BLOTIX

A Protocol for Real World Asset (RWA) Tokenization

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Whitepaper

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BLOTIX



TECHNICAL DESCRIPTION

Blotix is a blockchain-based protocol designed to enable on-chain interaction with real-world assets through smart contracts and NFT-based licenses of use. The protocol separates asset ownership from asset utilization, allowing real-world value to participate in decentralized systems without transferring legal custody.

STACK / NETWORK

Built on Ethereum

Whitepaper

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DISCLAIMER

This document is provided for informational purposes only and does not constitute financial advice, investment advice, or an offer or solicitation to purchase any asset or security.

BLOTIX is a utility token intended to enable interaction with the Blotix protocol. The token does not represent ownership, equity, or rights to profits, dividends, or revenue.

Participation in blockchain-based systems involves inherent risks, including but not limited to smart contract vulnerabilities, protocol-level failures, regulatory uncertainty, and market volatility.

Nothing in this document should be interpreted as a guarantee of performance, value appreciation, or future results. Users are responsible for conducting their own technical and legal due diligence prior to interacting with the protocol.

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INTRODUCTION

Blotix is a decentralized protocol designed to facilitate the on-chain representation and controlled utilization of Real World Assets (RWAs). The protocol introduces a framework that enables real-world value to interact with decentralized systems while maintaining separation between asset ownership and asset usage.

By leveraging smart contracts and NFT-based licenses of use, Blotix defines programmable rules for how assets may participate in blockchain-based environments. This approach allows assets to be referenced, licensed, and interacted with on-chain without requiring custodial transfer or modification of legal ownership structures.

Blotix is deployed on the Ethereum blockchain and utilizes its security, transparency, and composability as a settlement and execution layer for protocol operations.

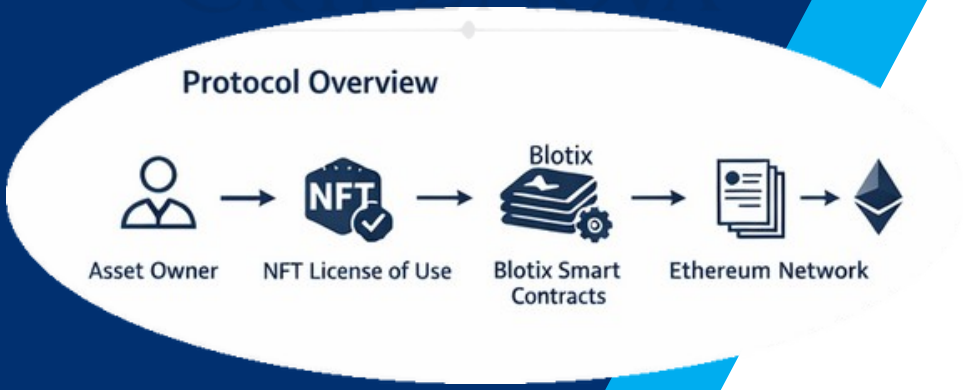


Figure 1 — Blotix Protocol Overview

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PROBLEM STATEMENT

Current approaches to Real World Asset (RWA) tokenization often rely on centralized custodians, opaque governance models, or fragmented technical standards. These limitations introduce counterparty risk, reduce transparency, and hinder integration with decentralized finance systems.

Many existing solutions fail to clearly define asset usage rights at the protocol level. As a result, ownership, access, and economic participation are frequently conflated, leading to ambiguity in how assets may be utilized on-chain.

Additionally, liquidity mechanisms commonly associated with asset tokenization tend to prioritize speculative behavior over structured, rule-based interaction, limiting long-term sustainability and interoperability.

These challenges highlight the need for a protocol-native framework that enables transparent, programmable, and verifiable interaction with real-world assets while preserving ownership integrity.

