



# RTHAE

Unleashing the Infinite Potential of  
Every Transaction



# Introduction



In recent years, the cryptocurrency market has experienced explosive growth. Currently, there are over 600 million cryptocurrency holders worldwide, accounting for 7.5% of the global population, and crypto assets are gradually integrating into the mainstream financial ecosystem. Against this backdrop of rapid expansion, the Rthae cryptocurrency exchange was established, dedicated to providing secure, compliant, and efficient digital asset trading services to global users.

Rthae takes “bridging traditional finance with the emerging crypto economy” as its mission, positioning itself as the most trusted digital asset trading hub globally to help both individual and institutional investors participate in the cryptocurrency market conveniently and efficiently. Looking ahead, Rthae will continue to drive the mainstream adoption of crypto assets through ongoing product iteration and technological innovation, striving to ensure that every user can participate in the new era of digital assets safely and efficiently.



# Introduction to Rthae Exchange



## About Rthae

Founded in September 2020, Rthae is a global cryptocurrency trading platform committed to providing secure, efficient, and convenient digital asset trading services to users worldwide. With a top-tier technical architecture, robust market liquidity, and stringent security standards, Rthae has attracted tens of millions of users globally, establishing itself as a pioneer of financial innovation in the Web3 era.



As a comprehensive, multifunctional platform, Rthae offers a full suite of services including spot trading, derivatives trading, wealth management, and educational resources, creating a truly “one-stop” digital asset management platform. Driven by a philosophy of innovation, we actively embrace industry transformation, continually optimize the trading experience, and empower global investors through technology.

# Core Competencies



## Top-Tier Liquidity

The platform has established a global liquidity network in partnership with multiple leading market makers and trading institutions. The platform boasts a deep order book and high liquidity, enabling users to execute large or high-frequency trades quickly and with minimal slippage.

## Professional-Grade Services

The Rthae Exchange integrates professional-grade charting and market data tools, allowing users to monitor a wide range of cryptocurrencies in real time. With a wealth of technical indicators and drawing tools, they can conduct in-depth analysis, quickly identify investment opportunities, and efficiently execute trading strategies with one-click trading functionality.

## User-Friendly Experience

It provides an intuitive and user-friendly interface with multi-language support to meet the needs of a global user base. The 24/7 professional customer service and active community support ensure prompt responses to user feedback, driving continual product improvement and enhancing user satisfaction.

## Military-Grade Security

It employs a financial-grade security framework, including cold/hot wallet segregation and multi-signature technology, to safeguard user assets. It deploys real-time risk controls, DDoS attack protection, and other multi-layered security measures, while strictly adhering to KYC (Know Your Customer) and AML (Anti-Money Laundering) compliance requirements to foster a secure and trustworthy trading environment.

## Comprehensive Financial Products

It offers a wide range of digital asset trading and investment products to meet the diverse needs of investors. The platform is also actively exploring innovative services such as OTC trading and NFT markets, continuously enriching the platform ecosystem.



# Market and User Base



## User Scale and Distribution

The user base of Rthae is widely distributed, aligning with the overall global distribution trends of crypto users. Rthae has its largest user base in the Asian market, particularly in East Asian and Southeast Asian countries, where it boasts a strong community presence. Users in North America and Europe prioritize compliance and security, responding positively to the platform endorsement through its U.S. MSB/SEC licenses. Additionally, emerging market users in South America, the Middle East, and Africa have shown double-digit growth, with the overall crypto holders in South America increasing by over 116% in 2024. Overall, the user base of Rthae exhibits a global, decentralized characteristic, avoiding reliance on any single market and demonstrating strong risk resilience. Notably, South America and Oceania have seen the fastest user growth, with year-over-year increases of 117% and 114%, respectively.



