

DEAI White Paper

Quantum-Enhanced Financial Trading Platform

PREFACE

Core positioning

Quantum computing restructures the fundamental logic of finance, while DEAI breaks through traditional computational bottlenecks

Technological base

Inheriting the 20-year legacy of high-performance computing from D. E. Shaw Group and the dual Gordon Bell Award-winning technical DNA of DESRES Laboratory

Core value

We provide end-to-end financial solutions covering pricing, strategy, allocation, and risk control for large asset managers, banks, and hedge funds.

White Paper Objectives

The system presents the technical architecture, core algorithms, measured data and industrial implementation path

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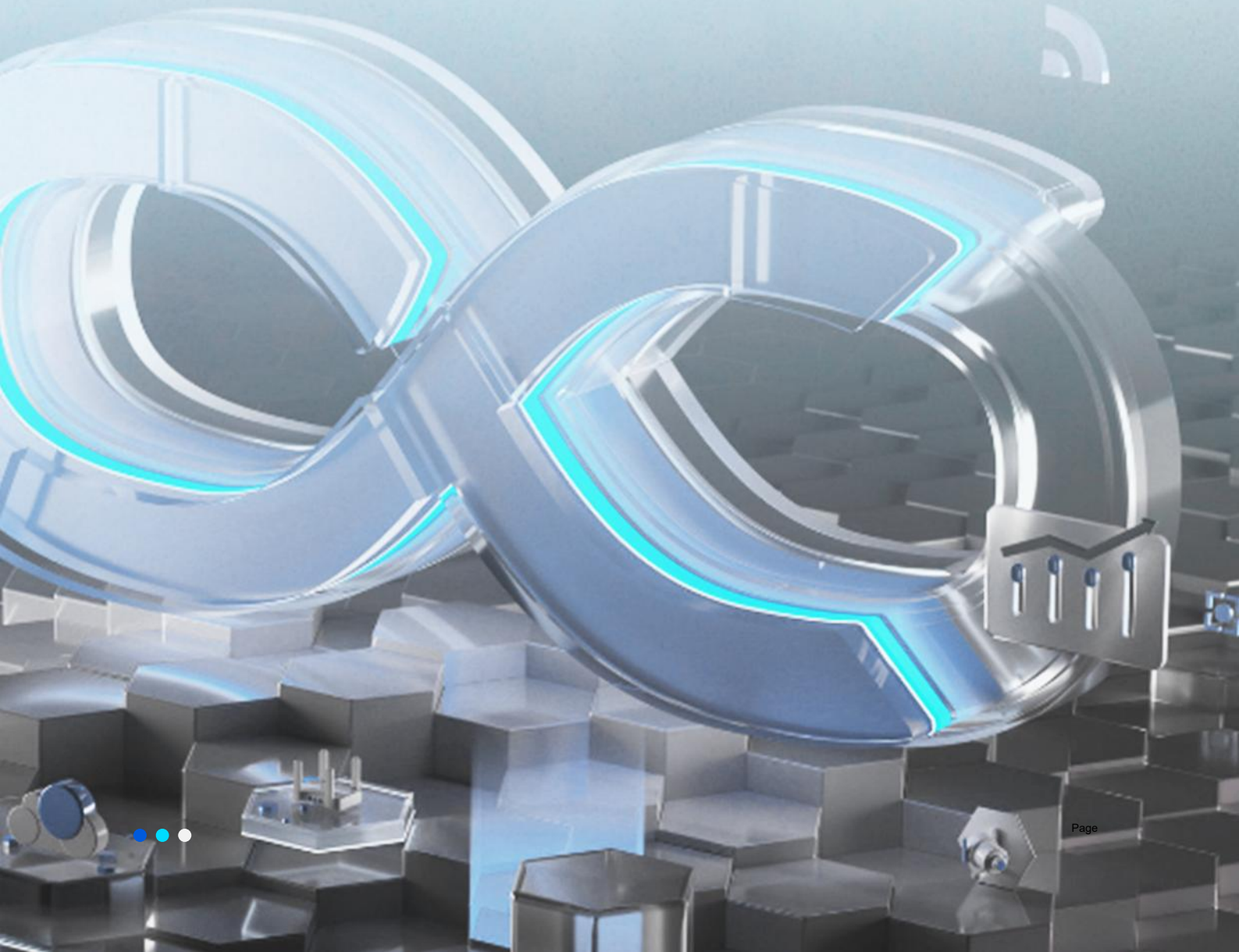
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01

Industry Insights

The quantum finance industry is experiencing explosive growth, with the market space continuously expanding.

