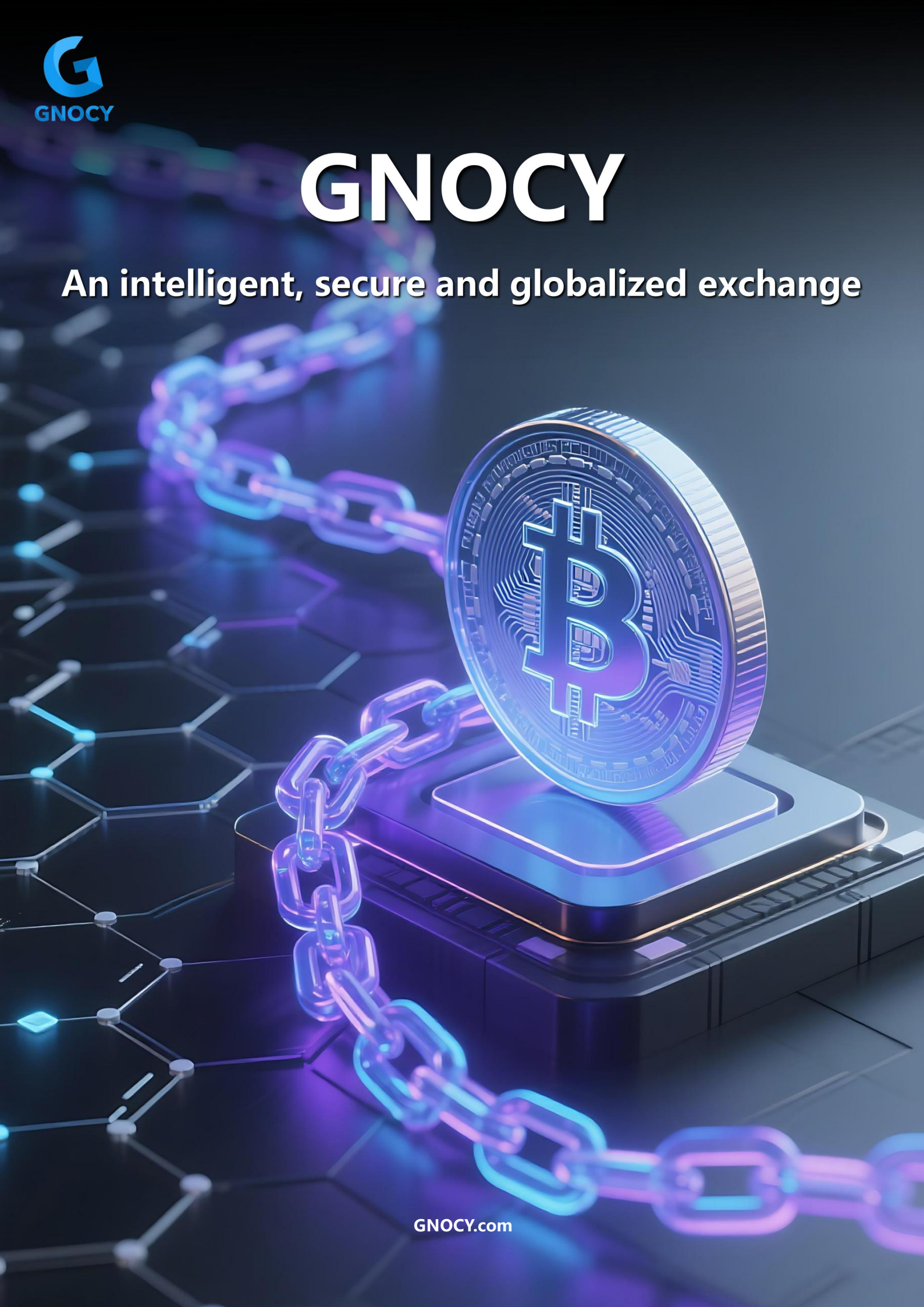




GNOCY

An intelligent, secure and globalized exchange



GNOCY.com

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Chapter 1 Overview of the development of digital currency market

1.1 Overview of digital currency

The origin of digital currency can be traced back to the 1990s. E-gold was one of the earliest forms of digital currency, but its popularity has been slow due to the limitations of related services. The development of Internet technology has gradually changed people's payment methods. The circulation of paper money has decreased and electronic payment methods have become more widespread. People's interest in digital currency has been reignited. In 2008, Satoshi Nakamoto published an article titled "Bitcoin: A Peer-to-Peer Electronic Cash System" on the Cryptography forum, which described a new currency called "Bitcoin" and its algorithm. In 2009, Satoshi Nakamoto released the world's first Bitcoin software, bringing the theoretical "Bitcoin" to life.

Since then, as the value of Bitcoin has soared, more types of digital currencies have emerged, such as Ethereum, Ripple, BNB, USDT, etc., disrupting the market in every way. In general, digital currencies have the following notable features:

- The code is tamper-proof.
- There are mechanisms in place to prevent users from using units they don't own.
- Limited supply, combined with the market's ability to break down circulation units into smaller parts when necessary.
- Transfer real value quickly and irreversibly over the Internet without the intervention of financial intermediaries.
- A decentralized trading network that provides security and transaction verification.
- An internal mechanism for new participants to join the network by providing computing power through their computers to keep the network running.

- Publicly available transaction information stored in a global public registry, equivalent to a general ledger.
- Personal security provided by public and private keys.
- An existing core consisting of core programmers and volunteers who develop code and ensure the stability and security of the network.

One of the main differences between digital currency and other payment methods is that it does not involve a third party, namely financial institutions, for settlement. For users, digital currency makes it possible to make fast, cheap payments between people and businesses without intermediaries (except Internet service providers) and without parties providing their personal data or information on the source of funds.

This does not mean that transactions cannot be traced when authorities investigate. Where necessary, the location of a transaction can be traced by referring to an electronic public registry, which is equivalent to a general ledger. From a business perspective, digital currencies represent a low-cost way of conducting financial transactions because they offer low-risk immediate settlement compared to refunds resulting from controversial or fraudulent credit card transactions.

As a means of payment, digital currencies are becoming increasingly popular because they offer quite interesting opportunities for investors, especially those with short-term investment intentions or even engaging in financial speculation - again due to volatility. Bitcoin is five to seven times more volatile against the dollar than fiat currencies in foreign exchange trading, according to a study by PWC. Investors have different views: some appreciate the value of the technology itself, the integrity of the cryptographic code, and the decentralized network. Others are more focused on its potential as an investment asset, believing that high volatility means high return opportunities. Despite regulatory uncertainties and market risks, digital currencies continue to attract global capital inflows, especially as their safe-haven attributes and appreciation potential are further magnified against the backdrop of rising inflation and turmoil in traditional financial markets.

The appeal of digital currency as a non-sovereign credit asset continues to grow, especially against the backdrop of a divergence in the pace of global economic recovery in 2025 and rising geopolitical risks. Investors increasingly see it

as a hedge against fiat currency devaluation and capital controls, and the maturity of blockchain underlying technology and the advancement of compliance also provide a basis for the massive entry of institutional funds. Despite still significant volatility, digital assets are gradually integrating into the mainstream financial system and becoming an indispensable part of global allocation as the derivatives market improves and custody mechanisms are sound.



1.2 The rapid development of the digital currency market

The total market capitalization of digital currencies has seen explosive growth over the past decade and will exceed \$2 trillion by 2025. As global financial institutions gradually embrace Bitcoin and other crypto assets, the influence of the crypto market is on par with that of traditional tech giants and has become an indispensable part of financial assets. In addition, the crypto ecosystem has shifted from being dominated by Bitcoin to a diverse ecosystem where multiple public chains and diverse narratives coexist, covering innovative applications such as CEX,

DEX, DeFi, AMA, NFTS, GameFi, and AI projects, and is influencing an increasing number of areas. The number of global crypto users has grown from 2 million in 2014 to 560 million in 2024, with a penetration rate of just 10.33%, showing great potential for growth. Despite Asia accounting for 58% of the user share, there are still huge growth opportunities in various regions around the world.

1) Building and maturing a diverse ecosystem

The digital currency market is gradually transitioning from a single Bitcoin-dominated model to a diversified ecosystem where multiple public chains coexist and multiple narratives coexist. In recent years, the rise of emerging public chains such as Ethereum has driven the widespread application of smart contract technology, providing technical support for the rapid development of innovative applications such as decentralized finance (DeFi), non-fungible tokens (NFTS), and GameFi.

The development of multiple public chains not only enriches the underlying architecture of blockchain technology, but also promotes technological competition and collaborative innovation. Bitcoin's blockchain technology is known for its high security, but the transaction speed is relatively slow. While public chains like Ethereum have enabled more complex deployment of decentralized applications by introducing smart contracts.

For example, Ethereum's ERC-20 standard provides a convenient template for token issuance, facilitating the rapid generation and circulation of various types of tokens. In addition, the continuous optimization of Layer1 public chains and the rise of Layer2 solutions, such as Ethereum's Optimistic Rollup and zk-Rollup technologies, have further increased transaction speed and reduced transaction costs, laying the foundation for large-scale commercial applications.

Currently, the digital currency market encompasses multiple areas of innovation, forming a rich narrative system:

- Decentralized exchanges (DEXs) : DEXs, represented by Uniswap, have broken free from the constraints of traditional centralized exchanges through automated market maker (AMM) mechanisms, providing users with a more disintermediated trading experience. The trading process does not require third-party custody, which not only improves trading efficiency but also reduces trading risks, attracting a large number of users to participate.

- Decentralized Finance (DeFi) : DeFi builds a variety of financial services such as lending, insurance, and derivatives through smart contracts. Lending protocols such as Compound and Aave, for example, use blockchain technology to achieve efficient lending and yield maximization of assets, providing users with a financial solution that does not require the intervention of traditional financial institutions.
- Non-fungible tokens (NFTS) : The emergence of NFTS offers a whole new way of confirming and trading digital ownership. It is widely used in areas such as digital art and game props. For example, digital artists can uniquely mark their works through NFTS and sell them, which not only protects the creator's copyright but also provides a new market for the trading of digital assets.
- GameFi: GameFi combines games with finance, allowing players to earn economic benefits in the game through tokenized incentives. Games like Axie Infinity have built a complete digital economy system through the breeding, fighting and trading of virtual pets, attracting a large number of users worldwide.
- The integration of artificial intelligence (AI) with digital currency: The application of AI technology in the digital currency field is becoming increasingly widespread. For example, analyzing market data through machine learning algorithms to predict the price movement of digital currencies and provide decision support for investors. At the same time, AI can also be used for automated governance of digital currency projects and risk assessment of smart contracts.

The coexistence of these multi-narratives not only expands the application scenarios of digital currencies but also promotes integration and innovation among different fields, providing a continuous driving force for the long-term development of the digital currency market.

2) The explosive growth in the number of global cryptocurrency users and market potential

The number of global cryptocurrency users has seen explosive growth over the past decade. From about 2 million users in 2014 to 560 million users in 2024, with an average annual growth rate of about 70 percent. This growth not only reflects the increasing global acceptance of digital currency, but also shows its huge

potential in financial accessibility and innovation.

In terms of geographical distribution, Asia dominates the global cryptocurrency user base at 58%. Asia, with its large population base and rapidly developing digital economy infrastructure, provides a solid foundation for the spread and application of digital currencies. For instance, in China, with the popularization of blockchain technology and knowledge related to digital currencies, an increasing number of investors are beginning to pay attention to and participate in the digital currency market. At the same time, some emerging market countries in Asia, such as India and some Southeast Asian countries, have shown significant advantages in areas like cross-border remittances and small payments in terms of economic activities.

Despite the rapid growth in the number of users, the average penetration rate of global digital currency users among Internet users is only 10.33%. This low penetration rate indicates that the digital currency market is still in its early stages of development and has great potential for growth in the future. With the maturation of digital currency technology, the expansion of application scenarios and the gradual improvement of the regulatory environment, it is expected that the number of users will continue to grow at a high speed in the future.

