



QNTX Token White Paper





Table of Contents

| | |
|--|----|
| 1. Introduction | 1 |
| 1.1 Project Background | 1 |
| 1.2 Overview of the Quantum Network System | 1 |
| 1.3 Purpose of the White Paper | 2 |
| 2. Overview of the QNTX Quantum Network System | 3 |
| 2.1 Technical Architecture | 3 |
| 2.2 Security and Privacy Protection | 4 |
| 2.3 Application Scenarios | 4 |
| 3. Role and Function of the QNTX Token | 5 |
| 3.1 Overview of QNTX Token | 5 |
| 3.2 Token Applications in the Quantum Network | 6 |
| 3.3 Core Functions of the QNTX Token | 6 |
| 4. Token Economics | 7 |
| 4.1 Token Supply and Distribution | 7 |
| 4.2 Incentive Mechanism | 8 |
| 4.3 QNTX Ecosystem and Value Growth | 9 |
| 5. Technical Architecture | 9 |
| 5.1 Distributed Quantum Computing Architecture | 9 |
| 5.2 Smart Contracts and Automated Execution | 10 |
| 5.3 Cross-Chain Communication Support | 10 |
| 6. Market Analysis | 11 |
| 6.1 Quantum Network Market Overview | 11 |
| 6.2 Competitive Analysis | 12 |
| 6.3 Potential User Base | 12 |
| 7. Development Roadmap | 13 |
| 7.1 Short-Term Goals | 13 |
| 7.2 Mid-Term Goals | 13 |



| | |
|--|----|
| 7.3 Long-Term Vision | 14 |
| 8. Team Overview | 14 |
| 8.1 Core Team | 14 |
| 8.2 Strategic Partnerships | 15 |
| 9. Risk Disclosure and Disclaimer | 16 |
| 9.1 Risk Disclosure | 16 |
| 9.2 Legal & Compliance Statement | 17 |
| 9.3 Regulatory Uncertainty Statement | 17 |
| 9.4 Forward-Looking Statements | 17 |
| 9.5 Disclaimer | 18 |



1. Introduction

1.1 Project Background

With the advancement of information technology and the internet, humanity has entered an era of information explosion. However, this rapid development has also brought multiple challenges in data security, privacy protection, and communication efficiency. Despite continuous optimization and upgrades, traditional network communication systems increasingly reveal the limitations of their reliance on classical cryptographic techniques. Particularly when confronting the potential threat of quantum computing, conventional encryption methods may soon be compromised. As the potential of quantum computing becomes increasingly apparent, the surging demand for data security places unprecedented pressure on communication systems.

The emergence of quantum networking technology offers revolutionary solutions to these challenges. Quantum networks leverage the principles of quantum mechanics, utilizing quantum bits (qubits) to transmit information, thereby ensuring its eavesdropping-proof and tamper-proof nature. Through technologies like quantum entanglement and quantum key distribution, quantum networks enable highly secure communications, offering a novel communication approach for sectors requiring extreme security, such as governments, financial institutions, and healthcare organizations. The QuantumNet (QNTX) quantum network system emerged precisely in this context, dedicated to revolutionizing communication security and efficiency through quantum network technology, pioneering a secure and reliable next-generation network communication model.

1.2 Overview of the Quantum Network System

The QuantumNet (QNTX) quantum network system is a communication network based on quantum mechanics principles, delivering ultra-high security and transmission efficiency to users. By employing technologies like Quantum Key Distribution (QKD) and quantum entanglement, the system ensures information security in network communications. The design objective of the QNTX quantum network system is to optimize quantum communication technology, delivering unbreakable encrypted communication experiences while providing fast, real-time information transmission services.

The QNTX Quantum Network System possesses the following core characteristics:



High Security: Leveraging quantum mechanics' non-clonability and measurement non-intrusiveness principles, it prevents eavesdropping or tampering during data transmission.

High-Speed Real-Time Transmission: Leveraging quantum superposition and entanglement, QNTX enables ultra-efficient information delivery to meet modern society's demand for instant communication.

Multi-scenario applicability: The QNTX architecture supports diverse high-security applications, including sensitive financial data transmission, confidential medical information management, and military communications.

Through these innovative features, the QNTX quantum network system emerges as a critical component in the advancement of next-generation information technology, offering unique value in safeguarding information security and driving the widespread adoption of quantum communication.