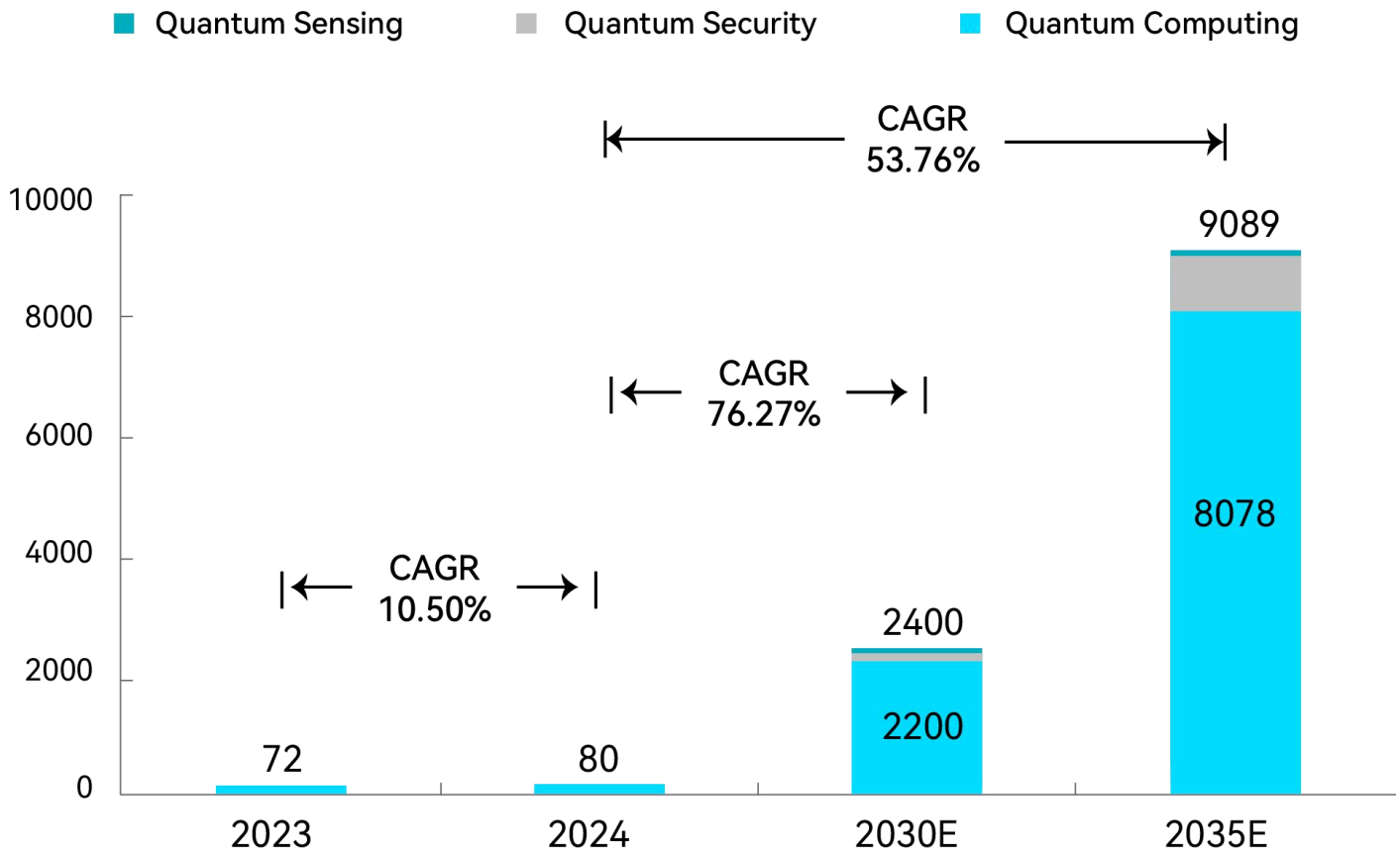


The Third Wave of Quantum Computing

- Quantum computing, the third major technological wave following the computing power revolution and artificial intelligence, is rapidly permeating the financial sector at an exponential rate.



