Success Story

Client Description

Banks and financial service providers seeking tokenization as a service

Highlights

- Smart Financial Contracts mean faster trading and settlement

- Fewer intermediaries lowers operating costs and increases liquidity

"Smart financial contracts are a major evolution of current tokenized offerings. Tokenization as a Service means that digital securities can be created in a verifiable and secure way without the need for intermediaries."

– Chairman of Board, ACTUS User Association, Dr. Willi Brammertz

About

Financial service providers have experimented with the tokenization of financial products and the coding of loan parameters into smart contracts, but without integrated machine readability no meaningful efficiencies can be achieved. Innovative financial organizations envisage a world in which digital securities and the underlying cash flows become machine readable, verifiable and executable.

Client Challenges

- Tracking of financial instrument data is difficult and costly
- Intermediaries can slow down trading and make it more expensive
- Potential solutions rarely offer interoperability with other systems
- Clients need solutions that lower their operating costs and increase asset liquidity

Nucleus Finance Solution

Tokenization as a Service (TaaS) from Nucleus Finance translates financial instrument data into ACTUS Smart Financial Contracts (SFC) on the Casper blockchain. As a native financial digital asset, the token is machine readable and the SFC automatically executable, for faster trading and settlement. Nucleus Finance ensures that the algorithmic logic is tied to the underlying digital assets, not merely to the token, which makes it possible to analyze, organize and automate information about any aspect of the financial instrument.

Outcomes and Benefits

- Nucleus Finance brings the ACTUS standard natively to the Casper blockchain and integrates on-chain and off-chain technologies to deliver the best user experience
- Secure and verifiable settlement of securities
- More efficient and higher data quality for digital securities
- Verifiable, real-time audits

Let's talk

Book a consultation with our team to discuss your business needs and potential solutions. Send a message to **Justus Schreiner** at justus@casperlabs.io.