

Crypto Securities Registry Services for Asset Managers and Custodians

Knowledge building, conception and implementation from one-stop



Electronic Fund Units

In the case of electronic fund units, the global certificate, which previously had to be held in custody at a central securities depository (CSD), is replaced by an entry in an electronic register.



Crypto Fund Units

Crypto fund units are electronic, blockchain-based unit certificates registered in a decentralized crypto securities registry.

ASSET MANAGER + DEPOSITARY INSTITUTION

*Issue of electronic fund units
(also possible for existing funds)*

ASSET MANAGER + CUSTODIAN

Issuance of (tokenized) crypto fund units

REGISTRY MANAGEMENT

According to eWpG, the register can be kept either by a central securities depository or by a custodian (licensed custody business)

Registrar is according to KryptoFAV, custodian or another company commissioned by the custodian (with license)

TECHNICAL INFRASTRUCTURE

The use of a blockchain as infrastructure for the registry is officially allowed and useful for the further process of digitalization and automation in the fund industry

The use of a blockchain as infrastructure is mandatory for crypto fund units

Asset Manager

Custodian / Depository Institution

COST SAVINGS

- Cost savings due to the elimination of the global certificate
- Automation of various existing processes (e.g., calculation of key tax figures and commissions) and elimination of previously necessary reconciliation efforts
- Registry management and issuance of tokenized funds/fund units can also be handled by different units of an organization, depending on the design (insourcing → eliminating CSD costs)

POSSIBLE EARNINGS

- Connecting new digital trading venues and reaching target groups Y, Z, and younger with tokenized fund shares.
- Opening up new distribution channels e.g., direct-to-client distribution as well as simplified distribution of complex AIFs (e.g., private equity) to private investors
- In addition, register management can be included in the product offering as a service for third-party providers and partner funds

Modular Process Model for the Implementation of Digital Fund Shares

LEVEL 1 – Conducting Knowledge Building Workshops

Module I: Basics

Introduction to the functional and technical fundamentals of blockchain technology

Module II: Deep Dive

Bitcoin and Ethereum as well as custody of digital assets

Module III: Use Cases

Relevant factors as well as decision criteria for assessing the meaningfulness of using blockchain technology

Module IV: New Business Models

Implications of new use cases in the current regulatory and policy environment

LEVEL 2.1 – Preliminary Study – Potential Analysis

As-is Analysis

- Issuance and distribution
- Subscription and Redemption Process
- Systems and dependencies
- Cost situation + pain points in daily business

Legal Analysis

- Elaboration of regulatory options
- Review of the legal situation with the in-house legal department, incl. a review of existing licenses

LEVEL 2.2 – Preliminary Study – Target Operating Model

Target Operating Model

- Derivation of possible target images, e.g., regulatory aspects, registry management, issuance + distribution, subscription, and redemption process
- Rough calculation of the business case
- Improvement of existing pain points

Vision

- Possible future developments and scenarios in relation to the use case
- New distribution channels, e.g., crypto exchanges
- Impact of digital assets in investment funds, the impact of the "digital euro"

LEVEL 3 – Technical Proof-of-Concept

- Joint workshop to define the scope and relevant KPIs
- Project management and coordination
- Execution of PoC as proof of concept
- Evaluation KPIs

LEVEL 4 – Live Proof-of-Concept

- Integration of the most important core systems
- Coordination with BaFin regarding the requirements to be met
- Preparation of the live PoC within the framework of various workshops
- Phased go-live approach with selected pilot clients/funds
- Integration and implementation of the PoC

Minimally invasive implementation of PoCs through existing partnerships:



