QUAI | NETWORK

About The Partner

Quai Network is a scalable and programmable Proof-of-Work blockchain designed to serve as a next-generation global monetary system. Utilizing a multi-chain Proof-of-Work architecture, Quai delivers high-speed transactions and EVM-compatible smart contracts, powered by its novel Proof of Entropy consensus mechanism.

The Quai blockchain is designed to support a broad range of applications across DeFi, gaming, real-world assets (RWA), and its energy-backed stablecoin, Qi. With mainnet recently launched, achieving interoperability, liquidity flow, and developer adoption is crucial to driving ecosystem growth, transaction volume, and long-term sustainability.

Quai's Challenge

To establish itself as a high-performance Layer 1 blockchain and accelerate adoption across networks, Quai required key infrastructure enhancements including but not limited to:

Developer tools to build universal dApps, cross-chain liquidity pools, autonomous agents and more operating across multiple blockchains reaching wider communities and partners.	Access to low-latency, programmable and decentralised data (Web2 and Web3) powering QUAI smart contracts for diverse use cases, including AI, IoT, DeFAI, GameFAI, and RWAs.	Seamless asset transfers across all blockchains via highly secure, cost-efficient, and trustless bridging primitives, expanding ecosystem reach, liquidity and use cases

To accelerate adoption, Quai needed a comprehensive interoperability infrastructure that would streamline developer onboarding, facilitate cross-chain connectivity, and optimize liquidity efficiency across Web3.
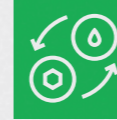
Solutions

Entangle provided **full-stack interoperability** infrastructure tailored to Quai's requirements, delivering a **scalable**, **secure**, and **developer-friendly** framework for omnichain connectivity, ultra-fast data with token bridging and expansion options.

Universal Interoperability Protocol	Universal Token Standard	Universal Data Feeds
• Industries first fully abstracted, decentralized omnichain messaging framework for all virtual machines • Plug and play tools to build universal dApps that trap into liquidity and mindshare from external ecosystems. • QUAI token was integrated on Photon Bridge (built on entangle), enabling trustless bridging across all chains.	• Enables developers to deploy, expand, and manage tokens across multiple chains. • Ensures full ownership of smart contracts and control over omnichain asst functionality. • A cost-effective, frictionless integration pathway for tokens to reach broader liquidity and audiences.	• Verifiable, low-latency, and cost-efficient data with full customization options. • The industries fastest, interoperable data solution with a choice of delivery models including Push and Pull.

Beyond these integrations, Entangle customized its solutions to accommodate Quai's unique blockchain architecture including:

Integrating Quai's Pelagus Wallet with Photon Bridge, facilitating secure asset transfers across networks.

Modifying contract logic to achieve compatibility with Quai's execution environment and specialized architecture.
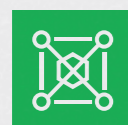
Deploying an omnichain token, designed to natively interact with Quai's gas token, enabling deeper ecosystem integration.

These enhancements demonstrate a deep technical collaboration between Entangle and Quai, providing the foundational infrastructure needed for seamless liquidity movement, data interoperability, and developer adoption.
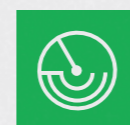
Results & Benefits

By integrating Entangle's infrastructure, Quai Network now operates on a scalable, future-proof framework designed for long-term growth and adoption. Key benefits include:

Seamless Omnichain Liquidity

Enabling efficient and secure token transfers and deeper liquidity integration across multiple ecosystems with asset inflows to Quai across all virtual machines.
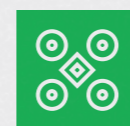
Intelligent Smart Contracts

Quai smart contracts have access to hyper fast, customisable data from any source powering innovation and novel use cases across AI, DeFi, RWA, Predictions and more.

Developer Community Expansion

Offering easy to use, developer first plug-ins for building, deploying, and scaling dApps with minimal friction enables Quai to foster developer centric communities from every blockchain.

Stronger Layer-1 Positioning

With universal dApps, programmable data and connectivity to every chain, Quai's proposition to developers, protocols, and institutional partners is enhanced including access to diverse communities.

As Quai Network approaches its mainnet launch, it is equipped with the critical tools to build, scale and drive Web3 adoption, positioning itself as a next-generation blockchain ecosystem capable of supporting diverse, high-performance applications operating across all ecosystems.

"The Entangle team is truly world-class. Their team of engineers has brought innovative bridging and oracle solutions to Quai Network all on day one. Entangle's solution opens up entirely new markets for Quai Network with respect to interoperability. We're excited to develop a longstanding partnership with Entangle and expand liquidity on Quai."