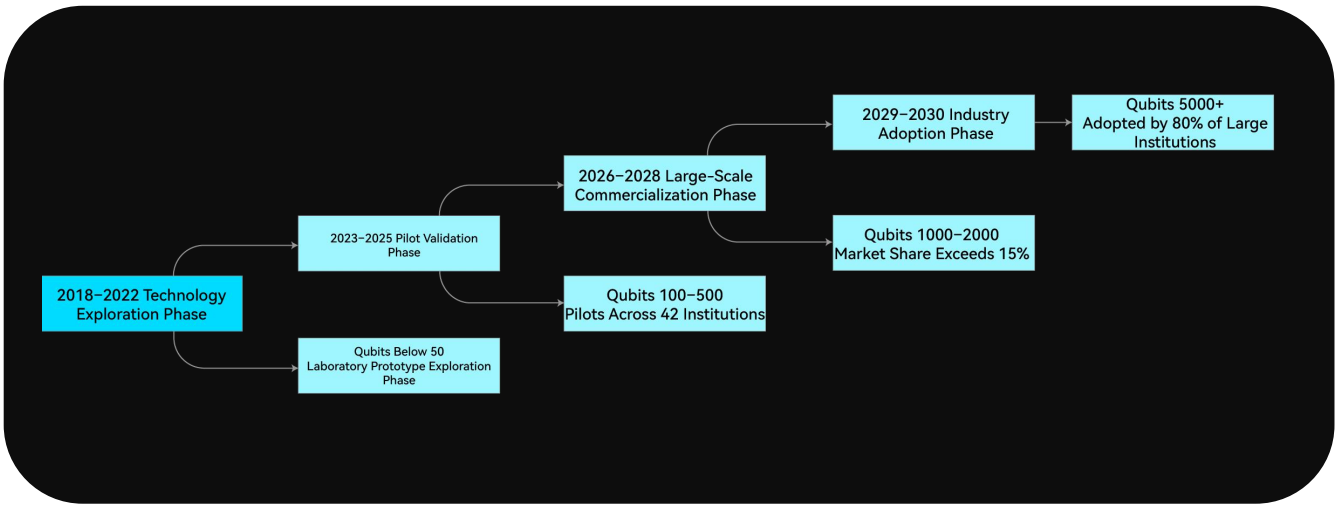
According to McKinseys "2025 Global Quantum Finance Industry White Paper", the global quantum computing market is projected to reach $5.8 billion by 2025, with the financial sector contributing $1.74 billion (30% share). The market is expected to exceed $19 billion by 2030, achieving a compound annual growth rate (CAGR) of 41.2% between 2025 and 2030 – significantly outpacing the 35% growth rate of the broader quantum computing industry. This makes quantum finance the key driver for the commercialization of quantum technology.

