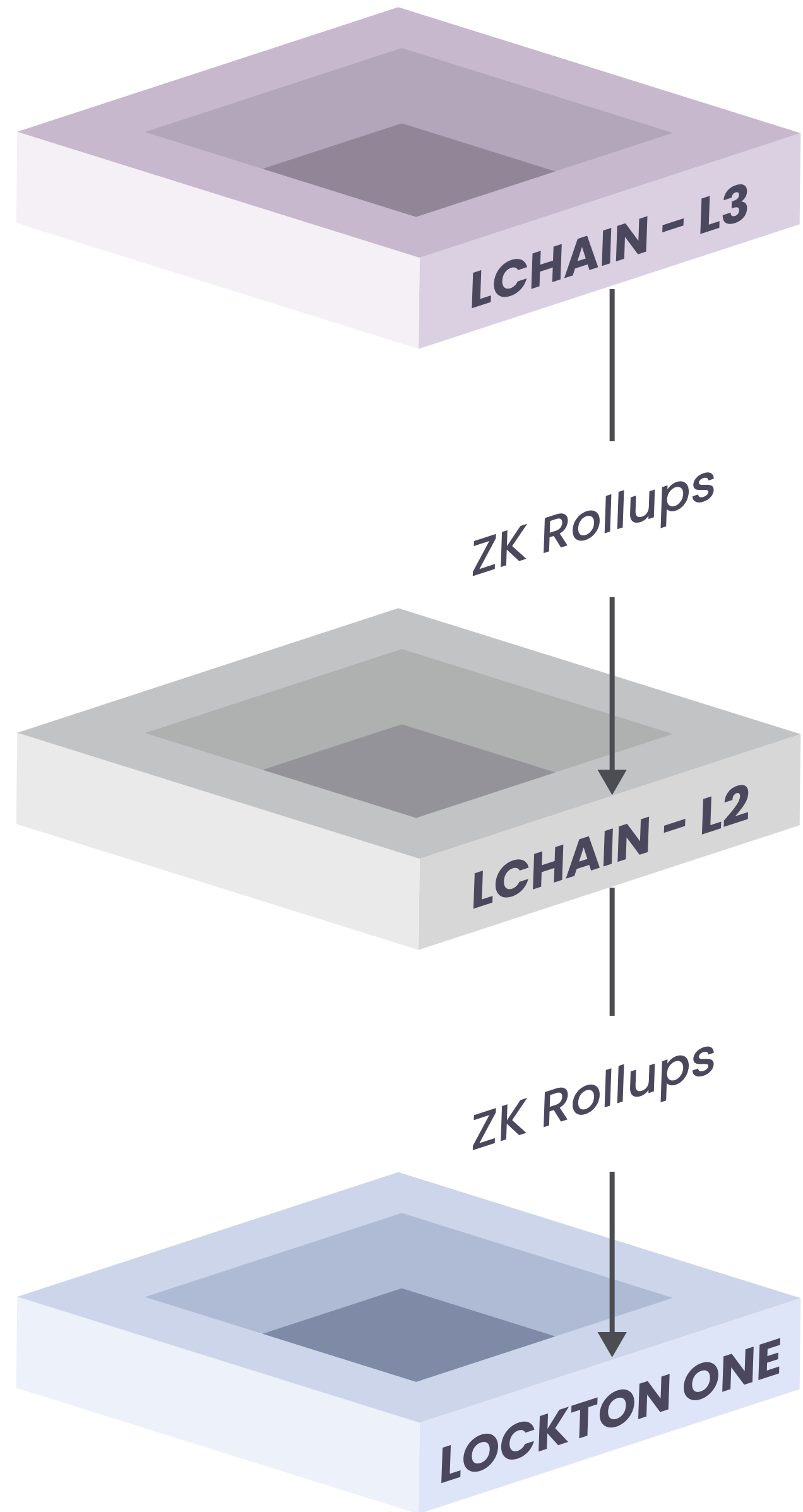
Validators at this level can include regional government agencies, large banks, and companies.

## CORPORATE LAYER (L3)

Designed for large projects, ensuring compliance with government regulations via mathematical proof



Validators at this level can include interested companies.



