



Building the Web3 infrastructure for the Finternet
a new digital financial markets with integrated RWAs and cryptos
(a democratized, decentralized marketplace with privacy & full stack Web3 apps)

Ecosystem:

- * Tokenization, lifecycle and trading platforms for dealers, investors, corporates, custodians, FMIs, transfer agents, etc.
- * OTC platforms produce, aggregate, distribute, subscribe, consume and manage **RWAs**
- * Decentralized infrastructure with full stack solutions for all participants – unified liquidity and endless scalability

Benefits:

- * Raise, deploy, manage capital – rethink capital markets and Investment banking
- * Zero touch post-trade ops leading to massive automation: eliminate buy-side operations, full life-cycle services with automation for custodians –> leading to massive reduction in operations costs

otc*Digital - a brief history



FinTrack (TradFi D2C SaaS platform) --> (Web2)

- Single Dealer (1 to many) trading platforms (Equities to Derivatives)
- Clients: Merrill Lynch, Morgan Stanley, Macquarie Bank, MF Global. 200+ buy side clients
- Unique Strength: D2C, equities, fixed income, OTCD markets via industry standard protocols (FIX/FpML)

Swaps*Hub --> TradFi on Cloud (Web2 SaaS Cloud)

- OTC Derivatives Front/Middle office Buy side Platform
- Pre-trade to post cleared trade life cycle, margin, collateral cloud

otc*Digital
(Web3 - TradFi and DeFi)
Transform solutions to a decentralized and shared data, workflow, network and economy