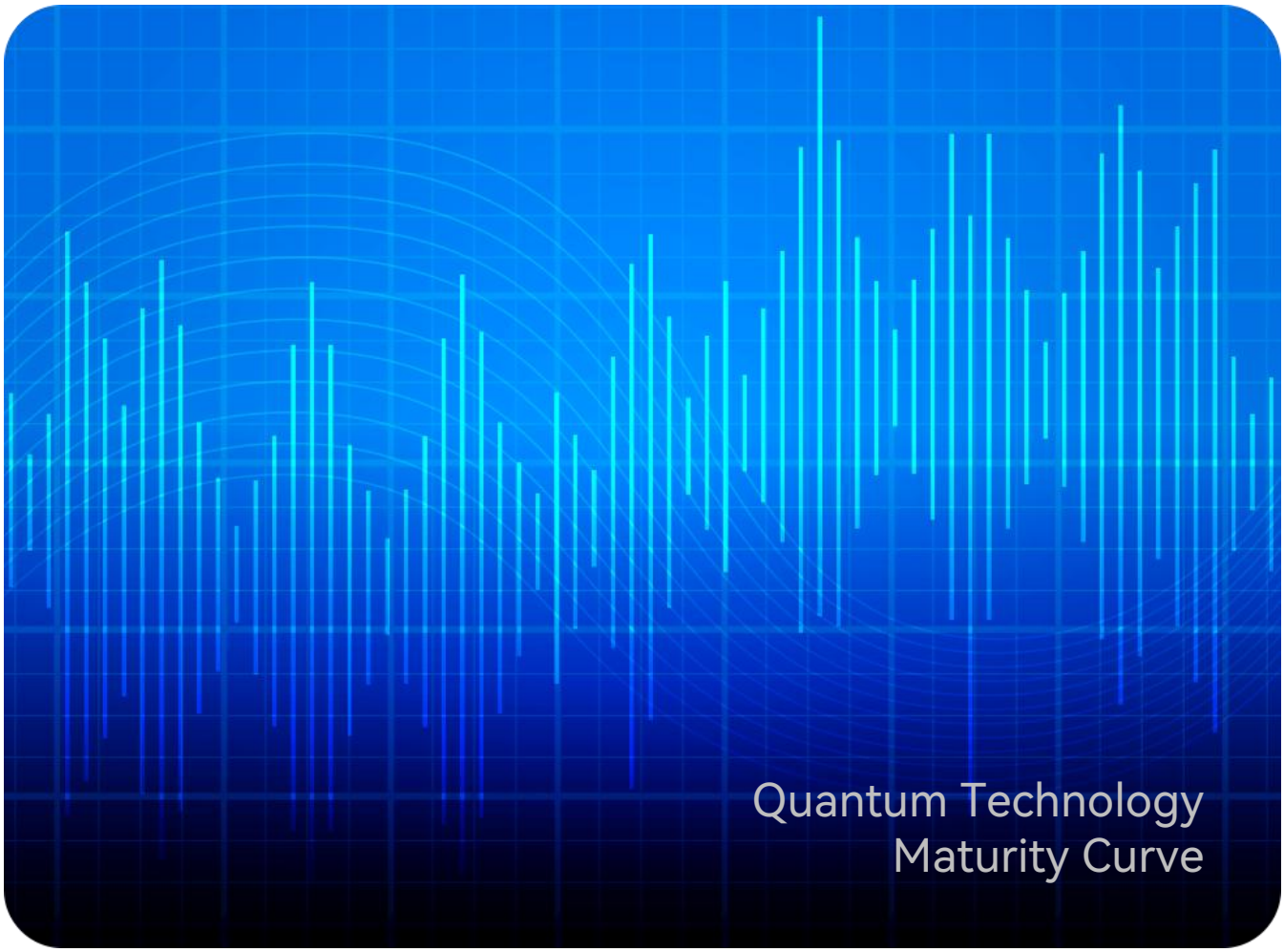


Quantum financial market size

Region/Domain	2025 scale	2027 forecast	2030 projections	CAGR	Key drivers
Global overall	1.74 billion dollars	5.23 billion dollars	19 billion dollars	41.2%	Quantum Computing Power Iteration+Financial Institution Investment
North America	900 million dollars	2.82 billion dollars	10.45 billion dollars	39.8%	Headquartered institutions pilot first with mature technology
Europe	490 million dollars	1.46 billion dollars	5.32 billion dollars	40.5%	Regulatory support and cross-border transaction demand
Asia Pacific (including China)	350 million dollars	950 million dollars	3.23 billion dollars	48.0%	Growth of emerging markets + policy support
Asset allocation scenario	610 million dollars	1.93 billion dollars	7.22 billion dollars	43.7%	High Dimension Configuration Requirement + Benefit Increase
Risk modeling scenario	440 million dollars	1.31 billion dollars	4.75 billion dollars	40.1%	black swan event response needs
High-frequency trading scenario	260 million dollars	780 million dollars	2.85 billion dollars	38.9%	low latency technology adaptation

Quantum technology maturity curve





02

Pain Points and Solutions

The bottleneck of traditional financial technology is prominent, and quantum technology becomes the key to break the deadlock



Core pain points of traditional finance

1.Asset allocation pain point

Cross market allocation	10+ market asset correlation analysis requires over 24 hours, missing the trading window
Multi-category compatibility	Traditional algorithms optimal solution deviation exceeds 15% in stock-futures-derivatives portfolio optimization
Dynamic adjustment	When market conditions shift, portfolio adjustments lag by over 48 hours, resulting in returns declining by more than 10%.



2.Risk management pain points

Risk type	Limitations of traditional systems	loss case
Market risk	Extreme market forecast lags by 30 minutes or more	In 2022, the U.S. stock market triggered circuit breakers, causing institutional investors to withdraw 12% of their holdings.
Credit risk	The accuracy rate of default probability prediction is less than 70%.	The Silicon Valley Bank Crisis, Losses of Associated Institutions 8%
liquidity risk	The liquidation spread for large orders exceeds 5%	Cryptocurrency bear market: 15%+ liquidation loss

Quantum Computing Breakthrough-Core Characteristics and Principles

1.Mathematical Expression of Superposition State and Its Financial Significance

Basic formula:

$|\psi\rangle=\alpha|0\rangle+\beta|1\rangle$ (where $|\alpha|^2+|\beta|^2=1$, probability normalization)

Expand expression:

A qubit system $|\psi\rangle=\Sigma_{i=0}^{2^n-1} c_i|i\rangle$, which simultaneously represents 2^n possible asset portfolio states.