**Intercorporate regulations**

*User who has passed KYC*

Tax Roles

Corporate governance

Applications

**National regulations**

*Corporate user who has passed KYC*

Tax Roles

Government authorities

Applications

**International regulations**

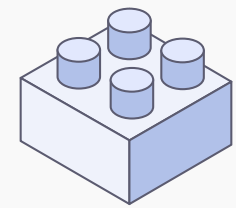
*Government user who has passed KYC*

Basic FATF recommendations

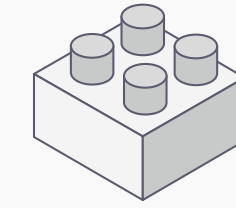
International projects who has passed KYC

Applications

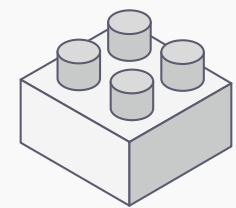
# Features



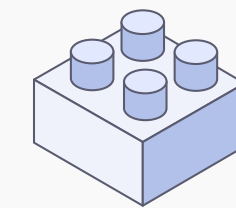
Account abstraction



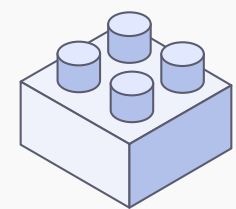
Identity infrastructure



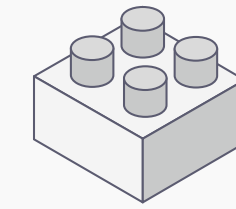
User ranking by risk level



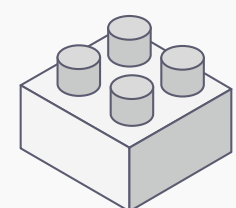
DAO and chain governance



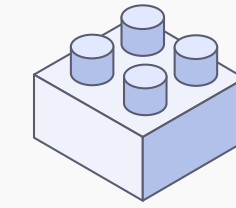
The tool base for quick ZK Rollup deployment



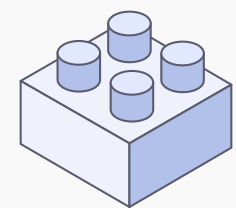
Shared Sequencer



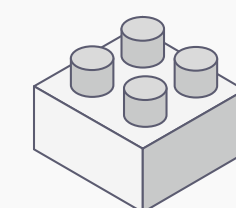
Privacy for organizations



General purpose virtual machine



dApp Store



Zero-Knowledge extraction of confidential data

# Roadmap

## Q1-2 2028


### Iden-3

Iden3 is a protocol that enables self-sovereign identity

#### FEATURES

 User identification

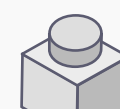
 Access policy management

 Creation of verifiable statements by various organizations and applications

### Privacy for organisations

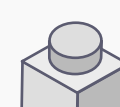
Lockton One provides the mechanism to get "eligible privacy", meaning keeping balances and payments hidden with proof of their correctness and legitimacy

#### FEATURES

 Protection of the relationship between the business and the client

 Hiding balances and the history of interactions with competitors

 Provable tax calculation mechanism

 Provable non-membership in sanction lists and connection absence with risk accounts

# Roadmap

## Q3-4 2028

### DAO Structure and Voting

The DAO & Voting Framework is a constructor for designing collective decision-making systems, including a set of built-in smart contracts and zero-knowledge proof schemes

#### FEATURES

 Anonymous voting

 Community structure creation

 Community management

 User identification


### Shared Sequencer

The Shared Sequencer is a system component responsible for processing atomic cross-rollup operations

#### FEATURES

 Atomic transaction execution

 Cross-rollup transaction management

 Elimination of single point of failure;

 Ability to create shared contracts' states

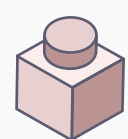
# Roadmap

## 2028

### zk-SQL and zk-ML

zk-SQL and zk-ML are technologies that use zero-knowledge proofs to ensure data privacy and security

#### FEATURES



Statements about confidential data without disclosing their exact value

### Application-specific rollups

The tech stack that allows the launch an application-specific rollup with a mathematical proof of execution

#### FEATURES



Higher performance compared to general purpose rollups

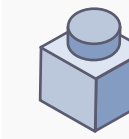


Efficiency-oriented recursive proofs for application history

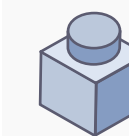
### General purpose virtual machine

Integration of Risk0 stack to support zk proofs for arbitrary programs

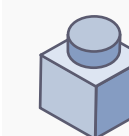
#### FEATURES



More oriented for traditional banking applications



Running the arbitrary instructions supported by RISK-V architecture



A wider range of possible applications

# Team



## Adian Abbasov

Co founder of Lockton, system architect (Ukraine), serial entrepreneur



## Alex Kurbatov

Engineering Manager at Blockstream, PhD in Cybersecurity.



## Alex Yakovenko

Co founder of Lockton, legal advisor (UAE), PhD in law, ACAMS certified AML specialist, adjunct professor of Webster University (USA)



## Denis Shipilov

CEO of Lockton HUB LLC (Uzbekistan)