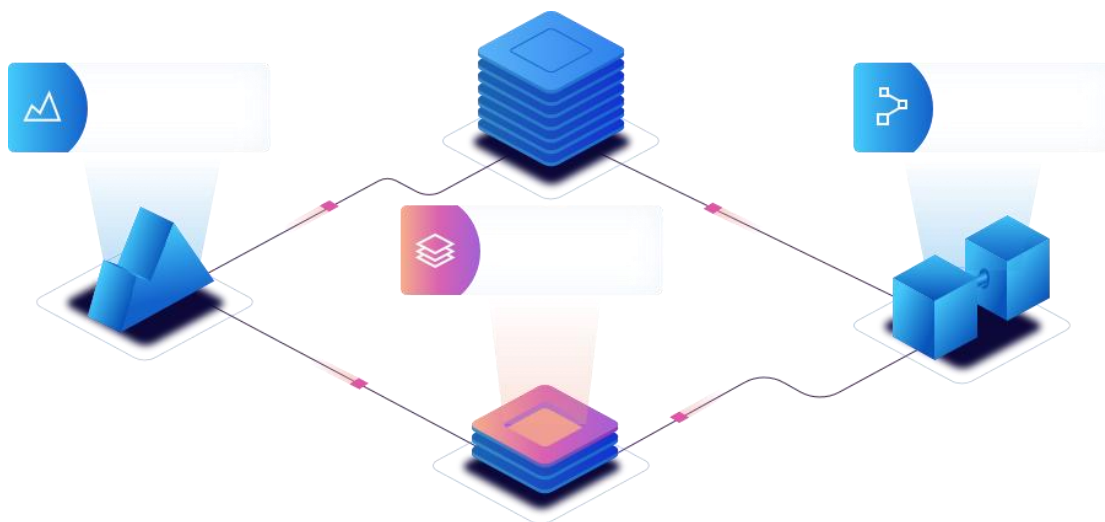
- **Enhanced technology maturity:** The development of Layer2 solutions and cross-chain technologies will greatly enhance the scalability and applicability of digital currencies. For example, Layer2 technology can significantly increase transaction speed and reduce transaction costs, making digital currencies more suitable for everyday payments and high-frequency trading scenarios.
- **Expanded application scenarios:** The application scenarios of digital currencies are extending from investment and speculation to a wider range of economic activities. For instance, some businesses have begun to embrace digital currencies such as Bitcoin as a means of payment, while the development of NFTs and GameFi has provided new business models for digital content and the virtual economy.
- **Improved regulatory environment:** Global regulators' attitude towards digital currencies is gradually moving from ambiguity to clarity. A sound regulatory framework will help regulate market order, protect investor rights and interests, and also pave the way for the legalization and mainstreaming of

digital currencies. For example, some countries have begun to formulate tax policies and investor protection regulations for digital currencies, providing legal safeguards for the development of digital currency markets.

Given the current development trend, the digital currency market will continue to maintain strong growth potential in the future and achieve more stable and sustainable development driven by both technological innovation and regulatory maturity.

With the popularization of digital currency technology and the enrichment of application scenarios, the number of users will further increase. The promotion of the digital currency market will expand from tech enthusiasts and investors to a broader group of ordinary users. For example, as digital currency payment solutions continue to be optimized, with the development of technologies such as the Lightning Network, digital currency will become more suitable for everyday payment scenarios and attract more ordinary consumers to use it. At the same time, the popularization of digital currency education will also increase public awareness and acceptance of digital currency, promoting further popularization and development of the market.

In the future, the digital currency market still has strong growth potential and is likely to continue to expand due to technological advancements and the maturation of the global regulatory environment. Innovations such as Layer2 solutions and cross-chain technologies are expected to further enhance the scalability and applicability of cryptocurrencies. At the same time, more traditional financial institutions are likely to launch crypto-related products, promoting further development of the global market.



1.3 Digital currency trading services market

The digital currency trading services market is gradually moving towards compliance and specialization. At the same time, specialized services such as institutional custody, market maker services and derivatives trading are emerging rapidly, driving the continuous improvement of market infrastructure. Trading platforms are no longer limited to buying and selling, but are evolving to offer a comprehensive range of financial services, including wealth management, lending, staking and more. In addition, the continuous improvement of the user experience and the popularization of multilingual, localized services have further lowered the threshold for global users to participate. It is expected that the trading service system will be more robust in the future, supporting the long-term prosperity of the digital asset ecosystem.

Digital currency trading platforms (exchanges), as the core carriers of digital currency trading services, undertake key functions such as asset pricing, liquidity supply and information transmission. At the same time, as an indispensable part of the blockchain and crypto world, digital currency trading platforms have unique resource advantages, are central hubs connecting project parties and investors, and play a significant role in promoting the development and evolution of the entire industry.

- **Transaction matching:** The platform provides transaction matching services for both buyers and sellers to ensure that transactions are completed efficiently and quickly. With advanced matching algorithms, the platform can match buy and sell orders in real time, improving trading efficiency and reducing trading delays.
- **Asset custody:** Many centralized exchanges offer asset custody services where users can store their digital currencies in the exchange's wallet for convenient trading. Exchanges often use a combination of multi-signature technology and cold and hot wallet storage to ensure the security of users' assets.
- **Fiat currency exchange:** Some exchanges support fiat currency trading, allowing users to purchase digital currencies with fiat currencies such as the US dollar, the Chinese yuan, etc. This service provides users with a more

convenient way to enter and exit, lowering the trading threshold.

- Real-time market monitoring: The platform provides real-time information on market prices, ups and downs, trading volumes, etc., to help users stay informed about market dynamics. With real-time market monitoring, users can grasp market trends in a timely manner and make more informed trading decisions.
- Data analysis and tools: Provide tracking and analysis of market data such as trading depth and volume to help investors make smarter decisions. Platforms typically offer a variety of analysis tools and charts for users to conduct technical and fundamental analysis.

In terms of functional classification, digital currency exchanges are mainly divided into two types: centralized exchanges (fiat exchanges, coin-to-coin exchanges, futures exchanges) and decentralized exchanges. For now, most of the digital currency exchanges in the market are centralized, so the security of assets is crucial for both the exchanges and the investors. As more and more people throw themselves into the blockchain and digital asset wave, they expect to get what they want, both in development and in assets. The existence of digital asset exchanges is for the secure circulation and exchange of digital assets, as well as for their preservation and appreciation.

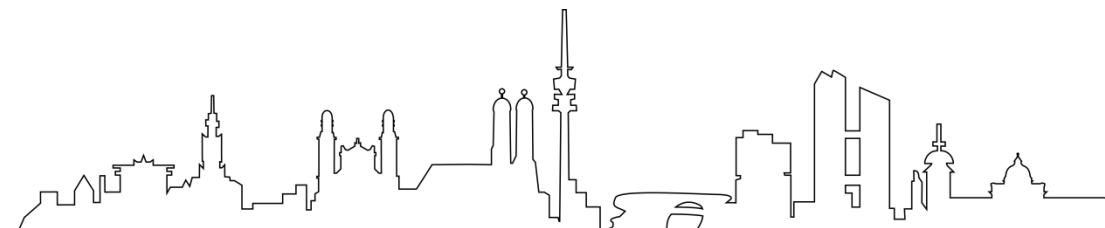
- Fiat currency and digital currency trading: Fiat currency and digital currency exchanges offer trading services between fiat currencies such as the US dollar and the euro and digital currencies such as Bitcoin and Ethereum. Trading between fiat currency and digital currency is mainly divided into two models: The first is in-exchange direct trading, where users can purchase digital currency directly with fiat currency within the exchange. This model typically requires users to complete strict KYC (Know Your Customer) and AML (Anti-Money Laundering) verification. The second type is over-the-counter (OTC) trading, where the exchange only provides matching services, and the transactions between buyers and sellers are completed entirely outside the exchange. OTC trading is typically suitable for large transactions where both parties can negotiate prices and transaction details, offering greater privacy and flexibility.
- Coin-to-coin exchanges: Coin-to-coin exchanges mainly offer trading and circulation among various types of digital currencies. Coin-to-currency

exchanges focus on conversions between digital currencies and have obvious advantages in terms of transaction efficiency and transaction costs. Investors can quickly convert their digital currencies directly into any of them, enhancing the liquidity of digital currencies.

- Digital Currency derivatives Exchange: The biggest feature of a digital currency derivatives exchange is that it allows for leveraged trading. Derivatives are structured rather complexly, highly volatile and risky compared to regular products. At the same time, digital currency derivatives exchanges have very high requirements for the founding team, which needs not only senior technical experience but also rich experience in trading financial products.

At present, in the entire field of cryptocurrencies, exchanges play the most crucial role in circulation, trading and value exchange. Therefore, as one of the most important circulation links in the entire cryptocurrency market ecosystem, exchange platforms have an irreplaceable and significant position. The most important role of an exchange is to deliver the value of the project's cryptocurrency to all investors and connect them tightly. With the development of cryptocurrencies, digital asset exchanges are also increasing.

In the future, trading service systems will be deeply integrated with the broader digital asset ecosystem, covering areas such as blockchain technology applications, distributed autonomous organization (DAO) governance, and digital identity authentication. This deep integration will prompt the trading service system to break through traditional boundaries and become the central nervous system of the digital asset ecosystem, providing efficient connections and value delivery for users, developers, regulators and other parties, supporting the long-term prosperity of the digital asset ecosystem, promoting the all-round development of the digital economy, and injecting strong impetus into global economic growth and financial innovation.



1.4 Web3 promotes the popularization of the crypto market demand

Despite the fact that the exchange market has been around for more than a decade, with the influx of massive traffic and the imperfection of regulatory measures, there are many pain points in the market, such as security challenges, insufficient market depth, backward infrastructure, stability challenges, user protection mechanism challenges, etc. These problems not only affect the user experience, but also restrict the further maturation of the crypto market. The market needs a model that is both convenient, low-cost and flexible to operate, as well as a trusted, stable infrastructure that can continuously generate revenue and has a sound exit mechanism. GNOCY, on the other hand, offers a new opportunity for market change and generates more token appreciation and trading returns for investors, satisfying market demand to a greater extent and providing a new opportunity for market change.

At present, with the application of Web3 technology, the digital currency exchange market has also ushered in new development opportunities. Web3 is a new era characterized by decentralization, digitalization and intelligence, and blockchain technology is one of its core driving forces. In this era, people are beginning to attach importance to the security and privacy of personal data, and trust in decentralized finance is on the rise. Digital currency trading platforms, as the key infrastructure for the circulation of digital assets, will play a crucial role in this era.

The Web3 era has arrived, and decentralization, transparency and openness have become the new main themes. A diversified trading ecosystem based on Web3 has emerged, which will redefine digital currency trading. Overall, Web3 will drive the development of digital currency trading markets in two ways:

1) The impact of Web3 on trading platforms

Web3's idea of decentralization has had a profound impact on the development of digital currency trading platforms. Traditional centralized exchanges are facing an increasing number of challenges, and users are seeking more secure, transparent, and efficient decentralized solutions. Decentralized exchanges (DEXs) have emerged in this context, reducing reliance on centralized institutions through smart contracts and on-chain transactions.

Web3 also brings broader capabilities to trading platforms, such as cross-chain interoperability, digital identity management, and distributed autonomous organization (DAO) governance. These innovations not only enable users to manage their assets more flexibly, but also enhance the transparency and fairness of the platform.

2) New business models brought by Web3

Web3 technology also brings new business models to digital currency trading platforms. For example, platforms can engage users in governance and decision-making by issuing platform tokens. In addition, some decentralized platforms reward users for providing liquidity through "liquidity mining" and "staking" mechanisms, thereby increasing transaction depth and platform stickiness.

Another notable Web3 innovation is DAO governance. A DAO is a blockchain-based decentralized organizational structure where users of the platform can participate in the platform's decision-making and governance by holding tokens. This model not only increases user engagement but also provides more democratic options for the platform's direction of development.

The combination of Web3 and digital currency trading platforms marks a new round of transformation in the fintech field. Web3 technology gives users more autonomy and security through decentralization, smart contracts and blockchain technology, while digital currency trading platforms provide more efficient financial services to users around the world through innovative business models and technological means. In the future, as the technology matures and the regulatory framework improves, Web3 and digital currency trading platforms will play an increasingly important role in the global financial system. Both individual users and institutional investors are expected to benefit from this transformation and experience more secure, transparent and efficient financial services.

Based on the actual market demands, the GNOCY team, with the core value pursuit of building a secure, stable, fair, transparent and extensive trading depth exchange, created the world's leading cryptocurrency trading platform - GNOCY, with the aim of creating a new ecosystem of one-stop digital currency trading for global users.

Chapter 2 An Overview of the GNOCY Platform

2.1 Introduction to GNOCY

GNOCY is not just an exchange, but a leader in the new global digital finance ecosystem, a super hub that connects different trading entities around the world and meets diverse needs. Committed to providing a new smart, secure, global investment experience for users and investors around the world.

Since its inception, GNOCY has been committed to driving service upgrades through technological innovation, building a decentralized trading architecture based on technologies such as Web3 and intelligent algorithms, and fully ensuring user asset security and trading transparency. The platform deeply integrates smart contracts, cross-chain communication and DAO governance mechanisms to achieve a dual improvement in transaction efficiency and user autonomy. With a global node layout and a high-performance matching engine, it supports seamless circulation of assets across multiple chains and continuously expands the depth and breadth of transactions. At the same time, GNOCY is actively practicing compliance development, working with international regulators to promote the standardization of digital finance, and is committed to building a trusted global digital asset trading infrastructure.