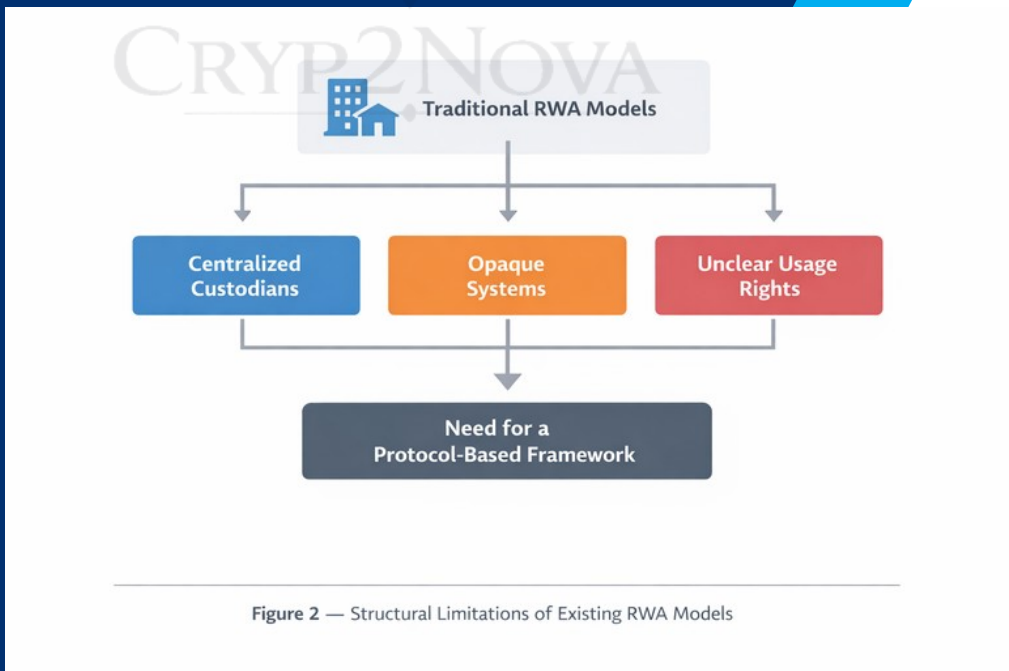


Figure 2 — Structural Limitations of Existing RWA Models

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SOLUTION OVERVIEW

Blotix introduces a protocol-based framework designed to address the structural limitations of existing Real World Asset (RWA) models. The protocol establishes a clear separation between asset ownership and asset utilization, enabling programmable interaction with real-world value through on-chain mechanisms.

At the core of the system is the concept of NFT-based Licenses of Use. These licenses define the conditions under which an asset may be utilized within the protocol, while ownership remains external to the blockchain environment.

By encoding usage rules directly into smart contracts, Blotix enables transparent, verifiable, and non-custodial interaction with RWAs. This approach allows assets to participate in decentralized systems without requiring custodial transfer or modification of legal ownership structures.

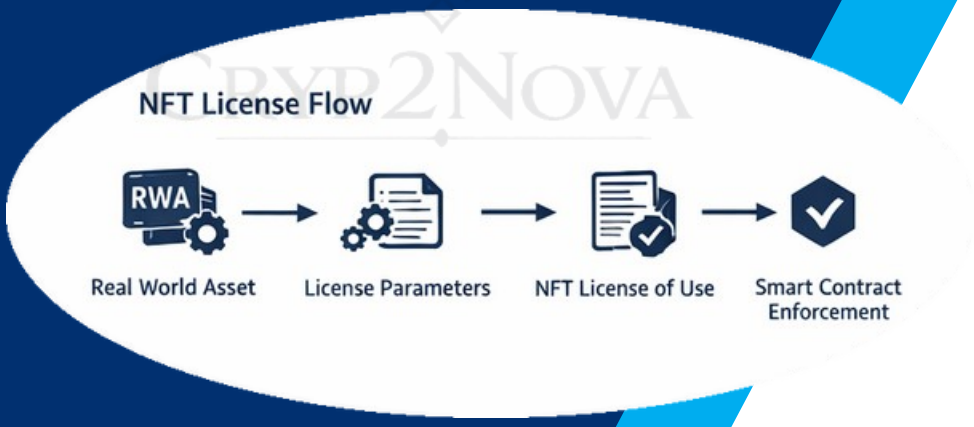


Figure 3 — NFT-Based License of Use Model

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PROTOCOL ARCHITECTURE

The Blotix protocol is composed of a modular smart contract architecture designed to ensure transparency, flexibility, and on-chain verifiability. Each module is responsible for a specific function within the protocol, allowing clear separation of concerns and facilitating future upgrades.