1.3 Purpose of the White Paper

The primary purpose of this white paper is to clearly present the overall design of the QNTX quantum network system and its token support mechanism to readers. Within this system, the QNTX token serves not only as a payment method but also as an incentive tool, encouraging users to actively participate in network development and share network resources. Through token incentives, the QNTX quantum network system can further enhance its ecosystem stability and user activity, achieving true self-sustainability and growth.





2. Overview of the QNTX Quantum Network System

2.1 Technical Architecture

The architectural design of the QNTX quantum network system is engineered to fully leverage the unique properties of quantum communication, achieving enhanced security and communication efficiency. Based on a combination of quantum key distribution (QKD), quantum entanglement communication, and a distributed network architecture, the system provides users with secure communication capabilities that surpass traditional encryption systems.

Quantum Key Distribution (QKD): As a core technology of quantum networks, QKD ensures secure key transmission through the non-clonable property of quantum states. Any eavesdropping on key transmission is immediately detected. The QNTX system encrypts information using keys generated by QKD, making data transmission more secure—particularly suited for high-security scenarios such as financial institutions, government agencies, and defense departments.

Quantum Entanglement Communication: Leveraging the unique properties of quantum entanglement, the QNTX system enables data synchronization and encrypted transmission over long distances. Quantum entanglement renders the system's communication links theoretically immune to eavesdropping or tampering, as any attempt to interfere with the communication would destroy the entangled state, immediately exposing the eavesdropping activity.

Distributed Network Architecture: To enhance transmission speed and network fault tolerance, the QNTX system employs a distributed architecture with multiple quantum nodes deployed globally. This architecture ensures rapid and secure information transfer through node synchronization and real-time quantum information distribution, eliminating single points of failure.

Intelligent Routing and Protocol Optimization: The QNTX system integrates optimized routing protocols that dynamically select optimal paths based on quantum network conditions, enhancing transmission efficiency. Combined with quantum key management and real-time monitoring capabilities, the QNTX system delivers a seamless, stable, and highly secure network experience for users.



2.2 Security and Privacy Protection

The security of the QNTX quantum network system relies not only on the inherent anti-eavesdropping properties of quantum communication technology but also incorporates multi-layered security measures to ensure the safety and privacy of user data within the network.

Anti-eavesdropping Mechanism: Due to the non-replicable and indivisible nature of quantum state transmission in quantum networks, data transmitted within the QNTX network undergoes immediate state changes upon eavesdropping. Users and the system can instantly detect eavesdropping activities, thereby preventing data leakage.

Identity Authentication and Access Control: To guarantee that only authorized users can access quantum network resources, the QNTX system incorporates a multi-factor identity authentication and access control system based on quantum keys. Users must undergo rigorous identity verification and pass through permission control modules to access specific data and services, further strengthening privacy protection.

Smart Contracts and Data Integrity: Within the system, smart contracts automate data exchange execution and management while continuously validating information transmission to guarantee data integrity and transmission accuracy. These contracts enhance transparency in information flow, prevent unauthorized modifications, and elevate overall data management security and visibility.

Quantum-Resistant Cryptography: The QNTX system integrates quantum-resistant cryptographic algorithms to ensure data security within quantum networks against future quantum computing threats. This cryptographic technology enables the QNTX network to maintain high levels of data privacy and resilience against attacks.

2.3 Application Scenarios

The QNTX quantum network system's high security and real-time communication capabilities offer extensive application potential across multiple industries and domains.

Financial Data Transmission: In the financial services sector, data security and confidentiality are paramount. The QNTX quantum network ensures that financial transaction information and customer data remain protected from interception or tampering during transmission, providing secure quantum communication services for banks, securities firms, and other financial institutions.

Classified Communications: The QNTX system is particularly suited for classified communications within government agencies and military departments, ensuring



transmission over long distances remains free from eavesdropping or interference. Quantum entanglement and QKD technologies provide enhanced security for communication networks used by governments, defense agencies, and law enforcement.

IoT Security: As IoT devices proliferate, securing IoT data becomes critical. The QNTX system establishes secure quantum communication links for IoT devices, preventing data theft and tampering within IoT environments. This application is particularly vital for high-sensitivity data scenarios like smart cities, smart factories, and smart homes.

Healthcare Data Management: The privacy and security of medical data are paramount for hospitals, insurance companies, and patients. QNTX quantum networks provide secure data transmission channels for healthcare institutions, ensuring sensitive patient information remains confidential during transfer. Additionally, quantum key distribution technology offers robust safeguards for modern medical services like telemedicine.