2000

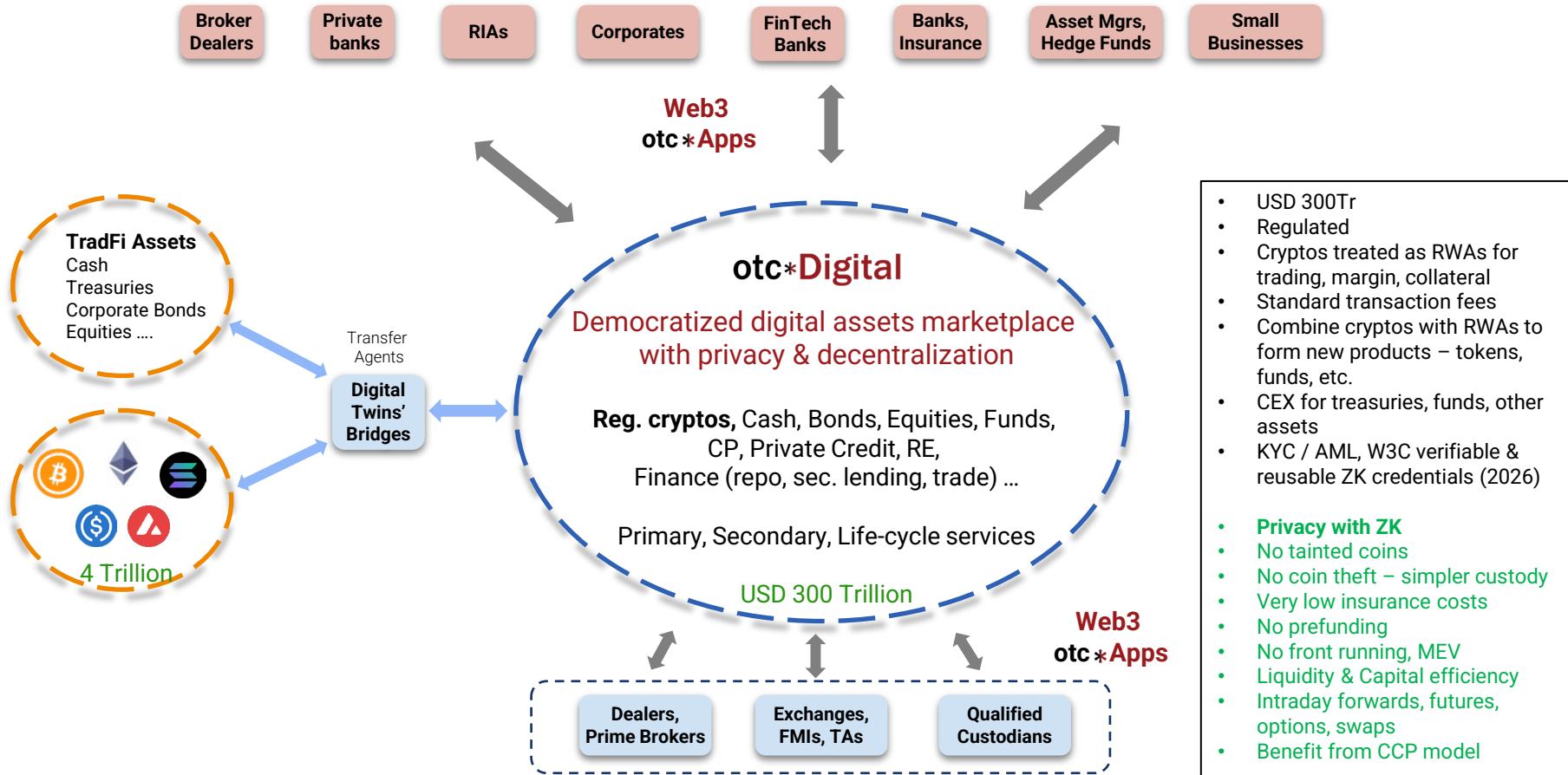
2005

2010

2015

2020

Building the new Digital Capital Markets - with integrated Cryptos and RWAs



- USD 300Tr
- Regulated
- Cryptos treated as RWAs for trading, margin, collateral
- Standard transaction fees
- Combine cryptos with RWAs to form new products – tokens, funds, etc.
- CEX for treasuries, funds, other assets
- KYC / AML, W3C verifiable & reusable ZK credentials (2026)
- **Privacy with ZK**
- **No tainted coins**
- **No coin theft – simpler custody**
- **Very low insurance costs**
- **No prefunding**
- **No front running, MEV**
- **Liquidity & Capital efficiency**
- **Intraday forwards, futures, options, swaps**
- **Benefit from CCP model**

Common Domain Model: why and how



Why

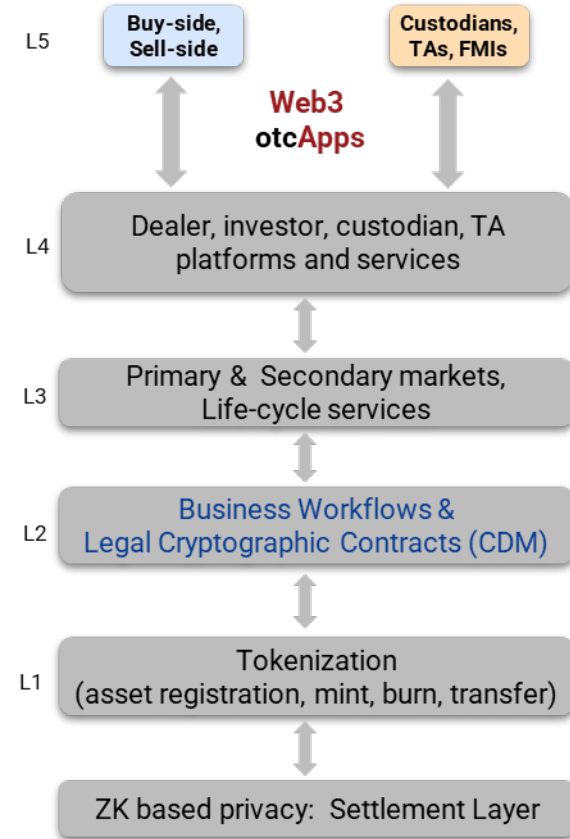
- The OTC platforms use CDM to execute contracts between parties without any intermediaries in the decentralized marketplace
- All CDM digital contracts are cryptographically signed by all parties
- These contracts will withstand legal challenges in courts
- Meet regulatory compliances like DRR

Products

- Digital assets: equities, bonds, treasuries, funds, cryptos, ...
- Life-cycle services in primary and secondary markets
- 2025: Repos, CSA, margin calls and collateral management

Technology

- Java, Kotlin
- CDM contracts in Layer 2 (L2) are shared with back offices and custodians and they use it to automatically settle digital assets on ledgers in Layer 1 (L1)



CDM Demo outline



1. Trading and Settlement of Digital Treasury Tokens

- Participants can trade and settle using CDM
- Unique voices for a dealer, investor and custodians
- Benefits: instant trade settlements significantly reduces dealer balance sheets
Do we still need centralized clearing for cash trades ?

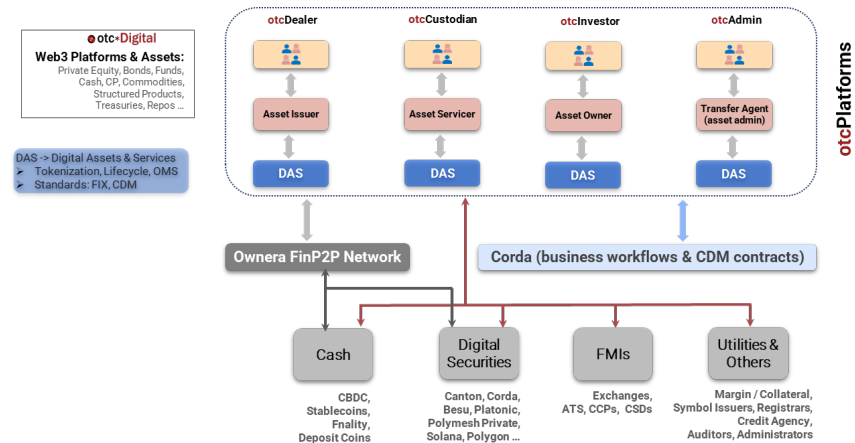
2. Primary market functions for Private Equity

