ARCHITETTURA TECNICA OBJCHAIN BLM

CLIENT LAYER

- Desktop (PyQt5)
- Mobile (Flutter)
- Web (HTML/JS)

API GATEWAY

FastAPI (Uvicorn ASGI Server)

- REST (145+)
- GraphQL Schema
- WebSocket Real-time

BUSINESS LOGIC LAYER

DeFi Engine

- BLM Token
- DEX/AMM
- NFT Mkt
- Staking
- KYC/AML

License Manager

- Creazione
- Validazione
- Rinnovo
- Revoca
- Verifica

Enterprise Wallet

- Identità
- Permessi
- Firma dig.
- Audit log
- Biometrica

BLOCKCHAIN LAYER

- Ethereum
- Polygon
- Arbitrum
- Optimism
- BSC
- Avalanche
- Solana
- Algorand
- Base

ObjChain L2 (Proprietario)

Optimistic Rollup + MySQL Backend

DATA LAYER

- MySQL 8.0+
- SQLite (cache)
- Redis (L2 cache)

EXTERNAL SERVICES

- Chainlink Oracles
- IPFS Storage
- Infura/Alchemy RPC