Supply Chain and Logistics Management: Efficient supply chain management relies on timely and secure information. The QNTX system can establish quantum communication networks among logistics enterprises, enabling secure information sharing throughout the entire supply chain process while preventing data leaks and information distortion. This holds significant importance for industries such as multinational supply chain management, e-commerce, and warehousing logistics.

3. Role and Function of the QNTX Token

3.1 Overview of QNTX Token

The QNTX token is a vital component of the quantum network system, designed to support daily operations, incentivize user participation, and ensure the network's economic sustainability. As the foundational economic carrier of the quantum network, the QNTX token serves not only as a payment tool but also as a key credential for engaging with the quantum network ecosystem. Its design incorporates considerations for network demands, resource allocation, and user participation to ensure the quantum network meets user requirements for security and efficiency.

Core characteristics of the QNTX token include: efficient payment and settlement capabilities, cross-network compatibility, and support for programmable smart contracts. These features enable the QNTX token to function as both a medium of exchange within the Quantum Network system and a key component in its intelligent management and incentive mechanisms. Through the rational allocation and



application of QNTX tokens, the entire network operates with enhanced flexibility and security, while user experience is significantly improved.

3.2 Token Applications in the Quantum Network

Network Usage Fees Operating and maintaining the QNTX network requires resource consumption. Users can pay service fees in QNTX tokens when utilizing network services. These services include quantum-encrypted communication, data transmission, and more. The QNTX tokens paid serve as an operational fund to sustain and support the system, ensuring the sustainable supply and optimization of quantum network resources.

This payment model not only effectively covers routine operational costs but also ensures continuous system optimization to meet diverse user needs while delivering flexible quantum network services. Users can pay tokens on-demand, flexibly utilize tiered services, and achieve rational allocation of network resources.

Reward Mechanism The QNTX token incorporates a reward mechanism to incentivize users and node operators to contribute resources and services to the network. The network requires high levels of collaboration and sustained investment among nodes. Users who provide resources such as storage and computing power to the network receive QNTX tokens as rewards. This incentive mechanism not only boosts user participation but also enhances the network's stability and security.

By rewarding contributors, the QNTX network achieves decentralized resource distribution while ensuring resilience and reliability. Both resource-providing nodes and end-users consuming network services receive corresponding token rewards, creating a win-win scenario that further fosters the network's healthy development.

3.3 Core Functions of the QNTX Token

Access Privileges Holders of QNTX tokens gain access to the quantum network, with service tiers and resource levels determined by token holdings and user status. Within the QNTX network, access to different services is tiered based on token holdings—users with more tokens enjoy broader and higher-quality services. This token-based access control enhances network security while incentivizing users to support network growth through token holding.

Data Transmission and Service Fees Within the QNTX quantum network, QNTX tokens serve as the primary settlement tool, enabling payments for quantum communication and data services. Users pay data transmission fees with tokens, ensuring encrypted, rapid, and secure data transfer across the quantum network. Compared to traditional communication networks, the token-based settlement method



in the QNTX system offers greater transparency and speed, facilitating more efficient cross-regional and multi-node data services.

Additionally, users can utilize QNTX tokens to pay for various value-added services, such as high-security data storage and quantum computing task processing. By employing tokens as a payment mechanism, the QNTX network achieves flexible settlement and intelligent management of quantum services, further enhancing overall network efficiency and user experience.

4. Token Economics

4.1 Token Supply and Distribution

The total supply of QNTX tokens is set at 1 billion to ensure sufficient liquidity and scalability during the quantum network's development. The initial allocation structure is designed to support the needs of the team, developers, community, and investors across different phases:

Team and Developers: 20%

These tokens will be allocated to the core team and developers to reward their contributions and development efforts during the project's early stages, ensuring their continued participation and support.

Community Incentives: 30%

To foster active user participation and sustained network growth, 30% of tokens will be allocated for community incentives, including rewards for contributing network resources and engaging in ecosystem activities.

Investors: 25%

Attract early investors and partners to support the rapid development of the QNTX Quantum Network.

Liquidity Pool: 15%

Used for market liquidity maintenance to ensure token liquidity on trading platforms and provide users with a seamless trading experience.