Currently, GNOCY has established a global trading network:

- Eight years of industry expertise and technological accumulation have laid a solid foundation for the platform's steady operation.
- More than 1 million core active customers, daily transaction volume exceeding \$5 billion, and support for asset interaction on more than 30 mainstream and emerging public chains.
- With 13 offices around the world, it has a deep presence in key markets such as Asia-Pacific, Europe, the United States and the Middle East, and has established deep partnerships with local regulators, financial institutions and technology companies to jointly promote the compliance process of digital

assets.

- More than 2,000 employees form operations and technology teams across the globe, continuously optimizing platform performance and user experience. GNOCY adheres to the principle of "user first, security first", builds a multi-level risk control system and 7 × 24-hour all-weather monitoring mechanism to ensure the stability and fairness of the trading environment.
- Diversified services cover more than 90 ethnic groups worldwide, catering to the language habits and trading needs of users with different cultural backgrounds, providing localized interfaces, customer service support and compliant financial products. Continue to promote financial inclusion, reach emerging market users through a mobile-first strategy, help the non-bank account population access the global digital financial system, and build an open, inclusive and sustainable crypto investment ecosystem.

In terms of business services, GNOCY offers secure and reliable digital asset trading services including spot trading, derivatives trading, OTC trading, value-added services (lending, staking, wealth management), API and institutional involvement.

- Rich range of trading options: Support hundreds of digital asset contracts for trading. Any long or short position, flexible leverage, magnify returns;
- Multiple digital asset settlements: Stablecoin contracts use USDT as margin, and coin-base currencies use digital assets as margin for trading;
- High liquidity: Helps with price discovery, closely monitoring the coin-to-coin trading market: Liquidity provided by outstanding market makers in the industry, along with a full VIP level to reduce trading costs for users.

In addition, GNOCY is building a top-notch international community that attracts high-quality international blockchain public chains, international financial institutions, international digital asset regulators, outstanding international tech personnel, and on-chain demanders from various physical industries around the world to join the community organization to drive the global proliferation of the community and trading products.

In the future, GNOCY will continue to lead the trend of digital currency trading and investment, providing global users with smarter, more efficient and secure global digital asset trading services to help the digital currency market thrive.



2.2 Background and Qualifications

GNOCY was initiated by the US GNOCY Crypto Fund and created in collaboration with top global capital, technology, and community teams.

GNOCY Crypto Fund was founded and registered in the United States (headquarters address:) 700 17th Street, Denver, CO 80202, US), licensed by MSB and SEC, is a comprehensive financial fund with extensive influence and a good reputation in the crypto market, including an experienced financial broker and crypto asset management services. With branches and offices in international

financial centers such as Tokyo, Singapore, Hong Kong, Canada and Sydney, the management team has more than 10 years of experience in operating global financial markets.

Since its establishment, GNOCY Crypto Fund has served over 2,500,000 clients and has grown into a large and well-known international crypto investment fund in various regions, becoming one of the well-known brokers in the industry. In addition, as a compliant crypto fund, GNOCY Crypto Fund adheres to strict laws, regulations and regulatory requirements. Take measures such as KYC to ensure the legitimacy of user identities and the compliance of transactions. At the same time, a sound risk control system has been established to ensure the security and stability of the trading platform and provide users with a reliable trading environment.

In the future, the GNOCY Crypto Fund will continue to drive innovation and application of blockchain technology and digital currency trading, and provide customers with intelligent, secure, global investment experience solutions through the GNOCY platform. By integrating technology, help the market optimize its business in areas such as data security, transparency and smart contracts, and enable clients to thrive in the digital age.



2.3 GNOCY Platform Vision

GNOCY's vision is to build a value network highway that links digital currency trading to investment. This "highway" is not just a fast lane for top-tier trading, but an accelerator for market-making and liquidity solutions. By integrating global resources and connecting traders from different countries and regions, it enables seamless trading and value flow across markets, assets, and protocols. Whether professional institutional investors or individual crypto investors just entering the market, they can find trading strategies and investment opportunities that suit them on the GNOCY platform.

- Anti-censorship: Since there is no centralized entity in GNOCY to monitor and control trading, this mechanism will ensure stronger anti-censorship capabilities, that is, it can effectively avoid any malicious shutdowns and censorship imposed by any authority on the exchange.
- Real-time asset and trading data query verification: GNOCY will be the world's first real-time, open and transparent trading community. The most important reason why traditional types of exchanges cannot achieve transparency in assets is that they are constrained by technology. The advent of blockchain technology has made that technically feasible. GNOCY's mission is to turn that feasibility into real practice. GNOCY will establish a real-time asset and transaction data query verification mechanism and make it public.
- Asset security Assurance: Security is the top priority for digital asset trading. GNOCY uses a security design based on multi-signature, offline signature, hierarchical architecture, etc., to store 90% of digital assets in cold wallets, ensuring the security of digital assets. At the same time, on the GNOCY platform, both parties can choose privacy-protected transactions. It can provide privacy protection for the transfer and transaction of digital assets. Be able to provide anonymity protection for digital asset holders.
- Multi-asset intercommunication trading and cross-chain support: GNOCY can connect to existing major digital token networks to complete asset exchange without changing the original chain mechanism. New digital token networks can also be connected to GNOCY at an extremely low cost.

- Comprehensive risk control and protection: The GNOCY platform is constantly strengthening its security protection system, implementing security requirements step by step, gradually building a future-oriented traffic security system, endogenous aggregation of transaction security technology and data environment, endogenous aggregation of blockchain network security operation and data operation and application development, and conducting practical, systematic and regular security monitoring, Build an on-chain security defense system featuring dynamic defense, proactive defense, deep defense, precise protection, holistic control and joint prevention and control.

In the future, GNOCY will continue to optimize its decentralized architecture, enhance network consensus efficiency and node collaboration capabilities, and launch a cross-chain liquidity pool incentive program to attract more market makers and developers to jointly build a multi-chain asset interconnection ecosystem. To enable global investors to participate in the flow and value creation of multi-chain assets without barriers and share the open dividends of decentralized finance.

2.4 Platform advantages are demonstrated

With its outstanding trading performance and strong service network, GNOCY is providing millions of users worldwide with secure and reliable digital asset trading and asset management services.

1) Financial-grade security

Security is one of the top concerns for users in digital asset trading. GNOCY is well aware of this, and thus makes financial-grade security one of its core strengths. The platform is equipped with a comprehensive financial risk control system and advanced anti-theft technology to ensure the safety of users' assets.

By combining cold and hot wallets, GNOCY stores most of its funds in the offline cold wallet and transfers them to the online hot wallet for transactions only when necessary, significantly reducing the risk of funds being stolen. In addition, the platform has adopted a multi-signature system, where each transaction requires multiple authorized signatures to be completed, further enhancing the

security of funds. These measures together form a solid security line, allowing users to trade and invest with peace of mind.

2) Ultra-fast deposit and withdrawal

In the digital currency market, timing is everything. GNOCY is well aware of the importance of speed and is committed to providing users with super-fast recharge and withdrawal services. The platform has optimized the transaction process so that top-up and withdrawal operations can be completed in as fast as 3 minutes, a speed that leads the industry. To ensure smooth transactions, GNOCY also has a 24-hour human online review team.

At all times, users can receive prompt responses and support to ensure that their transaction requests are processed quickly. This efficient service not only enhances the user experience, but more importantly, it helps users seize market opportunities and not miss any investment opportunities.

3) Global services

The global business service network coverage of the GNOCY platform is another major advantage. The platform has a wide range of services, covering more than 130 countries and regions around the world and serving millions of users globally. This means that users can easily invest in global crypto assets and trade with other global users through the GNOCY platform, no matter where they are. This global service network not only broadens users' investment horizons, but also provides them with more diverse investment options. Users can access crypto assets from various countries and regions here, seize investment opportunities in the global market, and achieve global asset allocation.

4) Select assets carefully

Among the numerous crypto projects, how to select the quality and reliable ones is a headache for many investors. GNOCY platform solves this problem for users through its professional team and rigorous screening mechanism. The platform conducts in-depth research and evaluation on every crypto project that comes online, conducting rigorous reviews from multiple dimensions such as the project's team background, technical strength, market prospects, and white paper. Through this process, GNOCY is able to filter out 80% of extremely risky projects for users and only select high-quality projects that have potential and are safe and

reliable to go live. This strict control over asset quality not only reduces users' investment risks, but also helps them make wiser investment decisions in a complex market environment, ensuring that users' investments are safer and more stable.



Chapter 3 GNOCY Services Module

3.1 Service Positioning and Functional Architecture

GNOCY is positioned as an intelligent, secure, global exchange dedicated to providing users with a one-stop service for digital asset trading, management, and analysis. By integrating trading, asset management and data analysis at its core, GNOCY not only meets users' basic trading needs, but also provides advanced asset management and intelligent investment advice to form a complete and efficient digital asset ecosystem.

GNOCY's functional architecture revolves around three core elements: trading, asset management, and data analysis. Each system has unique features that together form a closed-loop ecosystem that meets users' diverse digital asset needs.

1) Trading

Trading is the core feature of GNOCY, supporting trading in a variety of digital currencies, including spot trading, derivatives trading, and OTC trading.

© Spot trading:

- Rich trading pairs: Offer spot trading pairs for over 500 digital currencies, including major cryptocurrencies such as Bitcoin (BTC), Ethereum (ETH), Litecoin (LTC), and many emerging altcoins.
- Efficient trading system: Equipped with an advanced matching engine to ensure fast execution and low latency of trades. Supports one-click trading, facilitating users to complete trading operations quickly.
- Security and transparency: All transactions are conducted in a transparent environment where users can view transaction records and market depth in real time.

Derivatives trading

- Contract trading: Supports multiple digital asset contract trading, allowing users to go long or short and flexibly use leverage to magnify returns.
- Multiple settlement options: Trading in stablecoin contracts (such as USDT) and coin-based contracts (such as BTC, ETH) to meet the needs of different users.
- Risk management tools: Provide risk management tools such as stop-loss and take-profit to help users control trading risks.

© Over-the-counter trading:

- Large-value trading services: Providing large-value digital asset trading services for institutional investors and high-net-worth individuals, facilitating the exchange of fiat currency to digital currency.
- Customized services: Provide customized trading solutions to meet users' specific needs.
- Security and Privacy: All OTC transactions are conducted in a secure environment to protect users' privacy and the security of their funds.

2) Asset management

Asset management provides users with comprehensive asset management and value-added services, including lending, pledging and wealth management.

© Wallet Services:

- Multi-wallet support: A wallet service that supports multiple digital currencies, allowing users to securely store and manage their digital assets.
- Cold wallet storage: Using cold wallet technology to ensure the security of users' assets.
- Asset Tracking: Provides real-time asset tracking capabilities, allowing users to view their asset balance and transaction records at any time.

© Lending services:

- Flexible Lending: Supports users to borrow with digital assets as collateral, offering flexible borrowing terms and interest rates.
- Risk Assessment: Through an advanced risk assessment system, ensure the security of lending transactions.
- Multi-currency support: Lending services that support multiple major digital currencies.

© **Staking Service:**

- Stable returns: Users can stake their digital assets on the platform to earn stable returns.
- Liquidity support: Provide liquidity support to ensure that users can redeem staked assets at any time when needed.
- Multiple staking options: Support multiple staking options to meet the needs of different users.

© **Wealth management services:**

- Diverse wealth management products: Offering a variety of wealth management products, including fixed-income and floating-income products.
- Risk control: Ensure the safety of wealth management products through strict risk control mechanisms.
- Yield Optimization: Use AI technology to optimize the returns of wealth management products and provide users with the best investment options.

3) Data analysis

Data analysis uses advanced AI technology to provide users with market trend predictions and investment advice.

© **Market trend forecasting:**

- Real-time data analysis: Provide users with the latest market trends by

collecting and analyzing market data in real time.

- AI Predictive models: Use advanced AI predictive models to provide accurate predictions of market trends.
- Multi-dimensional analysis: Analyze from multiple dimensions such as technical analysis, fundamental analysis, and market sentiment to provide users with comprehensive market insights.

Investment advice:

- Personalized investment plans: Provide personalized investment plans based on users' risk preferences and investment objectives.
- Smart Portfolio: Use AI technology to optimize portfolios to help users maximize returns.
- Risk Alerts: Provide real-time risk alerts to help users adjust their investment strategies in a timely manner.

