

# VerifiedX (VFX)

The Financial Operating System for **Bitcoin** and the **Agentic Economy**

Self-Custodial  
Infrastructure

Native Bitcoin Utility  
(vBTC)

Payments, DeFi & Tokenized  
Intelligence

# The Problem

Crypto has not reached mainstream or institutional scale

## MARKET REALITY

- Bitcoin = \$1T+ asset with limited utility (mostly passive store of value)
- Total DeFi TVL (2026) = \$90 - \$140B
- Only \$2-6B is BTC DeFi which is synthetic
- Self-custody is complex, risky, and non-recoverable
- DeFi is fragmented, opaque, and often synthetic
- Stablecoins lack everyday payment UX + onboarding

## INSTITUTIONAL BARRIERS

- Custody vs control trade-offs
- Regulatory & counterparty risks
- Can only access synthetic BTC DeFi products
- Lack of scalable, compliant infrastructure

Result: Adoption bottleneck

# The Opportunity

Turn **Bitcoin** into a productive, programmable financial layer

**Unlock a trillion+ in dormant BTC**

**ENABLE**

**Payments**

Real-world crypto usability

**Lending / Borrowing**

Non-synthetic BTC DeFi

**Yield Generation**

Productive Bitcoin capital

**Tokenized Assets**

On-chain ownership



Deliver institutional-grade rails  
with retail simplicity

## What is VerifiedX

A Universal Layer 1 + Bitcoin-native financial system

Open-source decentralized blockchain functioning as a Layer 1 and Bitcoin native relayer chain.

### PURPOSE-BUILT FOR

- Self-custody
- Tokenized commerce
- Payments
- Non-synthetic DeFi
- Privacy Layer
- On-chain asset management

### Key Differentiator

**Bitcoin + Programmability +  
Self-Custody**

Without compromise

## Core Innovation: vBTC

Verified Bitcoin (vBTC)

### PROPERTIES

- 1:1 pegged to BTC (non-synthetic)
- Fully self-custodial
- Redemption liquidity anytime for underlying BTC
- Native on-chain functionality (not wrapped ERC-20)

### ENABLES

Spend

Borrow / Lend

Vault

Trade

Privacy

Collateral



Turns Bitcoin from a passive asset into a productive asset without wrapping, bridging, federating, or IOUs

## vBTC Comparison Chart

The only non-synthetic, self-custodial, consensus-native Bitcoin for institutional DeFi

Why vBTC Wins:

No Bridges

No Custodians

Native Programmability

Institutional Rails

FEATURE / ASSET	vBTC	wBTC	cbBTC	tBTC	Liquid L-BTC	Stacks sBTC	Babylon BTC	Lombard BTC	Starknet BTC
Trust-Minimized 1:1 Native BTC Backing	✓	✗	✗	⚠	✗	⚠	⚠	✗	✗
Does Not Require Trusted Custodian / Federation	✓	✓	✓	⚠	✓	⚠	⚠	✓	✓
Non-Synthetic Design	✓	✗	✗	⚠	⚠	⚠	⚠	✗	✗
Self-Custodial Model	✓	✗	✗	⚠	✗	⚠	⚠	✗	✗
No Central Issuer / Custodian	✓	✗	✗	⚠	✗	⚠	⚠	✗	✗
MPC / Threshold Cryptography	✓	✗	✗	✓	✗	✗	⚠	⚠	✗
Native to Base Layer	✓	✗	✗	✗	✗	✗	✗	✗	✗
Embedded in Consensus	✓	✗	✗	✗	✗	✗	✗	✗	✗
Direct BTC Redemption	✓	⚠	⚠	⚠	⚠	✗	⚠	✗	✗
Institutional DeFi Compatibility	✓	✓	✓	⚠	⚠	⚠	⚠	⚠	⚠
No Bridge Risk Exposure	✓	✗	✗	✗	✗	✗	✗	✗	✗
Native Programmability (No External Layer)	✓	✗	✗	⚠	✗	✗	✗	✗	✗
Privacy Layer Compatible	✓	✗	✗	✗	✗	✗	✗	✗	⚠
No Rehypothecation Risk	✓	✗	✗	⚠	⚠	⚠	⚠	✗	✗
Production-Ready Institutional Rails	✓	✓	✓	⚠	⚠	✗	✗	⚠	✗