Financial value:

10 qubits can represent 1024 asset portfolios, with exponential improvement in solving efficiency

2.principle of quantum tunneling

Energy formula:

$E_{tunnel} = E_0\exp(-2\kappa L)$($\kappa$ decay coefficient, L barrier width)

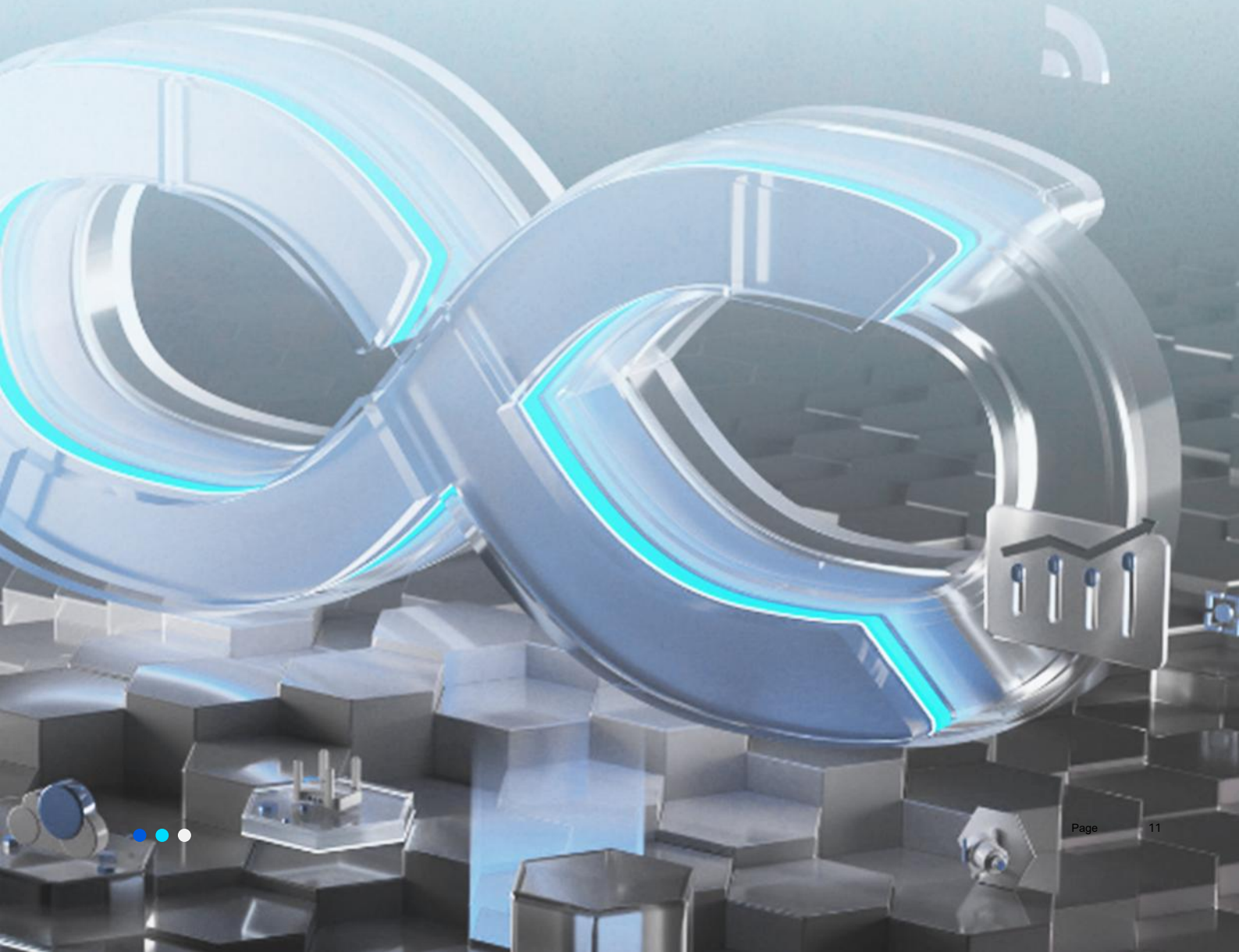
Financial adaptation:

Breaking the local optimum trap of traditional algorithms, the global optimization hit rate in high-dimensional combinatorial optimization improves by 34%