Core components of the protocol include asset interaction logic, NFT license management, staking mechanisms, token burn functions, and governance interfaces. These components operate independently while remaining interoperable through predefined smart contract interfaces.

All protocol interactions are executed on-chain, enabling auditable transaction histories and deterministic behavior enforced by smart contract logic. This architecture allows Blotix to function as a non-custodial system where rules are enforced programmatically rather than through centralized intermediaries.



Figure 4 — Blotix Protocol Architecture

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SMART CONTRACTS & ON-CHAIN LOGIC

The Blotix protocol is implemented through a set of smart contracts deployed on the Ethereum blockchain. These contracts define the rules governing asset interaction, NFT license issuance, token usage, and protocol-level operations.

All core contracts are publicly verifiable on-chain, enabling independent review of the protocol’s logic and behavior. Smart contracts enforce deterministic execution of protocol rules, ensuring that interactions occur according to predefined conditions without reliance on centralized control.

By utilizing Ethereum as the execution layer, Blotix benefits from network security, decentralization, and composability with other on-chain systems. This design allows the protocol to integrate with external tools, analytics platforms, and decentralized infrastructure while maintaining transparent execution.

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TOKEN OVERVIEW

The BLOTIX token is a utility token designed to facilitate interaction within the Blotix protocol. Its primary function is to enable access to protocol features, participate in defined mechanisms, and support on-chain operations.

The token does not represent ownership, equity, or rights to profits, dividends, or revenue. Instead, it serves as a functional component required for specific protocol-level interactions.

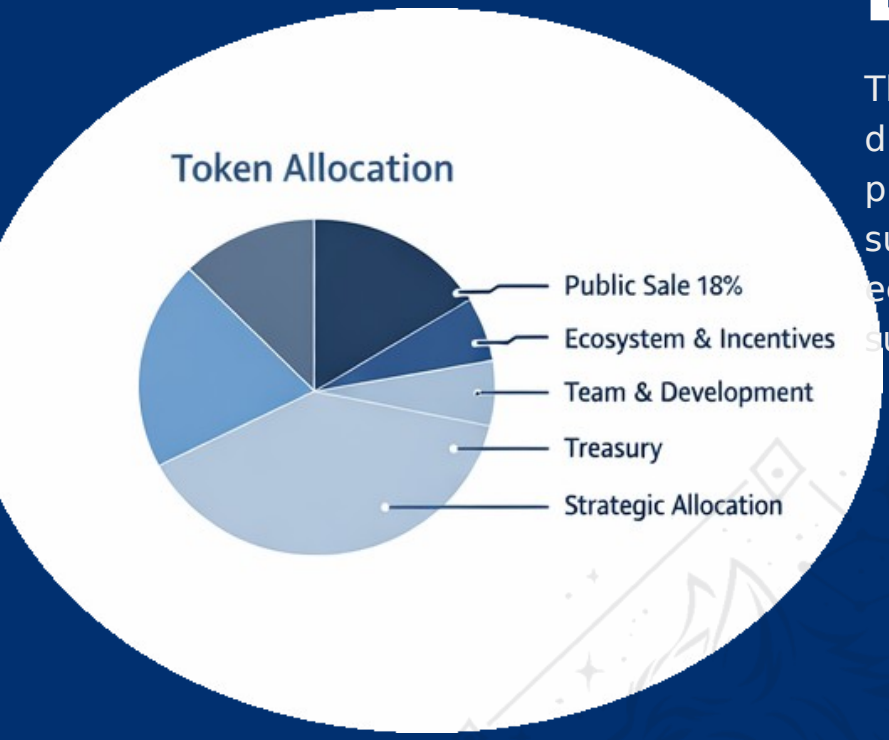
BLOTIX is deployed as an ERC-20 token on the Ethereum blockchain, enabling compatibility with standard wallets, decentralized applications, and on-chain infrastructure.