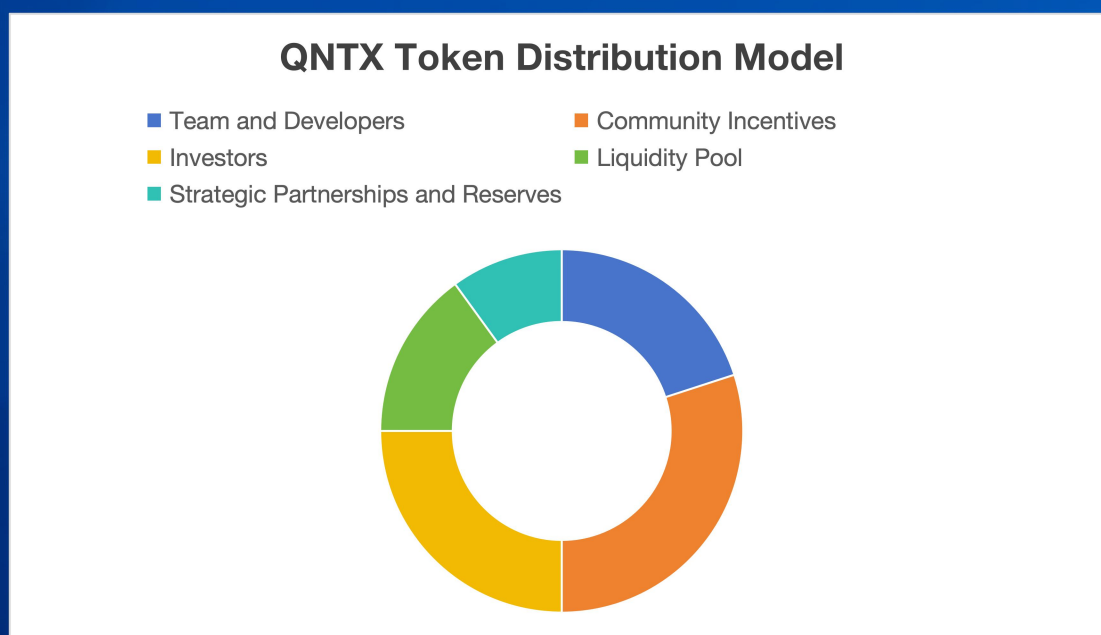
Strategic Partnerships and Reserves: 10%

This portion of tokens will be allocated for future strategic partnerships and ecosystem development needs, enabling flexible responses to market shifts and technological advancements.

This allocation model aims to achieve a reasonable balance of token value, safeguarding the project's sustainable development and the healthy growth of its



ecosystem.



4.2 Incentive Mechanism

The QNTX token incentive mechanism will drive active user participation in building and maintaining the Quantum Network. Specifically, this will be achieved through:

Participation Rewards: Users contributing resources (e.g., computing power, storage space) to the Quantum Network will receive QNTX tokens as rewards, encouraging broader participation and support.

Event Incentives: Community-organized activities (e.g., hackathons, technical workshops) will incentivize participants with QNTX tokens, further enhancing community engagement and cohesion.

Contribution Ranking: The QNTX network will establish a contribution ranking based on user contributions, with top-ranked users receiving additional token rewards. This competitive mechanism will motivate users to actively increase their participation, driving network development.

Long-Term Holding Rewards: To encourage sustained QNTX token holding, the system will implement a staking reward mechanism. Token holders will receive periodic additional tokens, promoting value stability and growth.

Through these incentive measures, the QNTX Quantum Network will cultivate a virtuous ecosystem that attracts sustained user participation and drives the network's sustainable development.



4.3 QNTX Ecosystem and Value Growth

Building a sustainable ecosystem is the core objective of the QNTX token economy model. Long-term ecosystem prosperity and token value growth will be achieved through the following approaches:

Diversified Application Scenarios: As QNTX quantum network technology matures, its application scenarios will expand across domains including financial data transmission, confidential communications, IoT, and medical data management. Growing demand will directly drive the appreciation of QNTX tokens.

Community-Driven Governance: By implementing community governance mechanisms, QNTX token holders will participate in decision-making, shaping the network's future direction. This decentralized governance model enhances community engagement and drives the network's long-term development.

Technological Innovation and Upgrades: As technology advances, the QNTX network will undergo continuous upgrades and optimizations to meet evolving user needs. Sustained technological innovation will attract new users, further boosting the token's market demand and value.