03

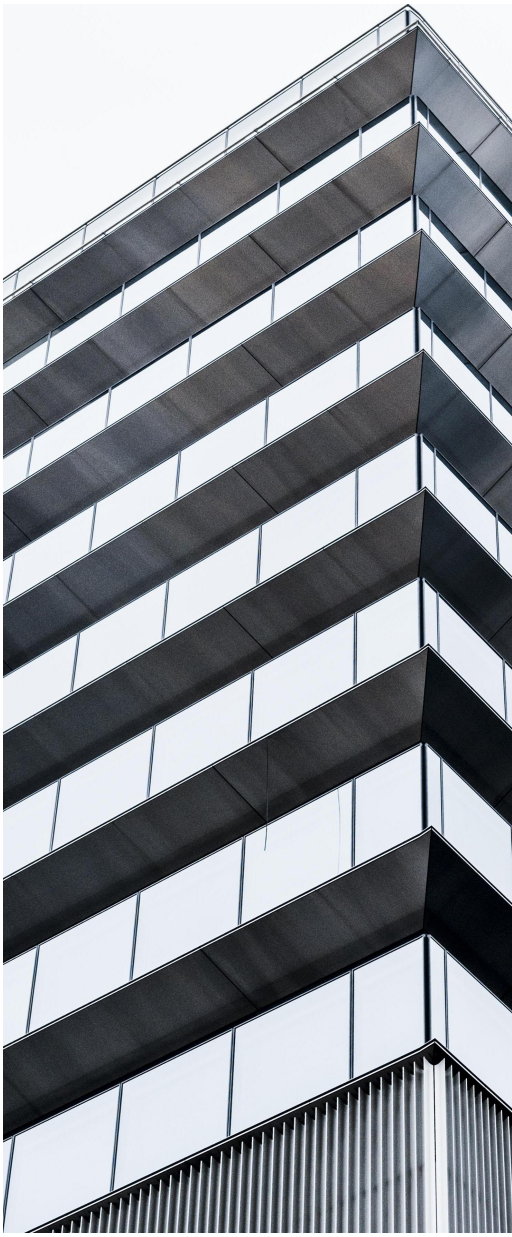
Platform Background

The Inevitable Choice of Quantitative Finance Industrialization



Parent company: D. E. Shaw Group





Founded in 1988 by David E. Shaw, a Stanford University computer science PhD and former Columbia University professor, D. E. Shaw Group is the worlds first technology-driven institution to apply supercomputing to financial transactions. With over $60 billion in assets under management, its operations span more than 30 countries and regions globally.

With interdisciplinary research breakthroughs as its core competitive edge, the group has invested over $4 billion in R&D across high-performance computing, artificial intelligence, and financial engineering. Holding more than 500 core patents, it has been ranked among MIT Technology Reviews Worlds Smartest Companies TOP50 for 10 consecutive years.

DESRES Laboratory

1.Hardware architecture

Processor	Specialized ASIC chip (single-chip computing power equivalent to 100 traditional CPUs)
Net topology	3D ring network (node-to-node latency <1ns)
Nventory system	Distributed shared memory (capacity 1PB+ and bandwidth 1TB/s)



2.Technology transmission link

- Anton parallel computing architecture → quantum-classical hybrid scheduling engine → DEAI computing power collaborative system

- Molecular dynamics simulation algorithm → Quantum annealing optimization algorithm → DEAI combined optimization module

DEAI Background

- With quantum computings financial applications becoming increasingly promising, D. E. Shaw Group launched its Quantum Finance Industrialization strategy in 2022. The group assembled the quantum physics team from the DESRES Laboratory, core financial engineering experts, and top computer science talent to establish the Quantum Finance Innovation Lab, investing hundreds of millions of dollars in dedicated R&D.



- **The laboratory achieved three major core breakthroughs over a period of three years:**
  The quantum annealing algorithm has been adapted for financial scenarios, with a quantum-classical hybrid computing scheduling architecture and standardized multi-market trading interfaces. Its prototype system demonstrated outstanding performance in simulated transactions, achieving an 18% annualized return increase while maintaining a maximum drawdown of 2.8%.



- Building on the laboratorys groundbreaking achievements, the group will formally establish its wholly-owned subsidiary DEAI in 2025, backed by strategic investments to scale up commercial applications. DEAIs launch signifies D. E. Shaw Groups strategic shift from "high-performance computing for life sciences" to "quantum computing for finance," ushering in a new era where quantum finance evolves from "pilot technology" to "industrial mainstream adoption."

Strategic Significance (Industrial Value)

TECHNOLOGICAL VALUE

Filling the Gap of Global Commercial Quantum Financial Platform and Promoting the Application of Quantum Technology from Laboratory to Industry

