

# Crypto-K Quants

Whitepaper

*Version 1.3*





# I. English Version

## Disclaimer

*This whitepaper is for informational purposes only and does not constitute investment advice, financial advice, trading advice, or any form of solicitation. Cryptocurrency markets are highly volatile and involve substantial risk. Users are solely responsible for their trading decisions and potential losses.*

*Crypto-K Quants does not guarantee profits, fixed returns, or specific performance outcomes.*

## 1. Executive Summary

Crypto-K Quants is a quantitative research and execution team focused on cryptocurrency markets. Our objective is to apply institution-grade quantitative methodologies, risk control frameworks, and automated execution systems to the highly volatile and noise-driven crypto environment.

Rather than attempting to predict market direction, Crypto-K Quants is designed to manage uncertainty through probability-based models, disciplined execution, and strict drawdown control.

## 2. Market Background

Cryptocurrency markets exhibit several structural characteristics:

- Extreme volatility
- 24/7 trading without circuit breakers
- High leverage availability
- Strong emotional participation by retail traders

Most retail losses are not caused by a lack of opportunities, but by the absence of systematic execution, risk discipline, and long-term statistical thinking.

## 3. Our Approach

Crypto-K Quants is built on three core principles:

- Systems over discretion
- Risk control before return optimization
- Long-term statistical validity over short-term performance

Our services are designed to be transparent, repeatable, and auditable.

## **4. System Architecture**

### 4.1 Data Layer

- Multi-timeframe price data
- Volume and volatility metrics
- Derived statistical factors
- Market regime classification

### 4.2 Model Layer

- K-Model: Multi-timeframe resonance analysis
- DL-Signal Engine: Noise filtering and false breakout detection
- Risk Engine: Drawdown budgeting and exposure control

### 4.3 Execution Layer

- Smart order routing
- Slippage monitoring
- Exchange API protection mechanisms

## **5. Strategy Framework**

Crypto-K Quants strategies are categorized by structure and risk profile:

- Trend-following strategies
- Breakout strategies with confirmation filters
- Volatility-aware systematic strategies

No strategy relies on martingale, unlimited averaging, or discretionary overrides.

## **6. Risk Management**

Risk control is enforced at multiple levels:

- Per-trade risk limits
- Strategy-level drawdown caps
- Account-level exposure limits
- Automatic risk reduction during extreme market conditions

Preserving capital is treated as a prerequisite for long-term participation.

## **7. Product Offering**

- Strategy subscription services
- Automated copy-trading via API
- Signal delivery via Telegram and API
- Professional access for advanced users

Users retain full control over their accounts at all times.

## **8. Business Model**

- Subscription-based pricing
- Tiered access by strategy and risk profile
- Optional performance-based fees for qualified users
- Custom and white-label solutions for institutions

## **9. Roadmap**

- Expansion of strategy universe
- Enhanced deep-learning signal modules
- Multi-exchange infrastructure
- Institutional deployment and compliance enhancements

## **10. Conclusion**

Crypto-K Quants is not designed to chase short-term performance. It is designed to survive, adapt, and compound over time through discipline and probability-driven decision-making.

## II. Korean Version (한국어)

### 1. 목적

본 문서는 한국판 암호-키 양자 (Crypto-K Quants)의 사용 방법과 주의 사항을 설명합니다. 본 문서를 사용하여 암호-키 양자 (Crypto-K Quants)를 효과적으로 활용할 수 있도록 합니다.

### 2. 개요

Crypto-K Quants는 암호-키 양자 (Crypto-K Quants)를 사용하여 암호-키 양자 (Crypto-K Quants)를 효과적으로 활용할 수 있도록 합니다. 본 문서를 사용하여 암호-키 양자 (Crypto-K Quants)를 효과적으로 활용할 수 있도록 합니다.

### 3. 주요 내용

본 문서는 암호-키 양자 (Crypto-K Quants)의 주요 내용을 설명합니다:

- 암호-키 양자 (Crypto-K Quants)의 사용 방법
- 24시간 운영
- 암호-키 양자 (Crypto-K Quants)의 사용 방법
- 암호-키 양자 (Crypto-K Quants)의 사용 방법

본 문서는 암호-키 양자 (Crypto-K Quants)의 주요 내용을 설명합니다.


### 4. 결론

- 암호-키 양자 (Crypto-K Quants)의 사용 방법
- 암호-키 양자 (Crypto-K Quants)의 사용 방법
- 암호-키 양자 (Crypto-K Quants)의 사용 방법

### 5. 참고 사항




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#### IV. Japanese Version

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