© Data visualization:

- Intuitive chart presentation: Present market data and analysis results through intuitive charts and graphs for quick user understanding.
- Real-time data updates: Ensure real-time data updates to help users make decisions in a timely manner.
- Multi-terminal support: Supports multiple terminal devices, including desktop, mobile, and web.

GNOCY is positioned as a comprehensive digital asset trading platform, with a functional architecture covering three major modules: trading, asset management, and data analysis. By integrating these three modules, GNOCY not only meets users' basic trading needs, but also provides advanced asset management and intelligent investment advice to form a complete and efficient digital asset ecosystem. The construction of this closed-loop ecosystem can help users better manage their digital assets, optimize investment strategies, and enhance trading efficiency, thus standing out in a highly competitive market.

3.2 Core Trading Module

3.2.1 Spot Trading

Digital currency spot trading refers to the trading of digital currencies on an immediate settlement basis. Spot trading includes both on-exchange and over-the-counter forms. Spot trading of digital currencies can generally take place in both the coin-to-coin market and the fiat market. On-exchange trading provides immediate price matching to ensure efficient trading; Over-the-counter trading allows users to customize their trading conditions, offering greater flexibility. GNOCY supports spot trading of a variety of major digital currencies, providing real-time market data and deep data to ensure trading transparency and security. By optimizing the trading process, reducing trading costs and enhancing the user experience.

1) Spot trading rules

- **Trading hours:** Digital currencies are traded globally 7*24 hours a day without market closure. All transactions follow the T+0 (Trade+0 is executed on the same day) system, allowing you to buy and sell at any time and execute immediately.
- **Trading direction:** Digital currency spot trading has only one trading direction - buy the asset and sell it when the price goes up to earn the difference. Compared with leverage, contracts can be short, there are two trading directions: buying and selling when the price rises, or selling and buying when the price falls to earn the price difference.
- **Trading pair:** In digital currency trading, a trading pair is made up of one underlying currency and one pricing currency. For example, a BTC/USDT trading pair is formed by BTC and USDT together. The pair indicates that if you hold USDT, you can trade BTC with USDT, and vice versa, if you hold BTC, you can trade USDT with BTC. In a typical trading pair, the first currency is the underlying currency and the second currency is the benchmark currency. At the same time, stablecoins (USDT, etc.) and mainstream coins (BTC, ETH, etc.) are often used as the currency for pricing.

GNOCY offers trading services for the most widely accepted cryptocurrencies themselves, including spot trading services for mainstream tokens such as BTC, ETH, TRX, XTZ, ADA, YFII, MLN, YFI, MATIC, etc. Users can directly exchange their fiat currency for mainstream digital assets such as BTC, ETH, USDT in the trading area, and it already supports the vast majority of the diverting fiat currencies on the market. At the same time, the platform also offers a trading matching service. When a user buys any currency on the platform, the platform will automatically match the exchange with the lowest current price of the purchased currency for buying. When selling, the platform matches the exchange with the highest global price to sell, supporting millions of matching requests per second, providing a higher quality over-the-counter trading experience for global users.

2) Coin to coin trading

GNOCY connects to the entire network's cryptocurrency trading through an API interface, providing investors with abundant digital asset trading opportunities. The coin-to-coin trading area is divided into three sections: mainstream coin section, potential coin section, and new coin section, and supports trading of all major coins on the market. The transaction price can be either market price or limit price, and users can trade according to their own needs. GNOCY will also provide real-time alerts to prevent abnormal market price fluctuations and personal financial losses caused by incorrect orders placed by users. A trading market that supports multiple major currencies such as USDT, BTC, ETH, etc. For example, when a user holds USDT, they can use USDT to purchase any currency that supports USDT trading pairs, and so on.

GNOCY coin trading process example:

Step 1: Open the GNOCY website and enter the trading section.

Step 2: Select the trading area (e.g., the BTC trading area is for other currencies relative to BTC), and choose the coin pair you want to trade.

Step 3: Choose to buy or sell the corresponding currency, and the order type can be limit order, advanced limit order, etc.

Take a limit order as an example. Enter the price and quantity of the currency you want to buy and click Buy to purchase the corresponding virtual currency. In coin-to-coin trading, the fee is charged based on the quantity of the currency

purchased.

GNOCY coin-to-coin trading already supports hundreds of mainstream coins such as LTC/BTC, ETH/BTC, BCH/BTC, ETC/BTC, BTC/USDT, LTC/USDT, ETH/USDT, BCH/USDT, ETC/USDT, BTC/BTC, ETH/ETH, ETC, More coin-to-coin pairs will be expanded in the future.

3.2.2 Derivatives Trading

GNOCY 's derivatives trading includes digital currency-based contract trading, options trading, ETF trading, etc.

1) Contract trading

GNOCY offers trading services for a variety of contract types. GNOCY has managed to control losses in contract trading.

© Second Contract

GNOCY is creating more opportunities for players in the second contract market to help them make profits.

Here's how GNOCY plays the second contract:

- On the GNOCY platform, users must first select the digital currency they want to trade (such as BTC, ETH, LTC, BCH, EOS, XRP), and the trading time interval can be as short as 1 minute, 3 minutes, 5 minutes, or as long as 60 minutes;
- Then for risk control, set the transaction amount within the user's controllable risk range and set the take-profit and stop-loss;

GNOCY will conduct technical analysis of the directional trend of currencies through its self-developed intelligent system, providing users with a basis for accurately judging the direction of rise and fall, and placing orders based on the analysis.

- After placing an order, the system will automatically count down, and when the specified time comes, the system will automatically settle the profit or loss to the trading account.

GNOCY uses a brand-new model, high-frequency trading, and matching engine to stably support large volumes of data, high performance, and high concurrency; With a distributed architecture, market data and deep data are launched rapidly, the front end uses a firewall to prevent attacks, and the back end is deployed in a covert and separated manner; MD5+RSA (asymmetric encryption algorithm) ensures account password security, and OSS+CDN static file acceleration ensures data file security. At the same time, it integrates five major systems including the trading system, financing system, investment system, tool system, and extension system, endowing the system with powerful integration and extension features. In addition, backed by strong financial strength and legal compliance operations, GNOCY is making it easier, faster and more efficient for users to make profits.

© Perpetual contracts

The GNOCY platform supports USDT margin perpetual contracts in a posid-by-position mode, allowing users to choose to buy long or sell short contracts to gain from the rise/fall of the digital asset price by judging the rise/fall. Perpetual contracts have no delivery date and users can hold them all the time. Contract trading rights and profit/loss calculation:

- Account equity: USDT-based perpetual account equity, which is the total equity of the USDT-based perpetual account for that currency. Account equity for each type of contract is calculated independently and does not affect each other. The calculation method is: Total USDT perpetual account equity = account balance + unrealized profit or loss.
- Account balance: Account balance refers to the number of coins held by the user in the USDT-based perpetual contract account.
- Unrealized profit or loss: Unrealized profit or loss is the profit or loss of the position currently held by the user in that type of USDT perpetual contract. Unrealized profit or loss changes with the latest transaction price.

Unrealized profit or loss for long positions = $(1/\text{average holding price} - 1/\text{latest trading price}) * \text{number of contracts in long positions} * \text{contract face value} * \text{latest trading price}$

Open position unrealized profit or loss = $(1/\text{latest price} - 1/\text{average price}) *$

number of open positions * contract face value * latest price

2) Options trading

GNOCY builds a continuous, transparent, low-friction, non-discriminatory options trading environment and an innovative binary options trading market based on digital currency.

GNOCY Binary Options is committed to providing customers with the best options products and the best trading tools. Investors can trade short options from 60 seconds to 300 seconds, classic binary options from a few minutes to a day, and long options from days, weeks to months at GNOCY. At the same time, GNOCY Binary Options is committed to providing customers with professional and detailed information services, including a series of detailed, professional and considerate services such as 12-hour online customer service, free trading assistant, daily trading strategy trading, third-party real-time order calling service, order appeal processing, etc.

The characteristics of GNOCY options trading are also those of traditional financial market options exchanges:

- Limited losses, unlimited gains
- Leverage that won't cause a margin call
- Multi-dimensional profit channels
- A diversified investment strategy

Why is it called leverage that won't cause a margin call? Take call options as an example: Before the option is exercised, as long as the price of the digital currency rises back to the ideal price of the right holder before the exercise, regardless of how much the price fluctuated before, the contract right holder can obtain the exercise benefit. As long as you look in the right direction, before exercising the option, no matter how much the price of the digital currency fluctuates, it will not affect the user's option contract. Options trading is a good investment option for both low-risk investors and those seeking to make a big profit with a small investment.

In the future, when GNOCY 'more diversified options trading is launched, there will be an options launch event in the community, and there will be generous rewards. As the variety of digital currency investments continues to increase, it will become more difficult for users to understand and choose investment options. We work with major exchanges and well-known experts in the industry to introduce index and portfolio investment tools, taking advantage of the strong trend of index products, effective technical analysis, and the ability to avoid black swan events of individual varieties to help users trade better.

3) ETFs

GNOCY has specifically launched ETF (Exchange Traded Fund) trading services based on Bitcoin (BTC) and Ethereum (ETH). This innovative financial product combines the stability of traditional financial instruments with the high growth potential of cryptocurrencies, providing investors with a new way to participate in the cryptocurrency market in a strictly regulated environment.

Product Features:

- Tracking Bitcoin price performance: GNOCY offers Bitcoin, Ethereum ETFs designed to closely track Bitcoin's price performance, allowing investors to invest in Bitcoin indirectly through traditional financial instruments.
- Physical Bitcoin Backing: The ETF is fully backed by physical Bitcoin, which is held by the world's top cryptocurrency custodian to ensure the security of the asset.
- Low transaction costs: Bitcoin, Ethereum ETFs have lower transaction costs compared to traditional cryptocurrency trading, and the trading process is more transparent.

Investment advantages:

- Diversified portfolio: Bitcoin, Ethereum ETFs offer investors a convenient way to incorporate Bitcoin into their portfolios, helping to diversify their asset allocation.
- Reduce risk: Through the structure of the ETF, investors can reduce the risk of holding Bitcoin directly while enjoying the potential gains from the price

increase of Bitcoin.

- Compliance: GNOCY offers Bitcoin and Ethereum ETF trading services that comply with strict regulatory requirements, providing investors with a safe and compliant investment environment.

GNOCY's Bitcoin and Ethereum-based ETF trading service offers investors a new way to participate in the cryptocurrency market in a strictly regulated environment. Backed by physical Bitcoin and Ethereum, along with low transaction costs and a transparent trading process, GNOCY's ETF trading service not only reduces investors' risk but also offers them a diverse investment option. Combined with GNOCY's powerful trading performance, data analysis capabilities, and strict security and compliance measures, investors can invest with greater confidence and increase the value of their assets.

3.2.3 OTC trading

OTC (Over-the-counter) trading refers to purchasing without going through a trading platform. OTC trading is a form of advertising, featuring two-way trading, free buying and selling, and is safe and reliable. To meet the diverse trading needs of users worldwide, GNOCY has established a system for offline purchase of digital currency that is independent of the exchange. Everyone can post buy/sell advertisements in the OTC trading advertising area on GNOCY. Buy/sell users make the purchase/sale offline and confirm on the platform after the transfer is completed. After clicking to confirm, the platform will transfer the seller's digital currency to the buyer. GNOCYOTC trading ads can build a reputation system for each user.

In addition, GNOCY has expanded into C2C trading. C2C trading is also a form of over-the-counter trading, an existence that sets the stage for coin-to-coin trading. Basically, it can be said to be a channel that provides recharge manifestations, a way for merchants to enter, and some ways of recommendation matching. The platform does not come into contact with funds and is an upgraded version of over-the-counter trading. GNOCY's C2C trading area is a place for digital currency buyers and sellers to post information, where both parties post trading advertisements for buying and selling on the platform as needed. Similar to the "e-commerce" model, when a buyer "buys" a certain amount of digital currency, the GNOCY platform locks the seller's digital currency. According to the agreed payment method, the buyer pays the seller US dollars or other sovereign currency

and confirms the completion of the payment. Upon receipt of the payment by the seller, the transaction is confirmed successful and the GNOCY platform automatically releases the locked digital currency to the buyer.

For beginners, the first step in initiating digital asset trading is to purchase a digital asset. At present, some digital asset trading platforms have overly cumbersome operations for buying and selling digital assets. To make it more convenient for novice users to buy and sell digital assets, GNOCY enables one-click coin buying, allowing more people to easily participate in the crypto business.