INDUSTRY VALUE

Provide a Disruptive Path to Improve Efficiency for the Financial Industry

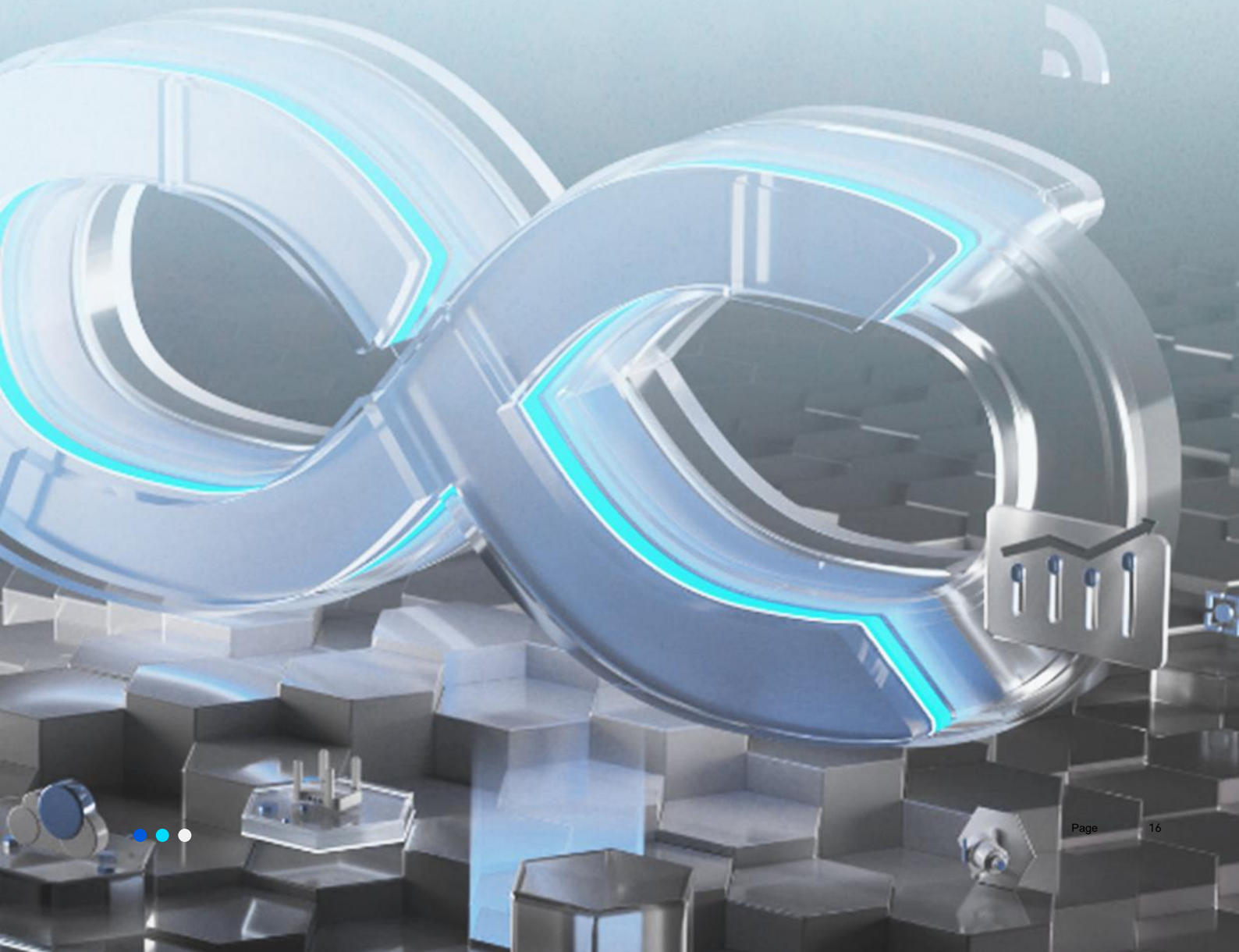
GROUP VALUE

Strategic Extension from High-Performance Computing in Life Sciences to Financial Quantum Computing: Building a New Growth Curve

04

Company introduction

Global Service Provider in Quantum Finance, Building a Full Ecological Technology Service System





Company Overview

As a wholly-owned subsidiary of D. E. Shaw Group, DEAI employs over 300 staff worldwide, with R&D teams comprising 62% of the workforce and 28% holding doctoral degrees or higher. Its core team brings together the worlds top talents:

Financial Engineering Team:

The core members are all from institutions such as D. E. Shaw Group, Bridgewater Associates, and Goldman Sachs, with an average of over 15 years of experience in financial trading.

Research Support:

The DESRES laboratory shares resources from over 50 quantum computing experts and 200+ high-performance computing engineers, establishing a full-chain R&D system covering basic research, technology transfer, and scenario-based applications.



Mission · Vision · Values

Mission

Quantum computing technology breaks through the computational bottleneck of financial transactions, redefines the efficiency and precision of financial decision-making, and empowers financial institutions to achieve sustainable value creation.

Vision

To become a global leader in quantum finance, we will build an industrial ecosystem that deeply integrates quantum computing with financial services, ushering the financial sector into a new era of quantum-enhanced intelligence.

Sense of worth

Driven by scientific research, we pursue cutting-edge innovation, prioritize customer needs, and foster ecosystem synergy. With technical integrity and professional expertise, we are the most trusted partner in quantum finance.

Key technical features



Highlight 1

• Optimization of Ion Trap Technology

DEAI achieves 99.99% fidelity in two-qubit gates, making it ideal for high-precision financial computations and risk pricing scenarios to ensure reliable results.