# Market and User Base



## Trading Volume and Market Share

With its diverse product offerings and global user base, Rthae has become a significant force in the digital asset trading sector. The annual total trading volume of the platform has surpassed the trillion-dollar mark, with peak daily trading volumes exceeding \$10 billion. This impressive scale of trading activity is driven not only by active retail traders but also by the influx of substantial institutional capital. Numerous hedge funds and high-frequency trading firms have connected to Rthae via API for trading activities. Additionally, the listing of new tokens at Rthae often garners significant market attention, with first-week trading volumes frequently exceeding \$1 billion. This highlights the platform ability to capture market trends and capitalize on emerging opportunities effectively.



## Market Influence and Brand

Through continuous technological innovation and high-quality service, Rthae has established a strong reputation among its user base. The platform maintains a monthly retention rate above 80%, with more than half of new registrations coming from user referrals, demonstrating a high level of user trust in Rthae. The Rthae brand is widely recognized internationally and has been repeatedly named one of the “Most Popular Trading Platforms” by professional organizations. Rthae is also featured in authoritative industry rankings such as the annual awards of TradingView and the Blockchain Life summit.



# Platform Features and Services



## Spot Trading

It supports spot trading for mainstream cryptocurrencies as well as high-quality emerging projects, offering hundreds of trading pairs. The platform provides deep order books and high liquidity, allowing users to access professional-grade order book data, K-line charts, and technical indicators in real time. The matching engine of Rthae ensures rapid execution even in highly volatile markets, minimizing slippage and meeting the growing demands of active traders.



## Derivatives Trading

The platform offers a comprehensive suite of derivatives products, including perpetuals, futures, and options, catering to advanced traders and professional institutions. Users can leverage these products for risk hedging or to amplify returns. The platform is equipped with automated deleveraging and risk reserve mechanisms to maintain market stability during extreme volatility.



## Institutional Services

For institutions and high-net-worth clients, Rthae provides dedicated service channels, including exclusive VIP lanes and high-speed API connectivity. Institutional users can execute large block trades via dedicated channels to avoid market impact, while customized APIs and high-speed matching channels allow for millisecond-level access to the market for quantitative traders and market makers. Rthae also offers value-added services to institutions, fostering an institution-friendly trading environment.



# Platform Features and Services



## Wealth Management Services

The wealth management services of Rthae are designed to help users preserve and enhance the value of their digital assets by offering stable financial products. These include interest-bearing deposit products, both flexible and fixed-term, with annual yields ranging from 5% to 15%. The platform also offers curated staking and credit lending opportunities. Staking services support one-click staking for PoS tokens, with partner nodes providing on-chain rewards. Additionally, for advanced users, there are structured financial products linked to derivatives, offering excess returns in volatile markets, participation in which is voluntary.



## New Token Listing and Incubation

As an industry-leading platform, Rthae actively seeks out and incubates high-potential projects. The platform employs a rigorous token listing review process, evaluating project quality across technical, security, and compliance dimensions to ensure the reliability of listed projects. For outstanding projects, Rthae provides a fast-track listing process and marketing support, helping projects quickly reach a global user base.



## Academy & Educational Resources

The Academy module is an integral part of the platform ecosystem, providing users with systematic cryptocurrency knowledge training and investor education. This helps users enhance their understanding and participate in the market more rationally.



# Platform Technological Innovation and Strength



## High-Performance Matching Engine

The self-developed matching engine of Rthae leverages high-performance programming languages and an in-memory matching architecture, enabling order processing at the microsecond level. Its designed throughput can handle millions of orders per second, far exceeding typical market demands. The Rthae engine has undergone rigorous stress testing to ensure seamless processing of massive volumes of orders even during peak trading periods. This technological capability ensures that users, regardless of their location or market conditions, can execute trades quickly and efficiently, avoiding missed opportunities caused by system delays.

# Platform Technological Innovation and Strength



## Low Latency and Distributed Architecture

The platform adopts a microservices and distributed architecture, decoupling modules such as the matching system, account system, and market data distribution, which are deployed across multiple data centers worldwide. Through localized deployment and intelligent routing, Rthae achieves millisecond-level latency for the entire process, from order placement to execution feedback. Meanwhile, the distributed architecture ensures that even if a server node experiences a failure, operations can automatically switch to other nodes, maintaining a system availability rate of 99.99% or higher. With active-active data centers and an automatic failover mechanism, the platform remains stable and operational even during sudden traffic surges or hardware failures.