In the future, GNOCY will continue to open up legal fiat currency channels in various countries and provide fiat currency deposit, withdrawal and settlement services by well-known banks, and will soon launch fiat currency trading pairs. The fiat channels and fiat trading pairs will bring a large number of new users to the exchange. GNOCY will draw on the resources of traditional finance and the advantages of large institutions, have a more sensitive sense of legality and compliance with regulations, and have stronger support in financial licenses and traditional banking channels.



3.3 Value-added Services

Based on the core trading module, GNOCY also offers value-added services including lending, staking, wealth management, etc. to users with different needs.

3.3.1 Lending Services

GNOCY conducts short-term lending and financing matching services based on digital currency assets within a controllable value range.

1) Details of GNOCY lending implementation

The loan contract must be completed on the GNOCY platform. First, both the lender and the borrower need to register a platform account on GNOCY and then log in to the platform; The loan advertisements posted by both lenders and borrowers on GNOCY are open, transparent and highly personal. Both lenders and borrowers can post advertisements for borrowing or lending based on their own circumstances. The content includes information such as interest rates, loan terms, maximum loan amounts, etc. The digital assets of both lenders and borrowers are highly volatile in price, so GNOCY does not assume the investment risk of price fluctuations. Both parties trade and lend within their capabilities, and the GNOCY platform only endorses the security of both parties' assets and does not guarantee the risk.

2) Borrowing business process

- Both borrowers and lenders register platform accounts and log in to the GNOCY platform.
- Lenders post loan advertisements based on their business scope, including interest rates, loan terms, and maximum loan amounts. Borrowers issue loan advertisements based on their own financial needs, including the amount, repayment period, maximum loan amount, etc.
- Both lenders and borrowers see each other's ads, choose products that meet their needs, and have anonymous chats and sign electronic contracts on the platform.
- The borrower collateralizes the corresponding digital asset into the corresponding asset pool of the platform.
- After receiving the pledged assets, the platform notifies the lender that the loan can be disbursed.

The lender disburses the corresponding amount to the borrower and provides the corresponding vouchers. After verification by the system, the contract is finally established.

3) Repayment process

- The borrower platform views the principal and interest of the loan.
- According to the required repayment funds, fees and interest.
- The platform confirms receipt of the digital asset (such as USDT), and based on the borrower's good credit and normal repayment, the platform rewards the corresponding digital asset (such as USDT), and the contract ends.
- The system calculates the platform fee and the lender fee based on the time of the payment voucher.
- The platform pays the corresponding value of the digital asset (such as USDT) as needed and pays to the lender, and the contract ends.

4) Renewal or early repayment process

- The borrower submits the application 3 days in advance and waits for a reply from the lender.
- If the lender does not agree to renew the loan, the original contract will be followed.
- If the lender agrees to the renewal request, the contract period and interest due will be extended on the original basis.
- Early repayment requires the borrower to apply in advance. If the lender agrees, the contract can be terminated early; if not, the original contract must be followed.

5) Business process for overdue payments

- Trigger the risk alert system 5 days after the staked digital asset reaches the repayment period.
- The platform system automatically notifies the borrower to make the repayment.
- If the debt is not repaid by the due date.

The platform directly deducts the digital assets pledged by the borrower and

gives them to the lender.

6) Credit big data sharing model and credit lending

GNOCY 's lending service itself is a credit-based digital asset pledge loan, and its own users accumulate corresponding credit values through business transactions. Credit value is an important criterion for a user, which helps to accumulate data on quality customers, thereby converting quality data into precise customer resources.

- Users accumulate relevant credit by participating in lending activities on the platform.
- GNOCY users can take out unsecured or low-secured credit loans based on their credit coefficient.
- GNOCY premium users can participate in premium financial platform projects connected to the platform and enjoy the best participation qualifications.

High-quality credit users have the opportunity to participate in the management of the fund.

3.3.2 Staking services

GNOCY, through the liquidity creation of Staking (staked), also acts as a liquidity provider and will continue to provide liquidity creation and yield integration to the market through Staking mining. Get more investors and institutional users:

- Secure and reliable access to the DeFi 3.0 world using institutional-scale infrastructure GNOCY for managing digital assets;
- Access trusted partners in staking, packaging, staking, and governance applications via API.

Unlike most current DeFi projects, GNOCY has a comprehensive layout that almost covers several of the main scenarios of Staking, namely liquidity creation, LP mining, wealth management, network governance, and one-click aggregation.

- GNOCY creates a one-stop Staking aggregation that lowers the threshold for

users and meets the all-round investment needs of funds. Now it's hard for users to spend a lot of time researching and operating each DeFi project, or spending time operating in the primary and secondary markets. With GNOCY, you can invest in the primary market quotas of high-quality cooperative projects (DeFi, NFTS, Gamefi, SocialFi, etc.).

- Leverage the power of the community to discover market best strategies the fastest. We allow users to participate in community governance by providing strategies through Staking, and selected strategy providers can share the benefits in the strategy pool, which effectively incentivizes users to provide strategies. Good strategies will attract more users.
- Make your product design more user-friendly. For a long time, the high threshold of DeFi has prevented many users from entering. GNOCY lowers the participation threshold by simplifying operations and optimizing design. For example, we launched on mainstream public chains in the early stage and implemented DeFi aggregation in the second stage, which is further optimization on the basis of laying a good foundation to help users better participate in the Staking world. Users can enjoy a variety of DeFi services without having to jump across multiple platforms. At the same time, we connect various products through innovation to maximize user benefits in a safer and more efficient way.

In terms of operational mechanisms, we maximize the revenue of Staking through seamless integration of hosting and security, specifically: Users can take advantage of their idle digital assets, from the security of GNOCY 's custodiated accounts, to connect to industry-leading DeFi platforms, to activate their idle digital assets to earn income through Staking, GNOCY offers a full range of services related to the broader digital asset ecosystem. From custody to DeFi, brokerage and financing, aggregating a full range of digital asset services and solutions, supported by dedicated customer service around the clock.

In addition, the multi-wallet architecture on GNOCY uses multi-level password encryption, immutable workflows, consensus-based approval mechanisms, role-based governance protocols, and multiple layers of physical security to ensure the security of your digital assets.

- Best execution in deep liquidity pools through market-leading liquidity providers

- Efficient trade settlement across multiple cryptocurrencies and fiat currencies

Participate in blockchain transaction verification for staking rewards, all of which come from the security of your GNOCY account. The platform is responsible for generating offline wallets and key backups, and you retain full ownership and receive rewards directly. Meanwhile, GNOCY offers a full suite of services to integrate emerging digital assets and adapt to a fast-paced market while meeting compliance standards within an evolving regulatory framework. Covering a wide range of emerging top blockchain protocols and token standards, and working with digital asset projects to continue expanding our services as the ecosystem evolves.

In the future, GNOCY will allow external access to critical data and any other API functionality. Any network can link to GNOCY and do data sampling and evaluation to better launch DeFi Staking, making modern DeFi Staking not just a tool for the rich to make money, but a key for the common people to financial freedom.

3.3.3 Wealth management services

GNOCY offers a variety of digital currency-based financial investment products. In addition to the existing mainstream digital assets, the platform will also provide users with indices, funds, insurance-like products, and margin trading and coin lending services to meet the diverse risk-return preferences of users. For example, GNOCY's digital currency wealth management investment supports a variety of mainstream currencies such as BTC, ETH, USDT, etc. The GNOCY wealth management account is a value-added product, and the platform will distribute the majority of the platform's leveraged borrowing interest income to users based on the proportion of currency in the user's wealth management account. After transferring idle assets into the account, users can enjoy the daily earnings from the account, with compound interest calculated on a daily basis and no minimum deposit limit.

The GNOCY wealth management account product will create continuous value for users who hold the currency. Users participating in wealth management can lend their cryptocurrency assets and redeem their principal at any time according to their actual situation to earn interest. They can also increase their digital currency assets without engaging in cryptocurrency transactions.

GNOCY aims to provide diverse options for a wide range of users while

ensuring the security of digital currencies. Aggressive users can entrust their digital assets to earn short-term gains. Holding users can entrust their digital currency assets to the platform and continuously increase their assets without trading. In the future, based on real-time market demand, GNOCY will open up support for more cryptocurrencies and launch a variety of digital currency wealth management investment products. In addition to launching support for more digital currency assets, it will also offer products with different lock-up periods and higher asset returns in the future, providing reasonable digital currency investment returns for cryptocurrency investors.

1) Earn interest by depositing coins

Fixed/current deposit interest income is one of the core products of GNOCY Wealth Management and a demonstration of income trading services.

GNOCY will help connect users with idle digital assets and those who need to borrow money. It has features such as pay-as-you-go, hourly interest, and customizable interest rates. After the user transfers the digital asset to GNOCY, the system will determine at each full hour whether the lending is successful based on the lending rate set by the user themselves. If the lending is successful, the interest for that hour will be obtained; otherwise, no interest will be obtained and the matching result for the next hour will have to be waited.

As a digital currency derivative wealth management product launched for investors, GNOCY Wealth Management offers two types of wealth management: current and fixed. Current wealth management can be subscribed or redeemed at any time, while fixed-term wealth management requires subscription and redemption based on rules. GNOCY's fixed/current returns are principal-protected, with 100% guarantee of principal safety. And it has unique advantages such as lightning deposit and withdrawal, capital preservation and stability, and low investment threshold.

GNOCY Wealth Management not only offers a lightning-fast withdrawal service, but also significantly enhances its own clearing and settlement capabilities by adopting technologies such as a distributed architecture, providing users with an extremely low investment threshold, allowing small and medium-sized retail investors with smaller amounts of digital assets to participate in investment and earn considerable returns. While ensuring the absolute safety of investors' principal, GNOCY Wealth Management adopts a settlement model on a "day" basis,

providing investors with more security and filling the gap of no T+0 products in the digital currency financial services industry. When investors need to use assets within GNOCY Wealth Management, the T+0 product feature enables assets within the GNOCY protocol to be redeemed at any time and credited in real time, and the entire process is simple and efficient.

2) Token investment services

GNOCY digital currency wealth management investment will build a professional token investment service system through smart contracts, form compliant industry standards, and in the future form decentralized services open to more token investment institutions.

- Managing token investment Products: For investors, the opaque operation and inefficient communication of traditional equity investment institutions have always been an unsolvable pain point. Token investment service systems can help traditional investment institutions manage their own token investment products while providing in-depth services to investors in the community.
- Engage investors: By developing co-investment, voting and other modules, fully engage investors in various investment activities of the community, activate collective wisdom and bring together resources from all sides for the community.
- Compliance: How to strengthen the management of professional digital asset management institutions and ensure their legal, compliant and orderly development is a major challenge. A highly transparent token investment service system will bring good news to the entire industry.
- Building an independent tokenized investment management community: Relying on the token investment service system, in the future, a vast number of professional investment managers will be able to issue their own tokens, build their own independent investment management communities, and enter the blue ocean of digital asset investment.

3.4 API with Institutional Access

GNOCY provides API and institutional access services globally, enabling seamless integration among various financial institutions, facilitating data intercommunication and asset circulation, and enhancing market efficiency. Through standardized interfaces, GNOCY provides partners with convenient access methods, lowers the technical threshold, accelerates the popularization and application of digital currency financial services, and further expands the digital asset investment ecosystem.

Seamless integration and data intercommunication

- Financial institution support: GNOCY's API and institutional access services support a wide range of financial institutions, including banks, hedge funds, asset management companies, fintech companies, etc. Through this service, financial institutions can seamlessly connect to the GNOCY platform, enabling real-time data transmission and efficient asset circulation.
- Real-time data transfer: Financial institutions can access market data, transaction data, and user data from the GNOCY platform in real time through API interfaces. This real-time data transmission helps financial institutions better monitor market dynamics and optimize investment strategies.
- Efficient circulation of assets: Through API access, financial institutions can achieve rapid transfer of assets and execution of transactions. This not only enhances trading efficiency but also reduces operational risk.

2) Standardized interfaces and lower technical thresholds

- Standardized Interfaces: GNOCY provides standardized API interfaces to ensure compatibility with systems of different financial institutions. This standardized interface lowers the technical threshold, making it easier for financial institutions to access the platform.
- Technical Documentation and Support: GNOCY provides detailed API documentation and technical support to help financial institutions quickly

complete the process. This technical support includes development guides, sample code, and online customer service.

- **Security and Compliance:** GNOCY's API access service complies with strict regulatory requirements to ensure the security of data and the compliance of transactions. GNOCY protects the privacy of financial institutions and users through encrypted transmission and authentication mechanisms.