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TOKEN DISTRIBUTION

The total supply of BLOTIX tokens is distributed according to predefined allocations intended to support protocol development, ecosystem growth, and long-term sustainability.



Token distribution is designed to ensure transparent allocation across protocol functions while avoiding concentration risks. Allocations are defined at the protocol level and are publicly verifiable on-chain.

No allocation grants ownership rights, profit participation, or governance control beyond the specific utility functions defined within the protocol.

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TOKEN UTILITY & PROTOCOL FUNCTIONS

Within the Blotix protocol, the BLOTIX token functions as an operational component required for interaction with defined protocol mechanisms. Token usage is limited to functional purposes and does not imply ownership or financial claims.

The token may be required to access specific protocol features, participate in staking-related mechanisms, and enable interactions governed by smart contract logic. All token interactions are executed on-chain and follow deterministic rules enforced by the protocol.

By restricting token usage to defined operational roles, Blotix maintains a clear separation between utility and speculative behavior, reinforcing the protocol’s technical orientation.

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STAKING MECHANISM

The Blotix protocol incorporates a staking mechanism designed to support protocol operations and align participant interaction with predefined system rules. Staking within the protocol is implemented as an on-chain mechanism governed entirely by smart contract logic.

Participants may lock BLOTIX tokens within staking contracts to enable specific protocol functions. Staked tokens are subject to conditions defined at the contract level, including lock-up rules, interaction constraints, and protocol-defined outcomes.

The staking mechanism is not designed as an investment product and does not guarantee returns, rewards, or value appreciation. All staking behavior is transparent, verifiable on-chain, and executed according to deterministic smart contract rules.

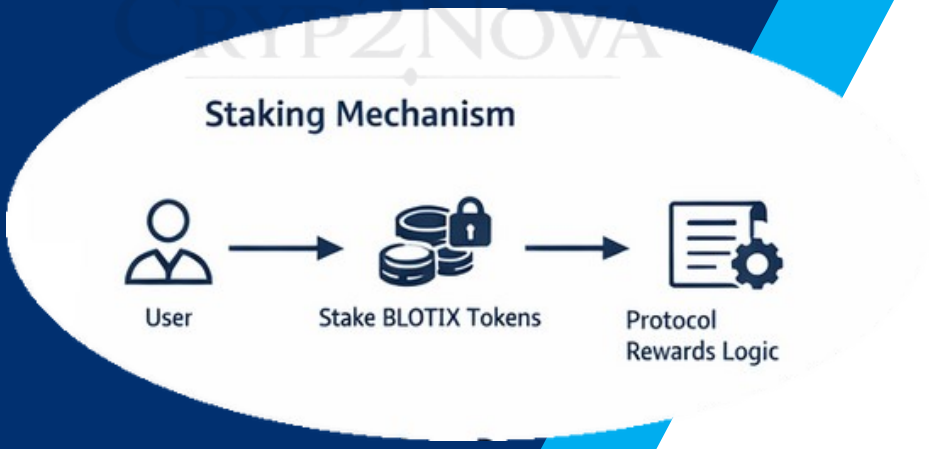


Figure 6 — Staking Flow Within the Blotix Protocol

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TOKEN BURN MECHANISM

The Blotix protocol includes a token burn mechanism designed to permanently remove a portion of BLOTIX tokens from circulation under predefined conditions. Token burns are executed on-chain through smart contracts and are fully transparent and verifiable via public transaction records.

The burn mechanism operates according to protocol-defined rules and does not imply value appreciation or economic guarantees. Its purpose is to support protocol-level balance and long-term operational design rather than serve as an incentive mechanism.

All burn events are recorded on the Ethereum blockchain and may be independently audited using publicly available tools.