## Liquidity Aggregation and Depth Management

Rthae has implemented a multi-layer liquidity pool and depth aggregation system. The platform not only relies on its own liquidity to serve the trading needs of tens of millions of users but also collaborates with top global market makers and other exchanges. Through APIs and liquidity-sharing mechanisms, external order flows are seamlessly integrated. The system aggregates order books from various sources and presents them to users, offering deep buy and sell orders and better execution prices. Regardless of the order size, Rthae strives to ensure minimal slippage and ample counterparties. This depth aggregation technology positions Rthae as one of the core liquidity hubs in the industry, providing pricing references for other institutions.

## Innovative Features and Smart Trading

Rthae consistently drives technological innovation in trading functionalities. The platform offers advanced order types to meet the needs of professional trading strategies. Its intelligent matching algorithm can identify large orders and execute them in smaller parts to minimize market impact. At the same time, Rthae is developing algorithmic trading and trading bot interfaces. In the future, users will be able to connect their own algorithmic programs via API to execute high-frequency and quantitative trading on the platform.





## Multi-Signature Wallets and Cold/Hot Separation

The platform uses multi-signature (Multi-sig) technology to manage user asset wallets. Over 98% of digital assets are stored in offline cold wallets, with only a small portion kept in online hot wallets for daily withdrawal needs. Cold and hot wallets are physically segregated, and cold wallet private keys are held by multiple parties. Any large withdrawal requires joint authorization by several senior managers, eliminating single-point-of-failure risks.



## Strict Access Control and Encryption

Rthae enforces the Principle of Least Privilege internally, granting employees only the permissions necessary for their roles. Private keys and sensitive data are protected by hardware security modules (HSMs) and professional key management systems, using military-grade encryption algorithms. All critical operations, such as withdrawals and risk parameter modifications, require multi-level identity verification, including two-factor or multi-factor authentication (2FA/MFA) and management approval processes. Meanwhile, the platform provides users with a wide range of security settings to enhance the safety of individual accounts, ensuring robust protection against unauthorized access.



## Intelligent Risk Control System

Rthae has developed an intelligent risk control system with real-time monitoring, providing 24/7 surveillance of trading activities and fund movements. The system leverages machine learning and rule-based engines to identify abnormal trading patterns and withdrawal requests, such as large withdrawals within a short period or fund transfers across linked accounts. Upon detecting suspicious or potentially fraudulent behavior, the system automatically triggers risk control measures. These include temporarily freezing the related accounts, delaying suspicious withdrawal requests, and notifying the security team for further review.



## Anti-Money Laundering (AML) and Compliance Monitoring

As a licensed and compliant exchange, Rthae strictly enforces Know Your Customer (KYC) and Anti-Money Laundering (AML) policies. For large or suspicious transactions, additional due diligence documentation will be required. The platform employs professional on-chain transaction monitoring tools to audit digital asset deposits and withdrawals, detecting suspicious on-chain fund sources and flows. Upon identifying potential signs of illegal activities such as money laundering or terrorist financing, Rthae will promptly report to regulatory authorities and cooperate with law enforcement investigations.



## Security Insurance and Emergency Response Plans

To further safeguard user interests, Rthae has established a security insurance fund to compensate affected users in extreme cases, such as asset losses caused by hacking attacks. The platform conducts regular third-party security audits and penetration testing on its core systems and organizes multiple emergency drills annually to ensure the team can respond promptly and effectively to unexpected security incidents. Additionally, Rthae collaborates with top-tier cybersecurity companies to gain real-time insights into the latest security threats, proactively strengthening system defenses.





# Compliance and Licensing



## U.S. MSB License

Rthae has successfully registered with the Financial Crimes Enforcement Network (FinCEN) of the U.S. Department of the Treasury as a Money Services Business (MSB), which is one of the essential prerequisites for legally conducting cryptocurrency trading activities in the United States. The MSB license authorizes Rthae to engage in digital currency exchange, international remittance, foreign exchange trading, and payment settlement services within the U.S.