Market Liquidity and Trading Activity: Establishing liquidity pools and collaborating with major exchanges will ensure QNTX's market liquidity and trading activity. This will attract more investors and users, driving broader adoption and value appreciation of the QNTX token.

5. Technical Architecture

5.1 Distributed Quantum Computing Architecture

The QNTX quantum network system adopts a distributed quantum computing architecture, optimizing resource allocation by distributing computational tasks across multiple quantum nodes. This architecture effectively addresses bottlenecks inherent in traditional centralized computing, delivering enhanced computational efficiency and greater system resilience. Specifically, the distributed quantum computing architecture features:

Efficient Resource Utilization: Each node can independently process distinct quantum computing tasks, maximizing computational resource efficiency. Through dynamic scheduling algorithms, the QNTX system allocates tasks to the most suitable nodes based on real-time demand, thereby optimizing computational efficiency.



Fault Tolerance and Security: Within the distributed architecture, a single node failure does not disrupt overall system operation. The QNTX system employs quantum entanglement technology to ensure data integrity and computational accuracy even during node failures. This feature significantly enhances network security and reliability.

Flexible Scalability: The architecture permits the addition of new quantum nodes at any time to expand computational capacity. This flexibility enables the QNTX system to rapidly adapt to changing demands, supporting future technological advancements and market requirements.

5.2 Smart Contracts and Automated Execution

Smart contracts serve as a core component of the QNTX quantum network system, primarily enabling automated transactions, rewards, and service distribution. Through smart contracts, the QNTX system ensures transaction transparency and security in a decentralized manner. Specific applications include:

Automated Transactions: When utilizing quantum network services, users can execute payments and service requests automatically via smart contracts. This mechanism eliminates cumbersome steps in traditional payment processes, enhancing transaction efficiency while reducing operational risks.

Reward Mechanism: Smart contracts within the QNTX system monitor user participation and contributions, automatically distributing token rewards according to predefined rules. This automated reward mechanism incentivizes sustained user engagement, enhancing community activity.

Service Distribution: Leveraging smart contracts, the QNTX network dynamically allocates service resources, achieving optimal matching between user requests and system resources. This mechanism ensures users experience fast, stable service delivery when accessing the network.

5.3 Cross-Chain Communication Support

The QNTX quantum network system possesses robust cross-chain communication capabilities, enabling compatibility with other blockchains and quantum networks to facilitate cross-platform transfer of tokens and information. Implementation methods include:

Standardized Protocols: The QNTX system employs open cross-chain communication protocols to ensure seamless connectivity between diverse blockchains and quantum networks. These standardized protocols facilitate



information sharing and resource flow across platforms, driving ecosystem collaboration and development.

Information Synchronization and Interoperability: The QNTX network synchronizes data in real-time across other blockchains, enabling seamless information interoperability. Users can effortlessly access and manage cross-chain data through the QNTX network, enhancing data liquidity and usability.

Enhanced Security: During cross-chain communication, the QNTX system employs quantum encryption technology to safeguard data during transmission. This encryption method effectively prevents man-in-the-middle attacks and data theft, strengthening user trust in cross-chain operations.



6. Market Analysis

6.1 Quantum Network Market Overview

The quantum network technology market holds immense potential, with significant growth projected in the coming years. As information security demands rise—particularly in finance, healthcare, and government sectors—the security and



efficiency offered by quantum networks emerge as critical solutions. Market research indicates the quantum network industry will expand at an annual rate exceeding 20%, driven primarily by:

Information Security Demand: Frequent data breaches and cyberattacks are prompting enterprises and institutions to seek more secure communication methods.

Policy Support: Increasing government investment and backing for quantum technologies are accelerating research and application.

Technological Advancements: The continuous maturation of quantum computing and communication technologies is expanding practical application scenarios for quantum networks.

6.2 Competitive Analysis

Multiple competing projects and tokens exist within the quantum networking space. The following comparison with QNTX highlights its unique advantages:

Technical Advantages: QNTX employs cutting-edge quantum key distribution and quantum entanglement technologies, ensuring superior data transmission security and speed compared to many competitors.

Ecosystem: QNTX builds an open ecosystem that encourages developer and user participation, fostering strong network effects, while many competitors remain closed systems.

User-Friendliness: QNTX prioritizes user experience with intuitive interfaces and services, whereas competing projects often feature more complex designs.