A token burn event was executed as part of the protocol's supply management mechanism. The burn transaction permanently removed a defined amount of BLOTIX tokens from circulation by sending them to an irrecoverable address.

All burn events are publicly verifiable on-chain and do not rely on off-chain reporting or discretionary execution.

Burn Event Reference

- Ethereum Transaction Hash:
- https://etherscan.io/tx/0x06f8504014b965590c7ec9e27c1a3d9fedd1ddc4e2926e2228878597261e4e35



Figure 7 - Token Burn Execution Flow

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GOVERNANCE FRAMEWORK

The Blotix protocol is designed with a governance framework intended to support protocol evolution and parameter adjustments over time. Governance mechanisms are implemented on-chain and may involve predefined roles, proposal processes, and execution rules.

Governance within the protocol does not confer ownership rights or profit participation. Its purpose is to enable structured decision-making related to protocol configuration, upgrades, and operational parameters.

All governance actions are subject to smart contract enforcement and are transparent and verifiable on-chain.

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SECURITY CONSIDERATIONS

Security is a fundamental aspect of the Blotix protocol design. All core functionalities are implemented through smart contracts that enforce deterministic behavior and minimize reliance on off-chain trust assumptions.

The protocol architecture emphasizes transparency and auditability by ensuring that critical logic is executed on-chain and can be independently reviewed. While smart contracts are designed to reduce risk, no blockchain-based system can be considered entirely risk-free.

Potential risks include smart contract vulnerabilities, network-level issues, and external dependencies. Users are encouraged to assess these risks independently before interacting with the protocol.

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REGULATORY & LEGAL CONSIDERATIONS

Blotix is designed as a decentralized protocol providing technical infrastructure for on-chain interaction with real-world assets. The protocol itself does not provide legal, financial, or investment services.

Regulatory treatment of blockchain-based systems and digital tokens varies across jurisdictions and may evolve over time. Participants are responsible for understanding and complying with applicable laws and regulations relevant to their use of the protocol.

Nothing in this document should be interpreted as legal advice. Users are encouraged to consult qualified legal professionals before engaging in activities involving digital assets or blockchain-based systems.

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USE CASES & APPLICATIONS

The Blotix protocol is designed to support a variety of use cases involving Real World Assets through controlled on-chain interaction. By utilizing NFT-based licenses of use, the protocol enables assets to participate in decentralized systems without transferring ownership or custody.

Potential applications include the representation of asset usage rights, integration of RWAs into decentralized liquidity mechanisms, and structured interaction with off-chain value sources. These use cases are implemented through protocol-defined rules and enforced by smart contract logic.

Blotix does not prescribe specific business models or outcomes. Instead, it provides a technical framework that may be adapted to different asset classes and operational contexts.

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ROADMAP

The Blotix roadmap defines a phased development approach for the deployment and evolution of the protocol. Each phase outlines technical and operational milestones related to infrastructure, protocol functionality, and ecosystem readiness.

Roadmap phases are indicative and subject to change based on technical, operational, and regulatory considerations.

PHASE 1 FOUNDATION AND INITIAL DEPLOYMENT (Q4 2025)

This phase focuses on establishing the protocol's core infrastructure and initiating on-chain operations.

Key milestones include the Token Generation Event (TGE), initial token distribution according to predefined allocations, deployment of core smart contracts, completion of third-party security audits, and the initial market availability of the token through decentralized trading venues.

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PHASE 2
ADOPTION AND PROTOCOL STABILIZATION (H1 2026)

The second phase emphasizes protocol stabilization, visibility, and activation of core functional components.

Milestones include the expansion of protocol visibility through data aggregators, execution of structured communication initiatives, activation of staking-related protocol mechanisms, establishment of initial governance structures, and the introduction of beta-stage NFT-based license tokenization.

PHASE 3
DECENTRALIZATION AND EXPANSION (H2 2026)

This phase introduces expanded protocol functionality and increased decentralization.

Planned milestones include the commercial activation of NFT-based license tokenization, extension of protocol availability through additional network integrations, and further development of governance consensus mechanisms.