## U.S. SEC Authorization

Rthae has impressively obtained the relevant business authorization from the U.S. Securities and Exchange Commission (SEC), enabling it to provide trading services for specific crypto securities and investment products to U.S. users under a compliant framework. With the SEC authorization, Rthae has become one of the few crypto platforms recognized under the U.S. securities regulatory system.



## Global Compliance Strategy

Beyond the United States, Rthae actively seeks operational licenses in major financial jurisdictions worldwide to ensure its business operations comply with local legal requirements. In Europe, Rthae adheres to the latest Markets in Crypto-Assets (MiCA) regulations, meeting requirements such as user asset segregation and reporting obligations. Rthae also plans to obtain licenses from the UK Financial Conduct Authority (FCA) and Singapore to achieve full coverage in key markets.

## Anti-Money Laundering and User Protection

Rthae strictly enforces Anti-Money Laundering (AML) and Combating the Financing of Terrorism (CFT) regulations. The platform is equipped with a compliance officer team certified by the Association of Certified Anti-Money Laundering Specialists (ACAMS) and continuously updates its rule database to align with the latest regulatory requirements. To protect user rights, Rthae has implemented a customer asset segregation and custody system, ensuring strict separation between user funds and company operational funds. In 2025, Rthae achieved its fourth consecutive year of third-party audit verification, demonstrating that it maintains over 100% reserve ratios for multiple major assets.



# Team Introduction



## Alexander Thompson – Chief Executive Officer (CEO)

Holding over 15 years of experience in Wall Street investment banking. Previously served as Vice President at Goldman Sachs. Possessing deep insights into the digital asset market and financial derivatives, he excels in strategic planning and corporate management.



## Michael Roberts – Chief Technology Officer (CTO)

Previously held senior engineering roles at Google and IBM, with more than 10 years of experience in blockchain and financial software development. He specializes in distributed systems architecture and has made significant achievements in high-performance trading systems and network security.

## Emily Carter – Chief Operating Officer (COO)

A serial entrepreneur from Silicon Valley, she oversees daily operations and business development. She has led operational management for several tech startups and has extensive practical experience in team management and market strategy execution, adept at turning innovative ideas into viable products and services.

## David Williams – Chief Security Officer (CSO)

A cybersecurity expert, previously worked in the cybersecurity division of the US Department of Defense and has participated in numerous national-level cybersecurity projects. He is proficient in cryptography and blockchain security audits and is fully responsible for building the platform security system, ensuring the safety of user assets and data.

## Sophia Martinez – Chief Marketing Officer (CMO)

With eight years of marketing experience in the crypto industry and previously worked in the market expansion department of a renowned crypto exchange. She excels at brand building and community operations, leading the marketing team to drive user growth, global branding, and cross-industry partnerships.

# Rthae Milestones



**2020**

## Inception and Formation

September: Rthae was officially founded, bringing together a diverse founding team from Wall Street investment banks and Silicon Valley tech companies.

October: Completed the first round of financing, primarily to strengthen technical architecture and conduct global market research.

November: Developed core exchange features and wallet modules; commenced internal testing.

December: Platform officially launched, surpassing 300,000 registered users in the first month.



## Foundation and Expansion

**2021**

March: Obtained ISO 27001 Information Security Management System certification, enhancing corporate security credibility.

April: Launched the “Options Trading” section.

May: Acquired U.S. MSB license.

June: Rolled out “Rthae Wealth Management” services, offering a variety of value-added products.

August: Deepened partnerships with cloud service providers, completed disaster recovery and multi-active data center deployment.

November: Introduced the “Futures Trading” section, with perpetuals supporting up to 200x leverage.





## Technological Innovation and Global Expansion

2022

January: Named “Top 20 Most Promising Blockchain Companies” by leading media; established R&D and customer service center in Indonesia.

March: Launched the “Rthae Academy” Web3 security training program.