3) Accelerate the popularization and application of digital currency financial services

- **Lower access costs:** GNOCY reduces the cost for financial institutions to access the platform through standardized interfaces and detailed technical documentation. This enables more financial institutions to participate in digital currency financial services.
- **Boosting market efficiency:** apis and institutional access services enhance market efficiency, enabling financial institutions to respond more quickly to market changes. This efficient service helps enhance the competitiveness of the entire digital currency financial market.
- **Expanding the investment ecosystem:** GNOCY further expands the digital asset investment ecosystem by supporting seamless integration among various financial institutions. This not only provides users with more investment options, but also brings new business growth points to financial institutions.



Chapter 4 Technology and Innovation

GNOCY digital currency Exchange stands out in the digital currency trading services market with its innovative solutions driven by advanced technology. Proprietary algorithms drive intelligent decision-making, top-tier trading and market solutions, secure and low-latency infrastructure, and a full range of global market access advantages that together form GNOCY's strong core competitiveness. In the future development path, GNOCY will continue to uphold the concept of innovation, constantly explore new technologies and new services, create a smarter, safer and more efficient digital currency trading ecosystem for investors, and lead digital currency trading services to new heights.

4.1 Proprietary algorithms and intelligent decision-making systems

Based on its proprietary algorithmic architecture, GNOCY has deeply integrated deep learning and big data analytics technologies to build a highly intelligent decision support system that provides investors with a full range of trading and investment solutions.

1) Integration of algorithm architecture and technology

GNOCY's proprietary algorithmic architecture is at the core of its intelligent decision-making system. This architecture is based on deep learning and big data analytics, using complex neural network models and data analysis techniques to deeply mine and analyze massive market data. The algorithm can handle not only structured data (such as trading prices, volumes, etc.) but also unstructured data (such as news reports, social media updates, etc.) to fully capture the dynamic changes in the market.

Deep learning techniques enable algorithms to automatically learn patterns and relationships in the data and continuously optimize their predictive capabilities. By training on large amounts of historical data, algorithms can identify complex trading patterns and price movements, providing investors with accurate market predictions. Big data analysis ensures that algorithms can handle real-time data streams, respond to market changes in real time, and provide immediate decision support for investors.

2) Market dynamics capture and trading pattern recognition

GNOCY's algorithm can precisely capture tiny changes and trends in the market by continuously monitoring market data. These data include, but are not limited to:

- Trading prices and volumes: Algorithms analyze historical and real-time data on trading prices and volumes to identify fluctuation patterns in prices and changing trends in volumes.
- Trading depth chart: By analyzing the depth of the buy and sell order book, the algorithm can predict short-term market movements and potential trading opportunities.
- Market sentiment indicator: Combining unstructured data such as social media and news reports, the algorithm assesses market sentiment and predicts its impact on prices.

Through these multi-dimensional data analyses, GNOCY's algorithm is able to identify complex trading patterns such as cyclical fluctuations, trend turning points, support and resistance levels, etc., providing investors with valuable trading signals and strategy recommendations.

3) Personalized investment advice

Based on a precise capture of market dynamics and trading patterns, GNOCY provides investors with personalized investment advice. The advice covers multiple dimensions, including:

- Asset allocation: Algorithms provide investors with asset allocation recommendations based on their risk preferences and investment objectives to help them build a diversified portfolio and reduce market risk.
- Trading timing: Algorithms provide investors with the best buying and selling times by analyzing market trends and trading signals, helping them maximize their investment returns.
- Risk Preference Matching: The algorithm provides investment strategies and asset classes that match the investor's risk tolerance and investment style, ensuring that the investor's trading decisions are in line with their own risk

preferences.

These personalized investment recommendations can help investors make wiser trading decisions in a complex market environment and increase investment success.

4) Continuously optimize trading strategies and risk control

The core value of an algorithm lies in its continuous optimization ability for trading strategies and risk control models. By analyzing market data in real time, the algorithm can dynamically adjust trading strategies to adapt to the changing market environment. This dynamic adjustment ensures the scientific and forward-looking nature of trading decisions, enabling investors to maintain a competitive edge amid market changes.

In terms of risk control, GNOCY's algorithm builds a multi-dimensional risk assessment model that monitors various risk factors such as market risk, credit risk, and operational risk in real time. The algorithm ensures the safety and steady appreciation of investors' assets in the following ways:

- Real-time risk monitoring: The algorithm monitors market dynamics in real time and promptly identifies potential risk factors such as market volatility, malicious attacks, trading anomalies, etc.
- Risk warning and control Recommendations: Once the algorithm identifies a risk signal, it immediately alerts investors and provides targeted risk control recommendations such as adjusting positions and setting stop-losses.
- Automatic risk management: For high-frequency trading and quantitative investment strategies, the algorithm can automatically implement risk management measures to ensure that trading is conducted within a controllable range of risks.

Through these measures, GNOCY's algorithm not only enhances trading efficiency and returns, but also effectively reduces the trading risk for investors and ensures the steady appreciation of assets.

4.2 Top Trading and Market Solutions

GNOCY is committed to providing clients with a full range of top-tier trading and market solutions covering key areas such as trading, market making, and liquidity. At the trading level, GNOCY continuously optimizes the trading interface and trading process to provide a convenient and efficient trading operation experience. The platform supports a variety of trading modes, including spot trading, futures trading, leveraged trading, etc., to meet the trading needs of different investors.

In terms of market making and liquidity, GNOCY works closely with a team of professional market makers to build a strong liquidity network. Through advanced market-making algorithms and risk management systems, market makers are able to continuously provide deep buy and sell quotes on the platform, ensuring market liquidity and price stability.

In addition, GNOCY provides customized services and technical support to market makers to help them optimize their market-making strategies and improve market-making efficiency and profitability. These integrated solutions have enabled GNOCY to maintain strong trading and market response capabilities in market volatility, providing investors with a stable and reliable trading environment.

1) Enjoy top-notch trading experience

For professional institutional investors, the GNOCY platform's meticulously crafted trading fast lane is like a professional racer's exclusive track, offering ultimate trading speed and precise trading execution. The platform uses advanced trading matching algorithms to ensure that orders are matched instantly and minimize trading delays, allowing institutional investors to precisely seize the ever-changing opportunities in the market. Whether it's the rapid execution of high-frequency trading strategies or the efficient segmentation and closing of large orders, they can all be perfectly realized on the GNOCY platform.

The platform also provides institutional investors with deep market data and advanced analysis tools, including real-time trade depth maps, historical trade data mining, complex trend analysis, etc. These powerful data support and analysis tools, like the high-performance racing dashboard of a professional racing driver, provide

precise data basis for institutional investors' trading decisions. It enables institutional investors to stay ahead in the complex and volatile digital currency market, make wiser and more forward-looking trading decisions, stand out in the fierce market competition, and achieve steady asset appreciation and strategic goals.

2) Market making and liquidity solutions

In terms of market making and liquidity, GNOCY has established close and stable partnerships with professional teams of market makers. These market makers have not only rich market experience and professional technical knowledge, but also strong financial strength and risk management capabilities. Through deep collaboration with them, GNOCY has built a strong liquidity network that provides solid support for trading activities on the platform.

Professional market makers play a crucial role on the platform. They ensure that the market maintains good liquidity and price stability in any situation by consistently providing deep buy and sell quotes. No matter how the market fluctuates, investors can find a suitable counterparty on the platform and complete transactions quickly. Market makers' quote strategies are based on a precise grasp of market dynamics and in-depth analysis of trading data. They use advanced market-making algorithms to adjust quotes in real time in response to rapid market changes. These algorithms are capable of generating the best quotation strategy by taking into account multiple factors such as market supply and demand, price fluctuations, and trading volume. At the same time, market makers also control their own risk exposure through strict risk management systems to ensure profits while providing liquidity.

To better support the operation of market makers, GNOCY provided them with customized services and technical support. These services include dedicated trading interfaces, real-time market data, customized risk management tools, etc. Through these services, market makers can conduct market-making activities more efficiently, optimize market-making strategies, and enhance market-making efficiency and profitability.

3) Sustained liquidity and price stability

GNOCY Exchange has a deep understanding of the crucial significance of liquidity to trading markets. In terms of liquidity solutions, the platform's strategy is

designed to ensure that the market maintains an adequate supply of liquidity at any trading session. Through partnerships with numerous professional market makers, as well as advanced market-making algorithms and risk management systems, the platform is able to provide investors with deep buy and sell quotes, ensuring the immediacy and efficiency of trading.

The buy and sell quotes provided by the market makers on the platform are not only deep but also reasonably priced, effectively reducing the slippage in the market. This enables even large transactions to be executed smoothly at levels close to the market price, significantly reducing the transaction costs for investors. At the same time, the market maker's quotation strategy can also act as a buffer against price fluctuations, avoiding sharp market fluctuations and maintaining the stable operation of the market.

To further enhance liquidity, GNOCY Exchange is also actively promoting innovative incentive mechanisms such as liquidity mining. Through these incentives, more investors and liquidity providers are encouraged to participate in the market, injecting more liquidity and vitality into it. These integrated liquidity solutions have enabled GNOCY to maintain strong trading and market response capabilities in the face of market volatility, providing investors with a stable and reliable trading environment where they can enjoy a high-quality trading experience on the platform, whether during the boom of a bull market or the downturn of a bear market.

4) Combined advantages and market response capabilities

GNOCY's integrated solution, which combines an optimized trading interface, rich trading models, advanced trading tools, a strong market maker network, and customized technical support, demonstrates exceptional trading and market response capabilities in the face of market volatility. This ability stems from a deep understanding of market dynamics and an effective management of risk, enabling investors to maintain confidence and stability in the complex and volatile digital currency market.

No matter how market conditions change, GNOCY can provide investors with a stable and reliable trading environment, allowing them to focus on formulating and implementing investment strategies and achieving steady asset appreciation.

The advantage of GNOCY is particularly prominent during market volatility.

When there are significant fluctuations in the market, the platform's advanced trading tools and risk management strategies can help investors better cope with the risks. At the same time, a strong network of market makers ensures market liquidity, allowing investors to quickly complete trades and reduce transaction costs even in the face of extreme market panic or greed. This ability to remain efficient and stable in the face of market turmoil is an important mark that sets GNOCY apart from other trading platforms and is one of the key reasons why investors choose GNOCY.



4.3 Secure and low-latency infrastructure

In the digital asset trading field, security is the top consideration for users when choosing a platform. GNOCY is well aware of this and has spared no effort in security protection, building a comprehensive and multi-level security protection system to ensure the security of users' information and assets.

- **Data encryption and secure storage:** GNOCY uses the most advanced encryption technology to encrypt the storage and transmission of user data. In terms of data storage, all user information and transaction data are encrypted and stored in highly secure databases. During data transmission, GNOCY uses the SSL/TLS encryption protocol to ensure absolute security of data transmission between user terminals and servers. This encryption technology can effectively prevent data from being stolen, tampered with, or damaged, thereby protecting user privacy and transaction security.
- **Cold wallet storage with multi-signature technology:** For the secure storage of digital assets, GNOCY has adopted industry-leading cold wallet storage and multi-signature technology. Cold wallet storage refers to storing the majority of user assets in an offline environment that is not directly connected to the Internet, thereby significantly reducing the risk of being attacked by the network. GNOCY's cold wallet is controlled by multiple private keys that are scattered across different security facilities to ensure a high level of security in asset storage. Meanwhile, GNOCY uses multi-signature technology, requiring multiple private keys to sign together in order to complete a transaction. This mechanism not only enhances the security of assets, but also effectively prevents malicious behavior by insiders, ensuring that user assets are fully protected in all circumstances.
- **Risk monitoring and early warning mechanism:** In addition to security measures for storage and transmission, GNOCY has established a complete set of risk monitoring and early warning mechanisms. The mechanism is capable of monitoring trading activities on the platform in real time, analyzing trading patterns and behavioral characteristics, and promptly detecting abnormal transactions and potential malicious attacks. With advanced data analysis techniques and machine learning algorithms, GNOCY's monitoring system can quickly identify suspicious activities such as

abnormal large transactions, high-frequency transaction requests, abnormal IP addresses, etc., and immediately trigger alerts to notify the security team for further investigation and handling. This prompt response mechanism can effectively prevent illegal activities such as money laundering and fraud, and protect investors' assets.

In digital asset trading, the efficiency and speed of transaction execution are directly related to investors' returns. GNOCY relies on advanced low-latency infrastructure to achieve seamless and efficient trade execution, providing investors with an ultimate trading experience.