● Strong / Native
 ● Conditional / Tradeoffs
 ● Not Supported / Higher Risk

## Core Architecture & Product Stack

Built for performance, security, and usability

### PERFORMANCE

**~30K TPS**

Scales with validators

**~10 sec**

Block time

- Proof of Assurance consensus (no staking lockups)
- Fully deflationary (all fees burned)

### DESIGN PRINCIPLES

- No reliance on third-party custody
- Native asset control
- High throughput + low cost

### PRODUCT STACK

#### SwitchBlade Wallet

Self-custodial wallet (BTC + VFX) with fiat on/off ramps and one-click UX

#### Vault Accounts

Cold storage in a hot wallet — time-locks, recovery, escrow, callbacks

#### vBTC

Programmable Bitcoin layer

#### Butterfly

Social payments (Venmo-like UX) with one-click earn on balances

## Payments Layer: Butterfly

Crypto to real-world usability

### SEND VIA

Text

Email

Social Handles

### SUPPORTS

- BTC / vBTC / USDC / USDT
- Instant settlement
- Self-custodial



Converts crypto to everyday payments

## Institutional Infrastructure

Built for institutional onboarding

- Institutional custody via **Crypto.com** (others activating)
- OTC liquidity support
- Governance workflows + permissions
- Regulatory-aligned infrastructure via **Merkle Science** integration and security monitoring (VFX & vBTC)
- Full stack tier 1 audits via **Halborn**

### Combines

Self-custody rails  
with built-in compliance

+

Regulated custody layer  
(optional)

## What Problems **It Solves**

**1**

### **Custody Risk**

Eliminates reliance on centralized custodians — users hold their own keys at all times

**2**

### **Bitcoin Inefficiency**

Turns idle BTC into native productive capital through DeFi, lending, and payments

**3**

### **UX Complexity**

Simplifies onboarding to a “web2-like” login experience for mainstream users

**4**

### **Fragmentation**

Unifies payments, DeFi, wallet, and assets into one cohesive ecosystem

## Tokenized Economy

Beyond crypto — real-world assets

### TOKENIZED

- Assets
- Data
- Commerce
- Peer-to-peer marketplaces
- On-chain ownership verification

Enables tokenized commerce at scale

### AGENTIC ECONOMY — THE FORWARD VISION

Tokenized intelligence + automation

- AI agents performing trading, arbitrage, market strategies
- On-chain identity + ownership
- Tokenized vaults with governance and automated flows
- Monetizable intelligence

New asset class: tokenized intelligence and agents

## Security, Recovery & Scalability

### SECURITY & RECOVERY MODEL

First-principles rethink of crypto safety

- Vault recovery mechanisms
- Transaction recourse features
- No hardware dependency
- Fully on-chain logic

#### Solves

Lost keys, irreversible mistakes, and the user fear barrier

### SCALABILITY

Designed for global usage

- High throughput L1
- Low-cost transactions
- Modular integrations (wallet, payments, DeFi)
- Developer-friendly tooling

#### Built For

Retail scale, institutional scale, global payments and commerce

# Tokenomics (VFX)

## DEFLATIONARY SYSTEM

- Fixed supply (no inflation)
- All fees burned — completely deflationary asset ecosystem
- Utility across entire ecosystem with decentralized governance

### Aligns

Network Growth + Token Scarcity

## THE FLYWHEEL

- 1 Users onboard (simple UX)
- 2 Assets deposited (BTC → vBTC)
- 3 Activity increases (payments, DeFi, commerce)
- 4 Developers build apps
- 5 Liquidity deepens
- 6 Institutions deploy capital
- 7 More utility → more users

Self-reinforcing ecosystem growth

## Why Now?

- Bitcoin needs utility beyond storage
- Stablecoins demand real-world usage
- Institutions need compliant + scalable rails + non-synthetic assets
- UX barriers are the final unlock

VerifiedX sits at the intersection

### COMPETITIVE POSITIONING

Compared to alternatives:



Not synthetic BTC



Not custodial wrapper



Not smart-contract dependency

### INSTEAD



Native Bitcoin



Self-custody by default



Full-stack ecosystem

## A Unified Vision

**VerifiedX = Financial OS**

**Payments**

**Savings**

**Lending**

**Commerce**

**Intelligence**

**All on one self-custodial network**

### THE SHIFT

From holding Bitcoin

→ **To using Bitcoin**

From platforms controlling users

→ **To users controlling assets**

VerifiedX enables both.