August: Obtained dual ISMS-P (Information Security Management & Personal Data Protection) certifications.

September: Entered into a strategic partnership with investment bank SK Square.

November: The platform achieved ISO 27001 international information security certification, realizing dual compliance and security controls.



2023

## Diversified Services and High-Level Security

January: Global workforce reached 3,000 employees.

May: Established professional risk control and AML departments, fully integrating on-chain analytics tools.

July: The platform achieved ISO 27701 and multiple other international standard certifications; became one of the first exchanges globally with four ISO certifications.

September: Expanded partnerships, becoming a DMCC ecosystem and consulting partner.

October: The platform got listed in Forbes “Top 50 Most Influential Blockchain Companies in the World”.

November: Hosted the inaugural “Rthae Global Blockchain Summit”, inviting industry experts to explore cutting-edge trends.



**2024**

## Ecosystem Upgrade and International Influence

January: Rated as one of the most trusted crypto exchanges by authoritative review sites.

March: Established local customer service and technical support centers in Japan and Canada, deepening global operations.

September: Held the 4th anniversary celebration and launched a charitable foundation.

November: Entered a research partnership with a leading international security firm to pilot quantum-resistant encryption algorithms.

December: Platform registered users surpassed 13 million.



## Comprehensive Impact and Ecosystem Maturity

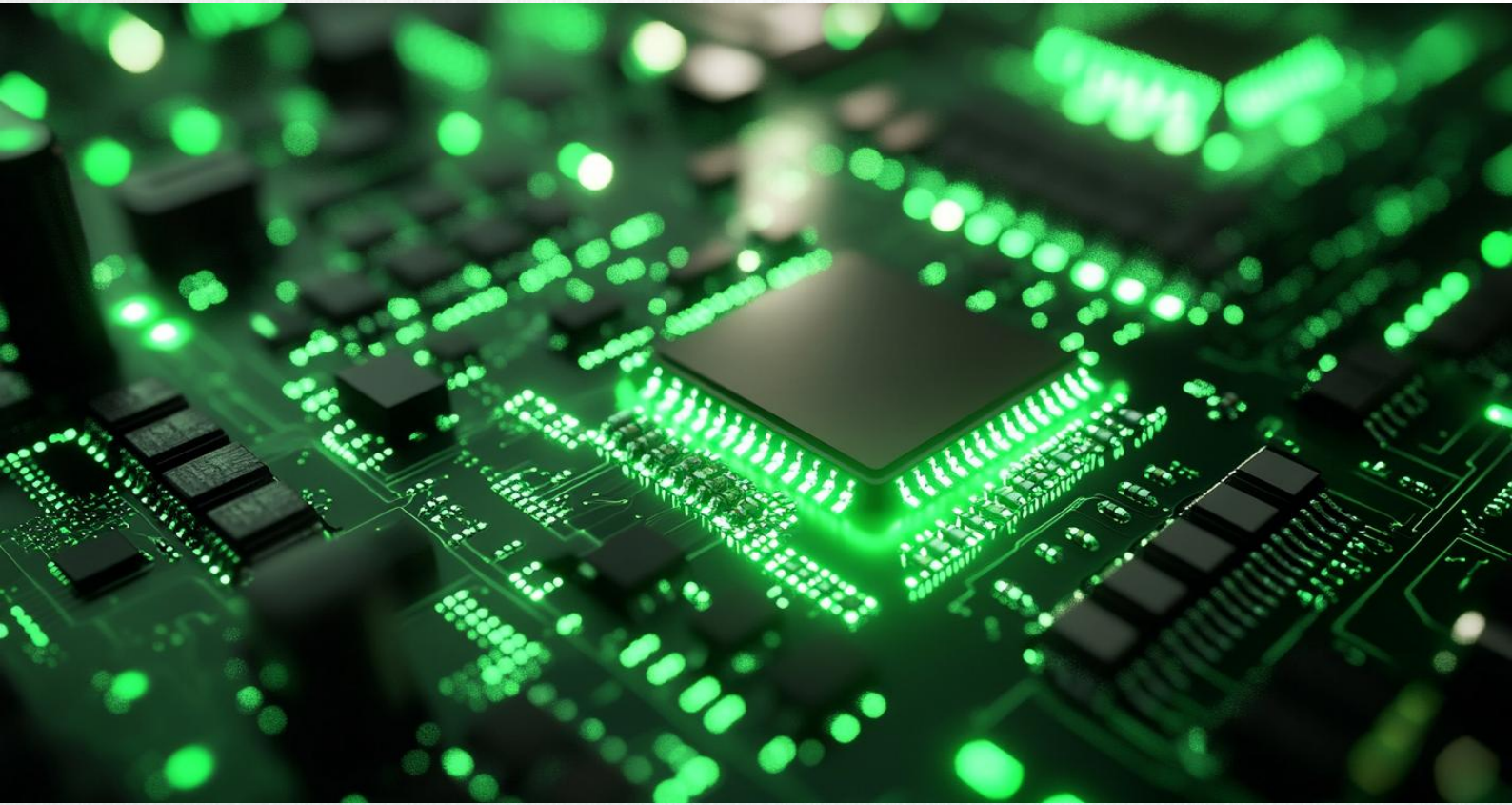
**2025**

January: Successfully obtained relevant US SEC business licenses, providing compliant trading channels for certain digital securities and investment products.