- **Advanced deal-making engine:** The deal-making engine is one of the core components of a trading platform. GNOCY uses the most advanced trade matching engine, which is capable of matching and closing orders in an extremely short time. The engine ensures speed and accuracy in order processing through optimized algorithms and hardware architecture. With millisecond-level response times, GNOCY's matching engine can quickly match orders between buyers and sellers, ensuring the immediacy and efficiency of transactions. This high-speed trading processing capacity meets the demands of high-frequency traders, enabling them to execute trading strategies quickly during market volatility and seize every profit opportunity.
- **Optimized network architecture and hardware facilities:** To ensure high-speed and stable data transmission, GNOCY has comprehensively optimized its network architecture and hardware facilities. Around the world, GNOCY deploys multiple data centers connected via high-speed fiber optic networks to ensure low latency and high reliability in data transmission. At the same time, the platform features high-performance server clusters equipped with advanced processors, memory, and storage devices to handle high concurrency transaction requests. The optimization of these hardware facilities not only reduces transaction latency but also enhances the overall stability and scalability of the system.
- **Reduce trading latency and slippage risk:** Trading latency and slippage risk are among the top concerns for investors during market peaks or extreme conditions. GNOCY's low-latency infrastructure effectively reduces trading latency and slippage risk by optimizing network connections and trading processing flows. With precise market data and real-time order processing, investors can more accurately grasp trading timing and reduce trading losses.

due to latency and slippage. No matter how the market fluctuates, GNOCY ensures smooth trading and maximizes investors' trading interests.

GNOCY's security and low-latency infrastructure is not only a demonstration of its technological superiority, but also a fulfillment of its promise to users. Through a multi-layered security system, GNOCY ensures the safety of user information and assets, allowing investors to trade with confidence. At the same time, the ability to execute trades with low latency provides investors with an ultimate trading experience, allowing them to gain an edge in a highly competitive market.

This perfect combination of security and efficiency makes GNOCY stand out in the digital asset trading market as one of the preferred platforms for investors. GNOCY provides investors with a stable and efficient trading environment, whether during peak market hours or in extreme conditions, to help them achieve steady appreciation of their assets.



4.4 Global market access

In the wave of global digital finance, GNOCY, with its outstanding market strategy and innovative spirit, is actively expanding its global market footprint and is committed to providing investors with a borderless digital asset trading experience.

1) Integrate global resources and build a cross-border cooperation network

- Building a cross-border partnership network: GNOCY has built a strong cross-border partnership network by establishing strategic partnerships with financial institutions, trading platforms, payment gateways, etc. around the world. These partnerships cover not only core players in major financial markets such as North America, Europe, and Asia, but also active forces in emerging markets such as South America and Africa. Through this extensive cross-border collaboration, GNOCY provides investors with access to major global digital currencies, lowers the threshold and cost of cross-border transactions, and enables investors to easily engage in investment activities in international markets.
- Integrating global resources: The GNOCY platform integrates high-quality resources from around the world, including liquidity supply for digital currencies, data analysis, market intelligence, etc. By collaborating with multiple blockchain projects and digital currency issuers, GNOCY ensures a wide variety of trading options and sufficient liquidity on the platform to meet the needs of different investors. At the same time, GNOCY leverages data centers and cloud computing resources around the world to optimize the platform's operational efficiency and stability, providing high-speed and stable services to users worldwide.

2) Provide global market access opportunities

- Convenient trading of major global digital currencies: The GNOCY platform offers investors a seamless global trading environment. Investors can trade mainstream digital currencies such as Bitcoin, Ethereum, Litecoin, and a variety of emerging crypto assets conveniently on the platform. With an optimized user interface and convenient operation process, GNOCY ensures

that investors can easily access international markets and participate in digital asset trading on a global scale.

- Global asset allocation: In the globalized financial market, reasonable asset allocation is the goal pursued by investors. GNOCY provides investors with a platform to achieve global asset allocation by integrating global resources. Investors can not only trade a variety of digital currencies on the platform, but also allocate funds to quality projects in different countries and regions through a cross-border partnership network. This global allocation ability not only reduces investment risk but also increases return on investment.

3) Actively participate in building a global financial ecosystem

- Work with multiple parties to promote market standardization: Standardization and professionalization are key to sustainable development in the global digital finance ecosystem. GNOCY actively collaborates with financial institutions, technology companies, academic institutions, etc. to jointly promote

Drive the standardized development of the digital currency market. GNOCY contributes to building an efficient, transparent and innovative global digital financial system by participating in activities such as the formulation of industry standards, the discussion of regulatory policies, and the promotion of technical specifications.

- Promoting the diversification of the financial ecosystem: GNOCY not only focuses on the core business of digital currency trading, but also actively promotes the diversification of the financial ecosystem. Through partnerships with distributed autonomous organizations (DAOs), non-fungible tokens (NFTS), decentralized finance (DeFi), and more, GNOCY offers investors a diverse and innovative financial ecosystem. This diverse financial ecosystem not only caters to the needs of different investors, but also drives innovation and development across the industry.

GNOCY's global market access capabilities enable investors to break geographical barriers and engage in digital asset trading on a global scale. This global trading perspective not only provides investors with more investment opportunities, but also helps them better diversify investment risks and achieve steady asset appreciation. By exploring and applying cutting-edge technologies,

GNOCY provides investors with intelligent trading tools and services. From personalized investment advice to high-frequency trading solutions, from risk control models to market prediction algorithms, GNOCY's innovative services help investors make smarter trading decisions and increase trading efficiency and returns.

In addition, GNOCY is actively involved in building the global financial ecosystem and promoting its diversity and innovation. By collaborating with multiple sectors, GNOCY offers investors a diverse financial ecosystem that encompasses digital currency trading, distributed autonomous organizations (DAOs), non-fungible tokens (NFTs), decentralized finance (DeFi), and more. This diverse financial ecosystem not only caters to the needs of different investors, but also drives innovation and development across the industry.



Chapter 5 Market Cooperation and Promotion

5.1 Capital Support

GNOCY has received support from top international crypto Capital, including A16z, Pantera Capital, Multicoin Capital and Alchemy Ventures, thanks to its outstanding technology architecture, innovative business model and keen insight into market trends.

1) The favor of top capital

The international top crypto capital's investment in GNOCY is not only a recognition of its technical strength and market potential, but also a demonstration of confidence in its future development. A16z (Andreessen Horowitz), a globally renowned venture capital firm, is known for its acute insight into innovative technologies and cutting-edge markets. Pantera Capital is an investment firm focused on blockchain and cryptocurrencies, with extensive industry experience and exceptional investment vision. Multicoin Capital is known for its deep understanding of blockchain technology and its precise grasp of the market. Alchemy Ventures is highly regarded by the industry for its forward-looking investments in emerging technologies.

2) The significance of capital support

Getting these top capitals is of great significance to GNOCY in many ways:

- **Enhanced financial strength:** These investments provide GNOCY with sufficient financial support to further optimize its platform technology, expand its business scope, enhance the user experience, and market globally. This provides a solid financial guarantee for its future expansion and innovation.
- **Industry endorsement and trust:** The investment from top capital itself is an industry endorsement for GNOCY. These investment institutions are known for their professional investment teams and rigorous investment processes, and their investment decisions are often based on in-depth due diligence

and market analysis of the projects. Therefore, getting their support means GNOCY 'technical architecture, business model and market prospects are highly recognized within the industry, which will greatly enhance the trust and confidence of users, partners and potential investors in GNOCY.

- Resource integration and coordinated development: These top capitals not only bring in funds but also abundant industry resources and strategic guidance. Through partnerships with these investment institutions, GNOCY is able to better integrate industry resources and build broader partnerships with blockchain projects, technology teams and financial institutions around the world. This integration and synergy will bring more business opportunities and innovative inspirations to GNOCY, driving its continued development and progress in the blockchain field.
- Enhancing market competitiveness: In the digital currency trading platform market, capital support can often be a key factor in enhancing competitiveness. Top capital investment not only helps GNOCY optimize and improve its technology research and development, marketing, and user experience, but also gives it an edge over its competitors. By constantly optimizing platform functionality and service quality, GNOCY will be able to better meet user demands, attract more users and transactions, and further consolidate its position in the market.

GNOCY is backed by top international crypto Capital, including A16z, Pantera Capital, Multicoine Capital, Alchemy Ventures, which is not only a high recognition of its technical strength and market potential, It provides a strong impetus and guarantee for its future development. These capital supports will help GNOCY further optimize its platform technology, expand its business scope, enhance the user experience, and market globally. At the same time, the endorsement of top capital and the ability to integrate resources will also greatly enhance GNOCY's market competitiveness and drive its continuous development and progress in the blockchain field.

5.2 Market Cooperation

1) Application collaboration

GNOCY makes strategic partnerships with top apps: AAVE, Venus, CertiK, MakerDao Imtoken, PancakeSwap, PONTEM, APTOS, BINANCE, CoinMarketCap, crypto.com, coinbase, CoinGecko, nomics, etc.



2) Media partnerships

As globalization progresses, GNOCY will be promoting itself in global media. Such as Coindesk, Cointelegraph, The Block, Decrypt, CoinMarketCap, etc.

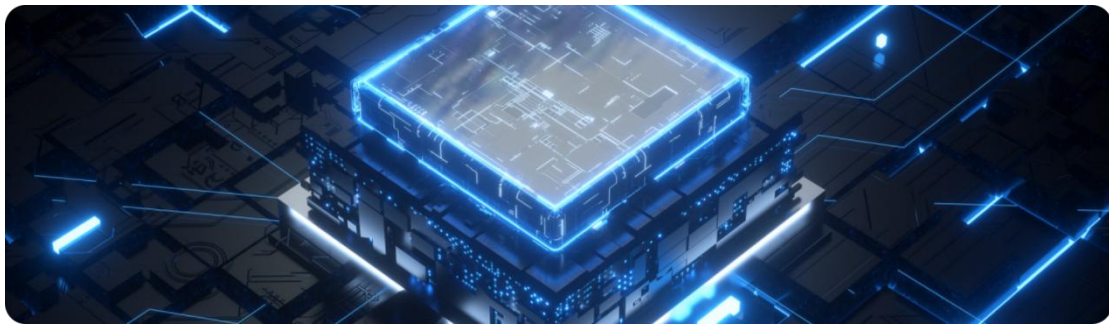


3) Ecosystem collaboration

- Liquidity support: GNOCY has abundant resources and a large number of partners within the industry. It has established partnerships with several international mining farms, active communities, investment funds, and professional investment institutions to provide the platform with sufficient liquidity. GNOCY has a professional quantitative team that connects to the market depth of the world's leading exchanges, provides a total of

fragmented liquidity solutions, supports high-frequency quantitative trading, and is compatible with a set of API interfaces for fast programmatic trading. Introducing a market maker system.

- **Powerful trading tools:** As the market matures, the complexity of trading demands increases, and the previous simple buying and selling functions are no longer enough to satisfy professional investors. GNOCY, with its rich experience in securities investment and combined with artificial intelligence deep learning technology, offers a richer suite of trading tools for professional investors, including automatic regular investment tools, quantitative trading tools, strategies, etc. It also makes it easy for ordinary investors to access professional tools, lowers the threshold for professional investment, and makes trading more accessible.



5.3 Compliant development

GNOCY has more than 40 security personnel, including senior experts who assess peripheral risks and cryptography PHDS who analyze crypto attacks. GNOCY also has nearly a hundred compliance officers who sort out money laundering by inspecting transactions. In addition, GNOCY has also worked extensively with law enforcement. Follow strict authentication procedures to comply with regulations such as KYC(Know Your Customer) and AML(Anti-Money Laundering), and track and monitor crypto assets sent to and from its website.

GNOCY has established a project review board composed of well-known institutions and professionals. The committee has multiple functional departments

that review projects applying for listing in terms of listing procedures, codes, white papers, legal compliance, finance, etc. At the same time, GNOCY brings in authoritative third-party rating agencies to independently review listing projects. For the review of each link in the listing and trading of projects, GNOCY brings in internationally renowned third-party authoritative institutions to participate together to ensure that the review results are true, objective, reasonable and reliable. This ensures the safety of users' investments and returns.

In the future, GNOCY will provide a fairer, more transparent, compliant, trustworthy and fully circulating value discovery platform for the world's high-quality blockchain digital assets, a secure, stable, considerate and trustworthy trading platform for global digital asset enthusiasts, and build a world-class blockchain digital asset integration ecosystem without national boundaries and racial barriers. At the same time, we will continue to explore the application of the ecosystem to create a new generation of digital asset trading business landscape. Build a truly distributed "digital crypto financial services ecosystem," so that the application of digital assets can be more widely popularized and more people can share the wealth feast brought by blockchain technology and crypto assets.