6.3 Potential User Base

Potential users and partners for the QNTX quantum network system include:

Financial Institutions: Banks, securities firms, insurance companies, and other financial sectors with stringent data security requirements.

Government Agencies: National security, defense, and public safety sectors with stringent communication confidentiality requirements.

Large Enterprises: Multinational corporations and industry leaders requiring protection of sensitive information in their commercial operations.



High-Security Industries: Sectors such as healthcare, energy, and critical infrastructure requiring robust data privacy and security.

7. Development Roadmap

7.1 Short-Term Goals

Over the next 6 to 12 months, the QNTX quantum network system will focus on the following short-term objectives to ensure rapid system development and testing:

Prototype Development: Complete an initial prototype of the QNTX quantum network system covering core functionalities, including quantum key distribution and fundamental quantum communication protocols.

Security Testing: Conduct comprehensive security and performance testing to ensure system reliability against various attack scenarios and validate the effectiveness of quantum cryptography.

User Feedback Collection: Collaborate with early adopters and industry experts to gather usage feedback and further refine system design.

Partnership Establishment: Forge collaborations with key industry participants (e.g., financial institutions and technology companies) to enhance market entry potential.

Community Development: Foster a developer community to encourage technical exchange and application development, laying the groundwork for future functional expansions.

7.2 Mid-Term Goals

During the 1-3 year mid-term development phase, QNTX will progressively introduce additional functional modules, targeting:

Modular Feature Rollout: Gradually introduce new functionalities based on market demand and user feedback, including smart contract support, cross-chain communication capabilities, and advanced data transmission protocols.

Expanding Token Use Cases: Gradually enable widespread adoption of the QNTX token within quantum network services, including as a payment method, for access control, and for resource usage settlement.



Market Promotion and Brand Building: Strengthen brand awareness through industry conferences, seminars, and online activities to enhance QNTX's market visibility and attract more users and developers.

Ecosystem Expansion: Attract more developers and enterprises to join the QNTX ecosystem, encouraging them to build applications on the platform to foster a virtuous market cycle.

7.3 Long-Term Vision

QNTX's long-term vision is to establish itself as the world's leading quantum network system, with specific objectives including:

Global Coverage and Services: Establish QNTX quantum networks in major economies and technology-leading regions to meet secure communication needs across diverse industries.

Industry Standard Establishment: Strive to position QNTX as the industry standard for quantum communication, leading sector development and technological innovation.

Multi-Industry Convergence Applications: Delivering customized solutions for finance, healthcare, government, and high-security sectors to accelerate digital transformation across industries.

Continuous Innovation and R&D: We consistently invest in technological research and development to maintain our competitive edge in quantum communication and explore future application possibilities.

8. Team Overview

8.1 Core Team

QNTX was founded by a multidisciplinary, international core team with extensive hands-on experience in **quantum communication, blockchain systems, security architecture**, and **global technology** operations. Core members possess backgrounds in executing large-scale technology projects and collaborating on cutting-edge research, providing robust support for the long-term development of the QNTX quantum network ecosystem.

Chief Executive Officer (CEO) — Dr. Alexander Whitmore

With over 15 years of experience in technology and innovation management, Dr.



Whitmore has held executive positions at several internationally renowned technology and cybersecurity companies. His research spans **quantum computing, distributed systems, and high-security communication** architectures, with a long-term commitment to advancing the industrialization of cutting-edge technologies. At QNTX, Dr. Whitmore oversees overall strategic planning, global partnership development, and ecosystem construction.

Chief Technology Officer (CTO) — Dr. Nathaniel Brooks

Ph.D. in Quantum Information Science and an expert in quantum communication and network architecture. Served as a core technical member on multiple **national-level quantum network and quantum key distribution (QKD)** projects, with deep expertise in quantum communication protocols, quantum-secure networks, and high-reliability transmission systems. At QNTX, Dr. Brooks leads core technology roadmap design, underlying protocol development, and technical team management.

Chief Financial Officer (CFO) — Michael J. Harrington

A seasoned expert in finance and digital asset management, with extensive hands-on experience in **financial services, blockchain project financing, and compliance governance**. Has participated in the financial architecture design and capital operations for multiple technology infrastructure and blockchain projects. At QNTX, Mr. Harrington is responsible for financial strategic planning, investment management, and the long-term security and sustainability of capital.