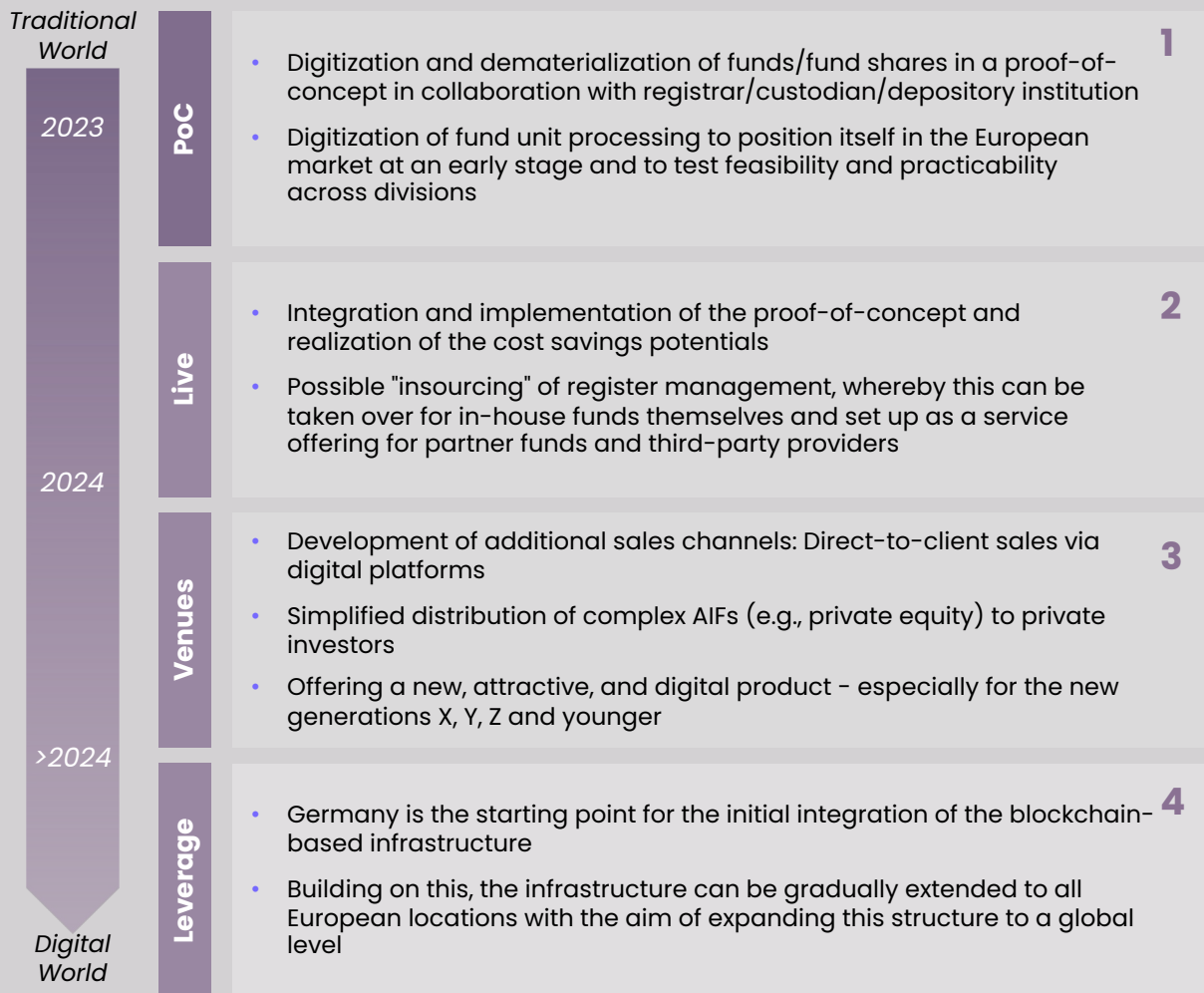
Software-as-a-Service platform



Crypto securities registrar and crypto custodian

Roadmap for Building Blockchain-based Infrastructure

Cost savings through more efficient processing and the development of new sales channels



LEADING CONSULTANCY FOR BLOCKCHAIN AND DIGITAL ASSETS

intas.tech focuses as a consultancy for financial institutions and asset managers on **the strategic assessment of blockchain deployment opportunities as well as the integration of digital assets** into existing business models and IT infrastructures. The unique combination of **blockchain know-how and expertise in the traditional financial sector** enables a consulting service specifically tailored to the needs of financial institutions.



Book a free initial consultation now

[Schedule a call](#)



Volker Braunberger CEO

+49 171 53 78 416

volker@intas.tech



Benjamin Schaub CDO

+49 172 34 77 234

benjamin.schaub@intas.tech