- Tokenization and primary market distribution and execution using CDM
- Secondary market execution using RFQ and CDM

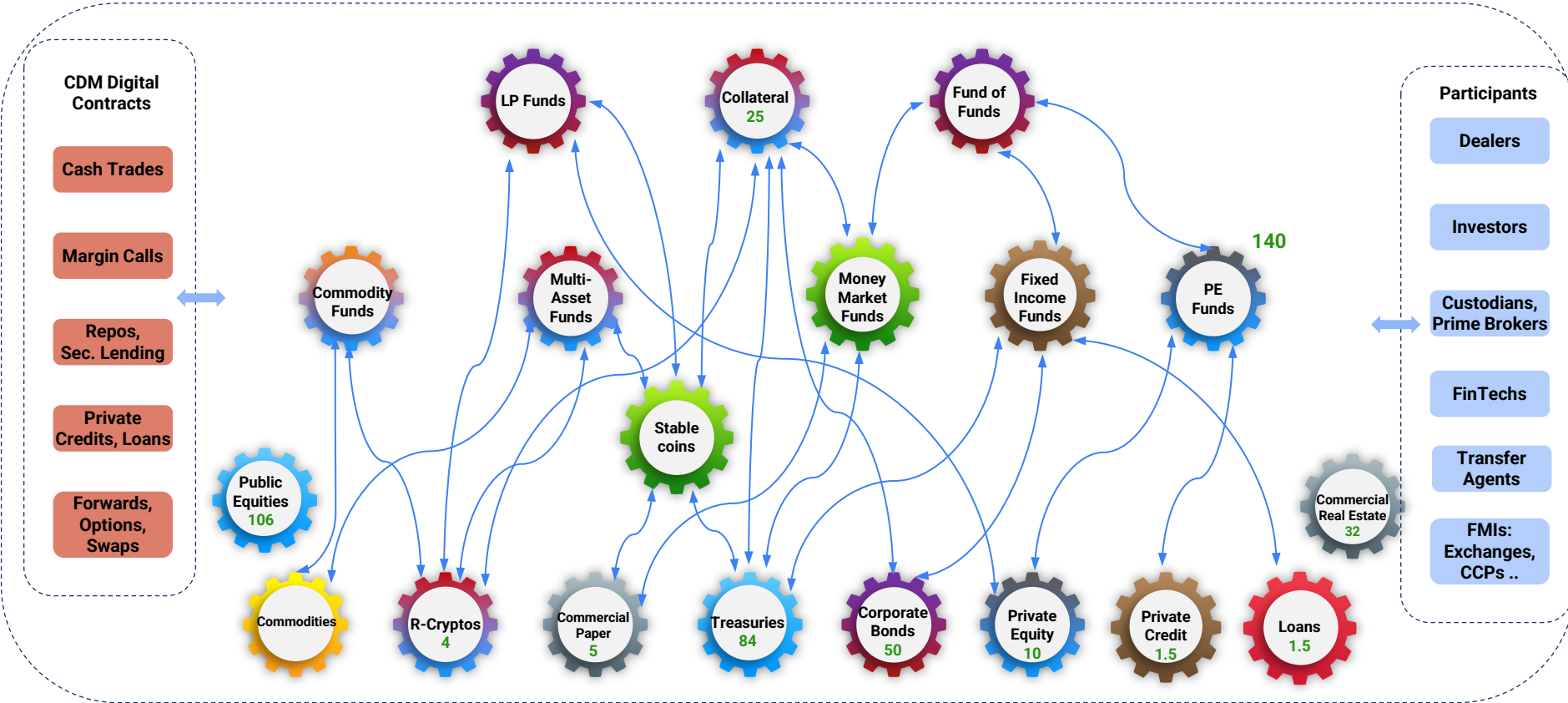
3. Interoperability

- Showcase interoperability using Ownera and FIX-FinP2P protocol with multiple ledgers – Besu, Corda, Canton, Polymesh, Platonic, etc.
- Executed trades are represented in CDM for post-trade processing

Interoperability: aggregate digital assets from multiple ledgers, trade and manage life cycle



otcDigital has unlocked the RWA ecosystem



(market size in USD trillions)

otcDigital CDM Demo Part 1