5.4 Community and Promotion

GNOCY inherently embodies the values of decentralization, with partners all over the world. It is particularly influential in the community sector and promotes its products through community channels. GNOCY operates simultaneously in 120 communities across multiple countries, including the United States, Australia, Singapore, Japan, France, South Korea, and the Republic of Seychelles. At the same time, through multi-channel collaboration, GNOCY will strengthen brand awareness and increase community activity. Regular online events and offline gatherings will further strengthen user stickiness and expand global influence.

GNOCY will enhance user stickiness and brand awareness through community events, online and offline workshops, etc. At the same time, by leveraging social media and collaborating with Kols, it will expand its influence, attract more investors' attention, and further solidify its position in the global market.

In terms of user promotion, the GNOCY platform will continue to optimize the user experience, provide personalized services, and ensure user stickiness. Through

data analysis, accurately identify user needs, launch customized products and services, and enhance user sense of belonging. At the same time, regular online and offline events are held to enhance community interaction, increase user engagement, and ensure continuous user growth and retention. The GNOCY platform will also introduce more interactive elements, such as points systems and leaderboards, to increase the fun of user interaction.

GNOCY will continue to optimize the interface design, simplify the operation process and enhance the transaction efficiency. Through continuous technological innovation and user feedback, the GNOCY platform will continuously improve its functionality to meet the diverse needs of users and ensure its stability and efficiency. Regularly launch innovative activities to stimulate user activity, build a virtuous ecological cycle, and achieve sustained user growth and deep binding.

The GNOCY platform enhances user satisfaction and trust by establishing a user feedback mechanism that responds promptly to and resolves user issues. Regularly conduct user satisfaction surveys, optimize service processes, and ensure user rights are protected. Collect user suggestions through multiple channels, continuously improve platform functions, and build a high-quality ecosystem that users trust. GNOCY will introduce a user loyalty program to reward long-term active users and enhance user loyalty. Build user trust by regularly releasing platform development reports and operating transparently. Combined with big data analytics, precisely push personalized content to enhance user experience and ensure continuous user activity.

The GNOCY platform will continue to optimize user incentives and introduce more benefits, such as exclusive customer service and priority access to new features, to further strengthen user loyalty. Through community co-construction programs, encourage users to participate in platform decision-making and enhance their sense of belonging. Regularly hold user meet-and-greet sessions to get closer to users, create a warm community atmosphere, and ensure long-term user retention.

Chapter 6 Teams and Sustainable Development

6.1 Global Teams

GNOCY's core technology research and development team members mostly come from Silicon Valley tech elite teams, technical talents with years of crypto experience. It brings together the industry's best technical experts in various fields such as digital asset trading, market making, liquidity, finance, web development, and high-frequency algorithmic trading.

Rick Fishbune - a Singaporean computer scientist who worked at IBM's Computer Research Center. Master the principles and implementations of mainstream blockchain technologies such as Bitcoin, Ethereum, HyperLedger, and have a deep understanding and rich practice of blockchain consensus mechanisms, smart contracts, cross-chain technology, sidechain technology, privacy protection, etc.

Richard Dobrow - A renowned blockchain software development engineer in Silicon Valley, responsible for the cross-platform porting of mining algorithms for virtual currencies such as Bitcoin and ETH and the management of mining machine software development. With extensive industry experience in the technical architecture of virtual digital currency wallets and virtual digital exchanges.

Justin Drake - Research focused on big data parallel computing and distributed algorithm optimization, with extensive research experience in blockchain, cryptography, and data mining. Deep algorithmic support will be provided for the project at the core mathematical model of blockchain, core algorithms of artificial intelligence, and the level of big data parallel computing.

Tony Wong - PhD and Postdoctoral in Computer Science at Yale University. 10 years of experience in data storage research and development. Served as chief scientist at several big data companies. He is an expert in business intelligence systems and has authoritative influence in data mining. He founded his own big data research company and was responsible for project architecture and solution

design.

Maaghul Clinton - Technical developer, master of Computer Science from Harvard University, Python language expert, blockchain technology engineer. His research covers areas such as data mining, artificial intelligence, and algorithm optimization. Responsible for building and optimizing artificial intelligence algorithms for the project.

Matthew Walther - A program developer and a senior engineer in blockchain technology applications, with extensive development experience in the field of private social networks. With 15 years of experience in the Internet industry, proficient in multiple computer languages, skilled in designing massive high-concurrency available architectures, and having extensive experience in R&D management.

6.2 Risk and Governance

In the global digital finance sector, GNOCY is committed to creating a secure, transparent and responsible financial environment with its global clients and investors. This goal not only reflects GNOCY's high regard for the interests of its users, but also demonstrates its leadership position and sense of responsibility in the industry.

1) A secure and transparent digital finance ecosystem

- Security First: GNOCY makes security one of the core competencies of its platform, ensuring the security of users' assets and transactions through a variety of advanced technologies and management measures. The platform uses multi-signature technology to ensure that each transaction requires multiple authorizations to complete, effectively preventing unauthorized transactions. By using cold and hot wallet isolation technology, GNOCY stores most of its assets in offline cold wallets and only a small amount of funds in hot wallets for daily transactions, significantly reducing the risk of being attacked by the network.
- Transparent operation: GNOCY adheres to transparent operation and regularly discloses operational data and financial status of the platform to users and regulators. The platform's transaction records and fund flows are completely transparent, and users can check their transaction status and

asset balance at any time through the platform's real-time monitoring system. In addition, GNOCY collaborates with internationally renowned security audit institutions to conduct regular security audits and risk assessments to ensure the platform's security and transparency.

2) International security audits and compliance operations

- **International Security Audit:** GNOCY works with internationally renowned security audit firms to conduct regular comprehensive audits of the platform's security. These audits cover multiple aspects of the platform's network security, data security, transaction security, etc., to ensure that the platform meets the highest international security standards both technically and administratively. Through these audits, GNOCY is not only able to identify and fix potential security vulnerabilities in a timely manner, but also to demonstrate to users and regulators its high regard for security.
- **Compliant operations:** GNOCY strictly adheres to laws, regulations and regulatory requirements around the world to ensure that the platform operates in full compliance. The platform has obtained corresponding operating licenses and qualifications in each of its operating regions to ensure that users conduct transactions in a legal environment. By operating in compliance, GNOCY provides users with a secure and reliable trading environment, enhancing users' trust in the platform.

3) Risk control and intelligent risk control system

GNOCY has built a comprehensive risk control system through a variety of advanced technologies and management measures to ensure the safety of the platform and users.

- **Real-time risk monitoring:** GNOCY's intelligent risk control system is capable of monitoring trading activities on the platform in real time, analyzing trading patterns and behavioral characteristics, and promptly identifying abnormal transactions and potential malicious attacks.
- **Dynamic Risk assessment:** The intelligent risk control system can not only monitor risks in real time, but also dynamically assess risk levels and adjust risk control strategies based on market changes and user behavior. By analyzing market data and user transaction records in real time, the risk

control system can predict potential risks and take measures in advance, such as adjusting transaction limits and strengthening identity verification, to ensure the stable operation of the platform.

- **Multi-signature technology:** GNOCY uses multi-signature technology to ensure that each transaction requires multiple authorizations to complete. This technology effectively prevents unauthorized transactions and ensures the security of user assets.
- **Cold and hot wallet isolation:** With the cold and hot wallet isolation technology, GNOCY stores most of its assets in an offline cold wallet, with only a small amount of funds available in a hot wallet for daily transactions. This isolation measure significantly reduces the risk of cyber attacks and ensures the safe storage of users' assets.
- **Transaction Limits and Authentication:** To prevent abnormal transactions and malicious attacks, GNOCY sets reasonable limits for user transactions and requires users to undergo multiple authentications. These measures not only enhance the security of transactions, but also protect users' privacy and asset security.

4) A powerful liquidity network

- **Top Partners:** GNOCY has established strategic partnerships with the world's top market makers and liquidity providers. These partners have not only rich market experience and professional technical knowledge, but also strong financial strength and risk management capabilities. By working with them, GNOCY has built a strong liquidity network that provides solid support for trading activities on the platform.
- **Depth and Efficiency:** GNOCY's liquidity network provides investors with a trading experience that combines depth and efficiency. By working with top partners, GNOCY ensures that every trade on the platform is executed quickly, reducing the risk of trade delay and slippage. This combination of depth and efficiency makes GNOCY's trading performance comparable to industry-leading platforms such as Binance and OKX, providing investors with a superior trading environment.

6.3 Alliance of shared values

GNOCY, with its outstanding market strategy and innovative spirit, is actively expanding its global market footprint. By forming alliances with top brands and institutions around the world, GNOCY not only demonstrates its strong influence in the global market, but also embodies its firm commitment to community, integrity and performance. These alliances not only brought GNOCY huge brand exposure, but also solidified its leadership position in the global digital finance sector.

GNOCY has made a historic partnership with LaLiga, the Spanish football league, to become its global cryptocurrency platform partner. This partnership marks a significant step for GNOCY in the sports field, enabling it to showcase its brand and values to a global audience through the platform of top events. By showcasing GNOCY's brand identity in La Liga advertising Spaces and live broadcasts, GNOCY has benefited from the global reach and large audience base of the events, enhancing brand awareness and market presence.

GNOCY's signature partnership with Real Madrid further demonstrated its commitment to the sport world. Real Madrid, one of the world's most popular football clubs, has a huge global fan base. Through the partnership with Real Madrid, GNOCY not only gained the opportunity to showcase its brand in club competitions and related events, but also enhanced its brand influence and market recognition through partnership projects and activities with the club. The partnership not only increased GNOCY's brand exposure, but also promoted the global expansion of its business through interaction with Real Madrid's fans.

The alliance of shared values not only enhanced GNOCY's brand awareness and market influence, but also solidified its position as a leader in global digital finance. By collaborating with top brands, GNOCY has demonstrated its strong technical support, innovation capabilities, and market insight.

- Brand influence: Alliances with brands such as La Liga and Real Madrid have significantly enhanced GNOCY's brand awareness and market influence. GNOCY has benefited from their global reach and large audience base by showcasing its brand identity at these brands' events and activities, boosting brand exposure and market recognition.

- **Market trust:** Through partnerships with these brands, GNOCY has demonstrated its commitment to integrity, performance, and community, enhancing market trust. This trust not only helps attract new users, but also enhances the loyalty of existing users, laying a solid foundation for GNOCY's long-term development.
- **Leadership position:** Establishing alliances of shared values reinforces GNOCY's leadership position in the global digital finance sector. By collaborating with top brands, GNOCY has demonstrated its strong technical support, innovation capabilities, and market insight to stay ahead in the fierce market competition.

6.4 Social Responsibility

In the global digital finance sector, GNOCY is not only committed to providing outstanding services to investors, but also actively fulfills corporate social responsibility (CSR) to promote sustainable development, community development and employee welfare. GNOCY's CSR initiatives not only reflect its moral responsibility to society, but also demonstrate its corporate commitment as a global leader.

- **Environmental Protection Projects:** GNOCY is actively involved in environmental protection projects, committed to reducing its carbon footprint and promoting sustainability. GNOCY contributes to global environmental protection by supporting environmental cleanup projects and promoting green technologies. For example, GNOCY has worked with multiple environmental groups to participate in projects such as beach cleanup and afforestation, significantly improving the local ecological environment.
- **Green Office and Operations:** In terms of corporate operations, GNOCY actively promotes green office, uses environmentally friendly materials and energy-saving technologies, and reduces resource waste. By optimizing office processes, GNOCY has reduced energy consumption and carbon emissions, promoting sustainability.

- **Education and Scholarships:** GNOCY values the power of education and supports the development of education by offering scholarships and educational supplies. Over the past few years, GNOCY has awarded 61 scholarships in five countries, helping thousands of students complete their studies. These scholarship programs have not only helped students realize their dreams, but also nurtured talents for local communities.
- **Disaster Relief and Humanitarian support:** In the face of natural disasters and public health crises, GNOCY responds actively and provides humanitarian support. During the COVID-19 pandemic, GNOCY donated €1.1 million to support the purchase of medical equipment and vaccinations, helping medical institutions and communities in many regions around the world.
- **Community Projects:** GNOCY is actively involved in community projects to support local infrastructure and public services. For example, GNOCY provided 14,000 liters of free drinking water, helping to improve drinking water conditions in the community and enhance the quality of life for residents.

GNOCY has demonstrated its firm commitment to sustainability, community development and employee well-being through its comprehensive corporate social responsibility (CSR) initiatives. Through environmental protection projects, educational support, disaster relief operations and employee care, GNOCY not only fulfills its corporate moral responsibility, but also makes a positive impact on the global community. In the future, GNOCY will continue to expand its CSR projects, further promoting sustainable development and social progress, and contributing more to the global community.

Chapter 7 Disclaimer

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