April: Total user asset custody exceeded \$6 billion.

June: Launched proprietary public chain testnet and initiated the Rthae Web3 Ecosystem Plan, supporting DeFi, GameFi, NFT, and other applications within the Rthae ecosystem.





## Technological Upgrades and Frontier Exploration

Rthae plans to allocate a significant proportion of its revenue to technological research and development to maintain the leading performance of the platform. In the short term, Rthae will complete a new round of upgrades to its trading engine, aiming to increase order processing speed by another 50% and achieve microsecond-level latency. At the same time, Rthae is actively exploring the application of artificial intelligence (AI) in trading, including intelligent customer service, AI risk control models, and smart trading assistants. The platform is also introducing machine learning algorithms to optimize matching and pricing, enhancing market depth and stability, and developing intelligent investment assistants to provide users with personalized market analysis and investment advice. In the medium to long term, Rthae will focus on the potential impact of quantum computing on the crypto industry, proactively deploying quantum-resistant encryption algorithms to ensure the platform security remains robust and reliable well into the future.



## Product Ecosystem Expansion

Rthae plans to gradually roll out various new products and services in the future. Within the next 1–2 years, the NFT marketplace of Rthae is expected to be fully operational, bringing in more partners and exclusive NFT releases. In terms of trading products, Rthae is considering launching social trading features that allow users to copy the strategies of top traders, as well as advanced derivative tools like options combination strategies to meet the more complex needs of professional investors.