**Alan,
Co-Founder of Quai Network**

About Entangle

Entangle is a leading blockchain interoperability infrastructure provider, built by a team of 120+ engineers, researchers, and industry experts dedicated to solving Web3's biggest challenges. For over three years, Entangle has been at the forefront of omnichain innovation, developing the fastest and most secure interoperability solutions while partnering with top blockchain ecosystems to enable seamless asset movement and real-time data access. Its Universal Interoperability Protocol (UIP), Universal Data Feeds (UDF) and Universal Token Standard (UTS), provide developers, protocols, and enterprises with the tools to scale cross-chain applications, bridge liquidity, and automate decentralized systems. As Web3 evolves, Entangle remains the backbone of a fully connected, data-driven, and interoperable decentralized economy.
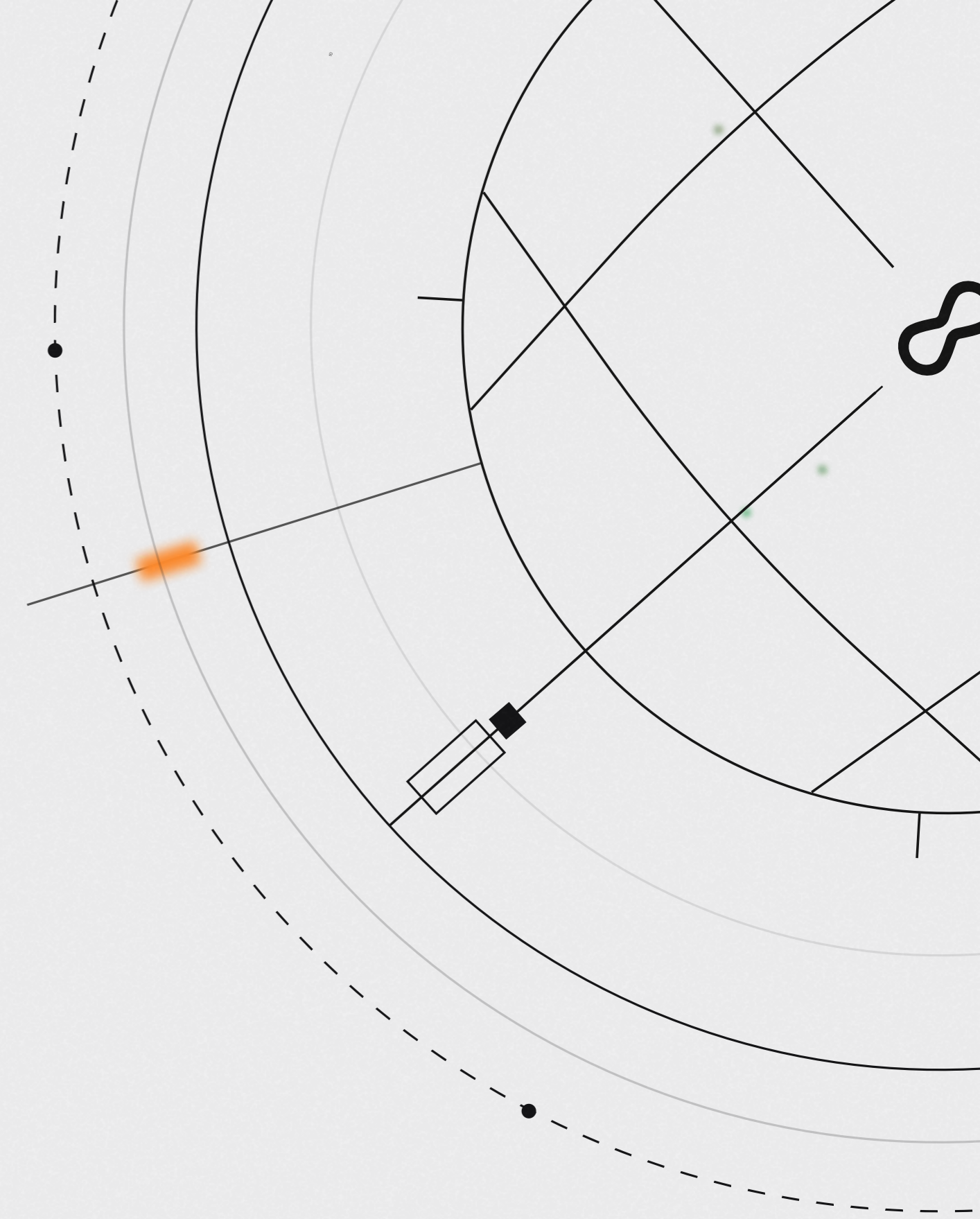
Contact us:

Gabriel Hiris
Head of BD Entangle
g.hiris@entangle.fi

Arounen Murdhen
Senior Business Analyst Entangle
a.murdhen@entangle.fi

ENTANGLE

Official Links:

Website: https://www.entangle.fi/

Entangle Hub: https://explorer.entangle.fi/

Photon Bridge: https://photonbridge.io/

Universal Token Standard (UTS): https://uts.entangle.fi/

Universal Data Feeds (UDF): https://udf.entangle.fi/

Docs: https://docs.entangle.fi/

Social Links:

Twitter (X): https://x.com/Entanglefi

Telegram: https://t.me/entangle_community

Discord: https://discord.gg/entangle

Youtube: https://www.youtube.com/@entanglefi

Partner Links:

Website: https://qu.ai

Quai Stats: https://stats.quai.network/app/dashboards

X: https://x.com/quainetwork

Telegram: https://t.me/QuaiNetwork

Discord: https://discord.com/invite/quai