Caelith

Source-available compliance infrastructure for tokenized assets.

Programmable transfer restrictions that work off-chain today and on-chain tomorrow.

THE PROBLEM

- Tokenization platforms need compliant transfer restrictions but can't justify building them in-house.
- Manual compliance review doesn't scale. Hardcoded smart contract logic can't adapt to regulation changes.
- No source-available, embeddable compliance engine exists for tokenized asset transfers.

THE SOLUTION

✓ **Deterministic rules engine** — 7 built-in rules + composable custom rules (AND/OR/NOT logic).

✓ **EU regulatory templates** — Pre-built configs for MiFID II, AIFMD, DLT Pilot Regime, MiCA.

✓ **Transfer simulation** — Validate transfers before execution with per-rule pass/fail explanations.

✓ **Immutable audit trail** — Every mutation, transfer, and rule change logged for compliance review.

✓ **API-first architecture** — RESTful API with interactive docs. Embeds into existing platforms in days.

> **WHY NOW** MiCA is fully enforceable across the EU (2025). The DLT Pilot Regime enables tokenized securities trading under regulatory supervision. Platforms need compliant transfer restriction systems now — not as a roadmap item, but as production infrastructure. The market is transitioning from experimental pilots to regulated operations in 2026.

WHY CAELITH

Source-Available	Off-Chain + On-Chain	EU-Native
Regulated entities inspect the compliance logic directly. Trust through transparency — not a black-box SaaS vendor.	Works as a REST API today. Export rules to ERC-1400 / ERC-3643 compatible smart contracts when ready.	Built for MiFID II, AIFMD, DLT Pilot, MiCA. German company, EU data centers, GDPR-ready from day one.

TRACTION

- Working prototype built in 9 days (solo founder + AI)
- 19+ API endpoints, 65 automated tests passing
- 7 built-in rules + composable custom rule engine
- 6 EU regulatory templates (MiFID II, AIFMD, DLT Pilot, MiCA)
- Full frontend, PDF export, webhooks, Swagger docs

MARKET OPPORTUNITY

~€14B	transfer agency services market (7% CAGR)
>€27B	tokenized RWA on-chain (Sept 2025)
€550B+	projected tokenized assets by 2030

No direct competitor:
Carta / Ledgy = cap tables, no rules engine
Securitize = full platform, not embeddable
Tokeny = blockchain-only, not off-chain

BUSINESS MODEL

SaaS subscription (API access + hosted rules engine) + enterprise licensing for on-premise deployment.
Source-available (BSL): code is inspectable, commercial use requires license. Converts to open-source after 3–4 years.

> **LOOKING FOR** 1) Pilot partners — EU tokenization platforms willing to test Caelith with real workflows (free, 3-month term)
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> 2) Pre-seed funding / grant (EXIST application in progress)   3) Advisors with EU securities regulation expertise

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