Chief Operating Officer (COO) — Emily R. Caldwell

With a background in operating large-scale technology projects and organizational management, she has led the implementation of multiple highly complex, cross-regional, and cross-team technical projects. Her expertise spans **project management, process optimization, and the establishment of global operational systems**. At QNTX, Ms. Caldwell is responsible for platform operational execution, collaborative project implementation, and optimizing organizational efficiency and governance structures.

8.2 Strategic Partnerships

To accelerate the practical application and ecosystem development of quantum networking technology, QNTX has established deep strategic partnerships with leading institutions across multiple sectors, forming a synergistic network integrating technology, industry, and research.

Technology Partners

QNTX maintains long-term collaborations with multiple internationally leading **quantum hardware manufacturers and communication equipment R&D institutions** to jointly advance the development and testing of high-performance



quantum communication devices, quantum encryption modules, and network infrastructure.

Industry Partners

In the fields of financial services, secure communications, and critical infrastructure, QNTX collaborates with key industry players to explore **practical applications of quantum-secure networks in financial transactions, data transmission, and privacy protection scenarios**, driving the commercialization and scaling of these technologies.

Academic & Research Institutions

QNTX maintains close collaboration with internationally renowned universities and research institutions. Through joint research, experimental network construction, and talent development programs, it continuously drives breakthroughs in quantum communication theory and engineering technology.

9. Risk Disclosure and Disclaimer

9.1 Risk Disclosure

Participation in the QNTX token and related ecosystem may involve the following risks. Participants should make decisions based on a thorough understanding and assessment of their own risk tolerance:

Market Risk

The digital asset market is highly volatile. The value of QNTX tokens may be affected by market supply and demand dynamics, macroeconomic conditions, industry developments, and other uncontrollable factors.

Technical Risk

While quantum communication technology possesses cutting-edge capabilities and transformative potential, technical challenges or uncertainties may persist in its engineering implementation, large-scale deployment, and long-term stability.

Compliance and Legal Risks

Changes in relevant laws, regulations, and supervisory policies may affect the legality, availability, or circulation methods of the QNTX token within specific jurisdictions.

Operational Risks

Factors including but not limited to system upgrades, cyberattacks, technical failures, and reliance on third-party services may impact platform operations and user experience.



9.2 Legal & Compliance Statement

QNTX is committed to advancing technological development and ecosystem construction within the framework of applicable laws and regulations. All users participating in the QNTX ecosystem are responsible for complying with relevant laws and regulations in their respective jurisdictions, including but not limited to:

Anti-Money Laundering (AML) and Counter-Terrorist Financing (CTF) regulations

Know Your Customer (KYC) and identity verification requirements

Data protection, privacy, and cybersecurity laws

QNTX reserves the right to restrict, suspend, or terminate user access, token usage, or related services as necessary to comply with legal or regulatory requirements.

9.3 Regulatory Uncertainty Statement

The regulatory environment surrounding quantum communication, blockchain, and digital assets remains in a state of ongoing development and adjustment. Significant differences exist across countries and regions regarding the legal characterization, regulatory requirements, and compliance standards for digital assets, and these may change in the future.

Changes in regulatory policies may significantly impact QNTX's operational model, technology deployment, token functionality, or market circulation, including but not limited to functional adjustments, usage restrictions, or increased compliance costs. QNTX shall not be liable for any direct or indirect losses arising from regulatory changes.

9.4 Forward-Looking Statements

Certain content in this whitepaper may contain forward-looking statements, including but not limited to expectations regarding technological development, market prospects, and ecosystem construction. These statements are based on current information and reasonable assumptions. Actual results may differ materially from expectations due to various uncertainties.

QNTX undertakes no obligation to update or revise any forward-looking statements and makes no guarantees regarding future performance.



9.5 Disclaimer

This whitepaper is intended solely to provide basic information about the QNTX quantum network system and its related technologies, products, and token mechanisms. It does not constitute any form of investment advice, legal opinion, financial commitment, or securities offering.

The contents herein shall not be construed as a basis for purchasing, selling, or holding QNTX tokens or any other digital assets.

QNTX tokens do not represent any equity, debt, profit-sharing rights, or ownership interest in the project's operating entity. Participants bear full responsibility for all risks and consequences arising from decisions made based on this whitepaper.

In any jurisdiction where the issuance, holding, or use of QNTX tokens violates local laws or regulations, the relevant individuals or entities shall bear all legal liabilities arising therefrom. QNTX shall not be liable for any losses resulting from violations of local laws.