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PHASE 4
COMMUNITY AUTONOMY (2027 AND BEYOND)

The long-term phase focuses on protocol autonomy and ecosystem maturation.

Objectives include the transition toward decentralized governance structures, development of protocol interfaces and marketplaces, establishment of community-managed resources, and continued collaboration toward standardized approaches for RWA interaction.

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TEAM & CONTRIBUTORS

The Blotix protocol is developed and maintained by a multidisciplinary team with experience in blockchain engineering, protocol design, and real-world asset integration.

Contributors to the protocol may include developers, auditors, advisors, and external partners who support infrastructure development, security assessment, and ecosystem growth. Team composition and contributor roles may evolve over time as the protocol matures.

The protocol is designed to operate independently of individual contributors through on-chain logic and transparent execution.

Core Contributors

- Massimo Fustinoni — Protocol Lead / Strategic Coordinator
  - Role: Strategic Coordination and Ecosystem Development for asset acquisition and global marketing strategies.
  - LinkedIn Profile https://www.linkedin.com/in/maxfortunapruduction/

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- Massimo Sbordi — Strategic Development Manager (Blotix Fund LLC)
  - Role: Responsible for high-level strategic expansion and management of the Blotix Fund Strategic Development Entity.
  - LinkedIn Profile https://www.linkedin.com/in/massimo-sbordi-ab39747/
- Gastón Temperini — Lead Developer
  - Role: Core software engineering and blockchain protocol development.
  - LinkedIn Profile https://www.linkedin.com/in/gast%C3%B3n-temperini-713361

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TRANSPARENCY & ON-CHAIN VERIFICATION

Blotix emphasizes transparency through on-chain execution and publicly verifiable smart contracts. All core protocol interactions, including token issuance, staking operations, and burn events, are recorded on the Ethereum blockchain.

Public blockchain explorers may be used to independently verify contract code, transaction history, and protocol behavior. This transparency enables external review and auditability without reliance on centralized disclosures.

Primary Smart Contract

- Network: Ethereum Mainnet
- Token Standard: ERC-20
- Contract Address:
- 0xbdb37597c7e84d898a5536fbb6e4a5c2bcac640b
- Verified on Etherscan:
- https://etherscan.io/token/0xbdb37597c7e84d898a5536fbb6e4a5c2bcac640b

Token distribution and holder information for BLOTIX are publicly verifiable on the Ethereum blockchain.

The token contract allows any third party to independently inspect holder addresses, balances, transaction history, and distribution patterns through public blockchain explorers. No off-chain reporting is required to validate token circulation or ownership structure.

All token holder data is dynamic and updated in real time based on on-chain activity

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Official Web Resources

Blotix maintains separate web interfaces for informational and user-facing protocol interaction purposes.

• https://blotix.io
Provides general, non-interactive informational content related to the protocol, documentation, and public communications.

• https://blotix.org
Provides user-facing interfaces for interacting with protocol features and on-chain functionality.

LIMITATIONS & RISKS

While the Blotix protocol is designed to enable transparent and programmable interaction with real-world assets, it is subject to inherent limitations and risks associated with blockchain-based systems.

Potential risks include, but are not limited to, smart contract vulnerabilities, network congestion, protocol-level failures, regulatory changes, and dependencies on external data or integrations. The protocol may also face adoption challenges and evolving technical constraints.

Users are responsible for evaluating these risks independently and determining the suitability of interacting with the protocol based on their own technical and legal considerations.

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CONCLUSION & REFERENCES

Blotix presents a protocol-oriented approach to Real World Asset interaction by introducing NFT-based licenses of use and on-chain enforcement mechanisms. By separating asset ownership from asset utilization, the protocol enables structured and transparent participation of real-world value within decentralized systems.

The protocol is designed to operate as a technical framework rather than a financial product, emphasizing transparency, auditability, and deterministic execution. Future development will continue to focus on protocol robustness, interoperability, and decentralized governance.

REFERENCES

Ethereum Blockchain
Etherscan — Smart Contract Verification
Blotix Official Documentation
Public On-Chain Transaction Records

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