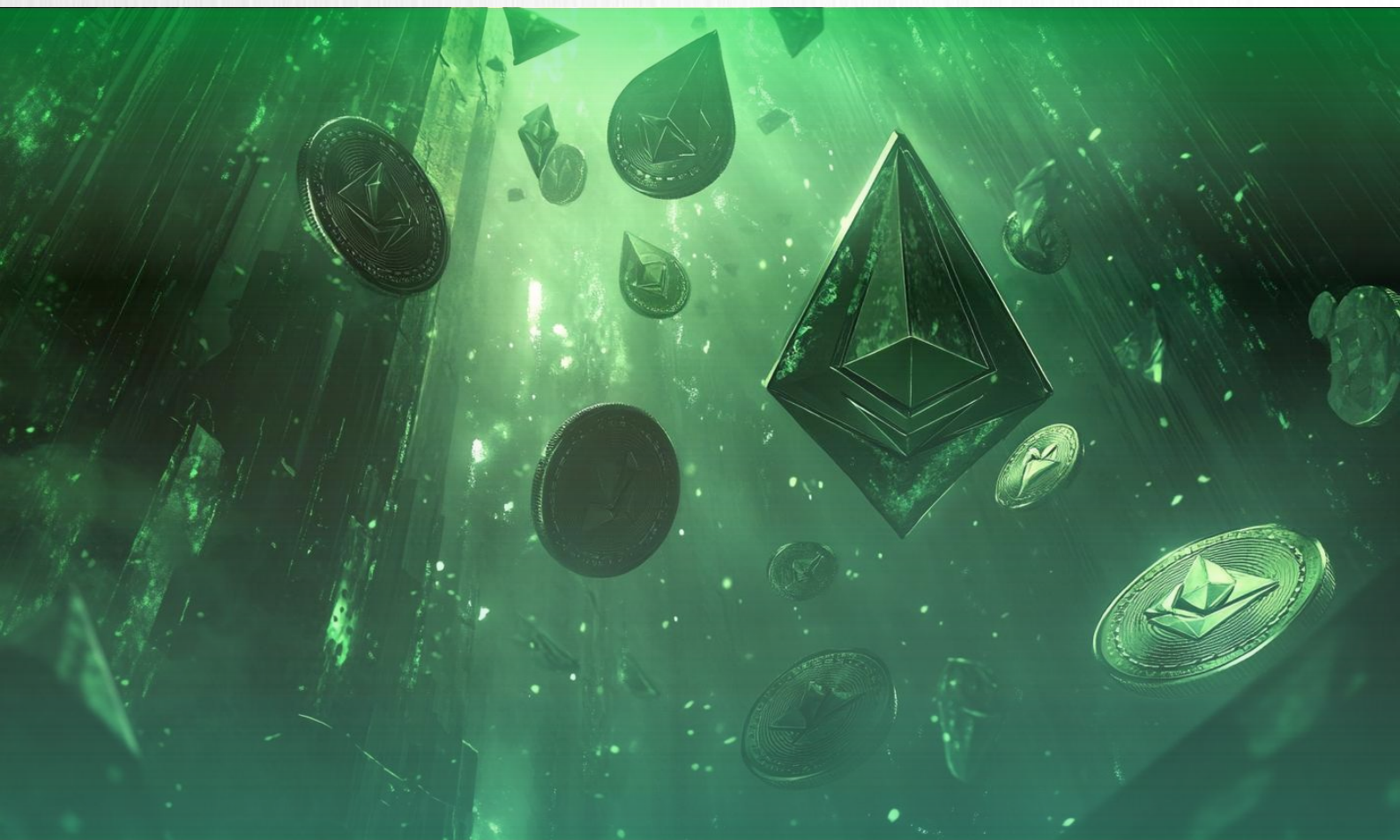




## Deepening International Market Presence

Over the next few years, Rthae plans to establish local offices or partnerships in emerging crypto markets such as Latin America, Africa, and the Middle East, providing localized language support, fiat currency channels, and marketing activities. In Latin America, Rthae will focus on countries like Brazil and Argentina by introducing support for local currency deposits and trading pairs, and holding educational seminars to promote crypto knowledge. In the Middle East, Rthae aims to secure compliance licenses in locations such as Dubai, participate in local crypto innovation sandbox programs, and cater to the growing investment demand in the Gulf region. Within 2–3 years, Rthae plans to expand its services to over 180 countries and regions worldwide, truly realizing its vision of “enabling anyone, anywhere, to conveniently use Rthae for digital asset trading”.





## Strategic Partnerships and Acquisitions

To accelerate the realization of its future goals, Rthae will actively seek strategic collaborations and industry consolidation opportunities. On one hand, Rthae will establish partnerships with more traditional financial institutions and tech giants, leveraging their respective strengths to expand new business scenarios. It will explore collaborations with major payment companies to issue co-branded crypto credit cards, allowing users to directly spend their exchange balances; or integrate with e-commerce platforms to support digital asset payments. On the other hand, Rthae does not rule out the possibility of mergers and acquisitions to strengthen its capabilities. If outstanding projects or regional trading platforms aligned with the strategic direction of Rthae emerge, Rthae will evaluate the feasibility of investing in or acquiring them to quickly gain technological expertise or market share.



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