Highlight 2

• Application of Superconducting Technology

The system employs Chiplet multi-chip interconnect technology, with gate delay controlled at 50-60ns, significantly improving high-frequency trading response efficiency to meet institutional demands.

Highlight 3

• Quantum annealing technology implementation

By enhancing portfolio optimization and dynamic risk modeling capabilities, it can efficiently solve complex financial optimization problems and achieve global optimal allocation of multiple assets.

Highlight 4

• Full-stack post-quantum security protection

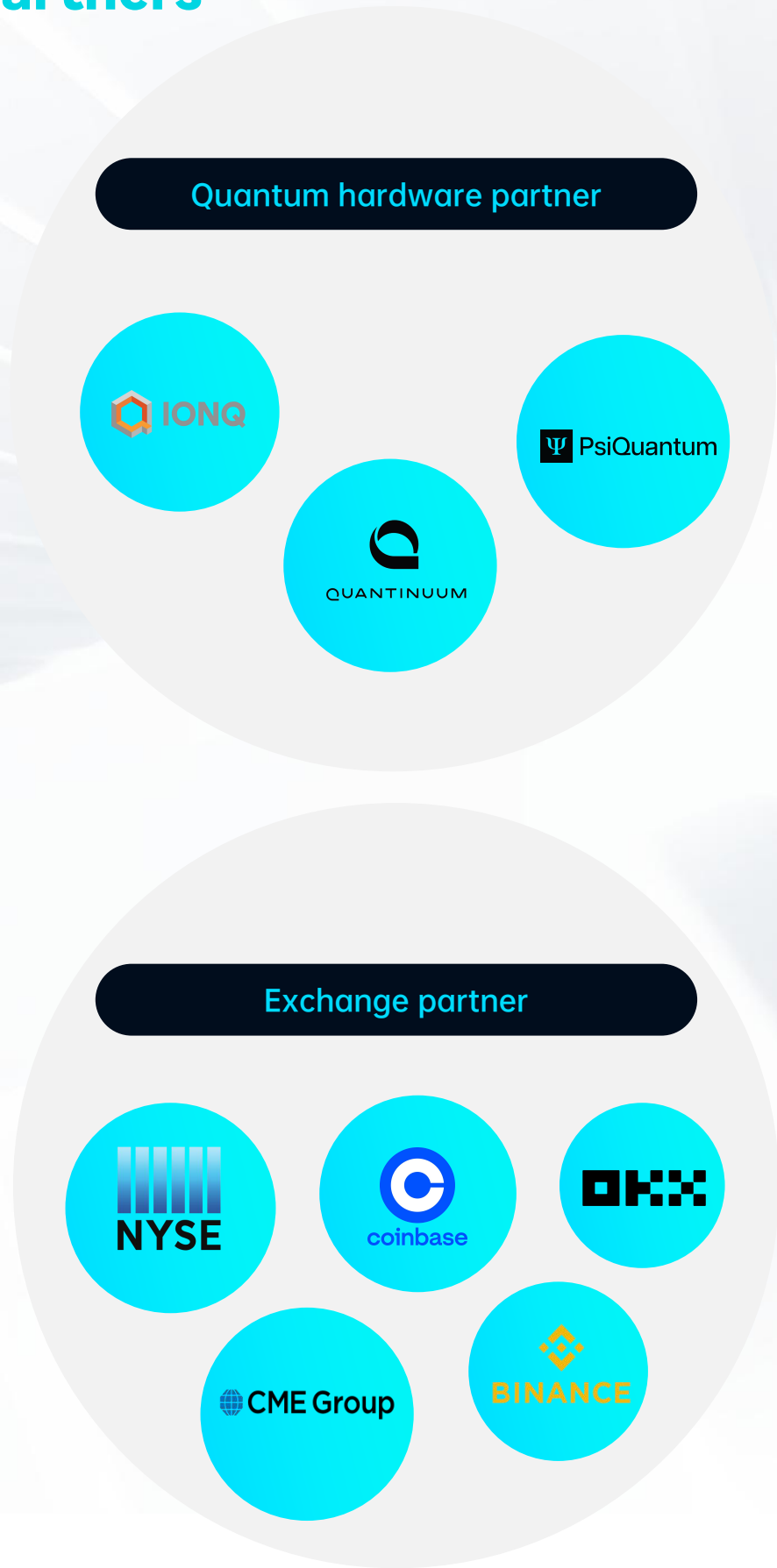
We have developed a full-stack encryption system integrating both software and hardware, along with embedded security chips that meet multiple international high-level security standards, ensuring secure transactions.

Highlight 5

• Full-stack self-developed

Develop a vertically integrated full-stack quantum platform to achieve self-developed and iterative progress in chips, software, and services.

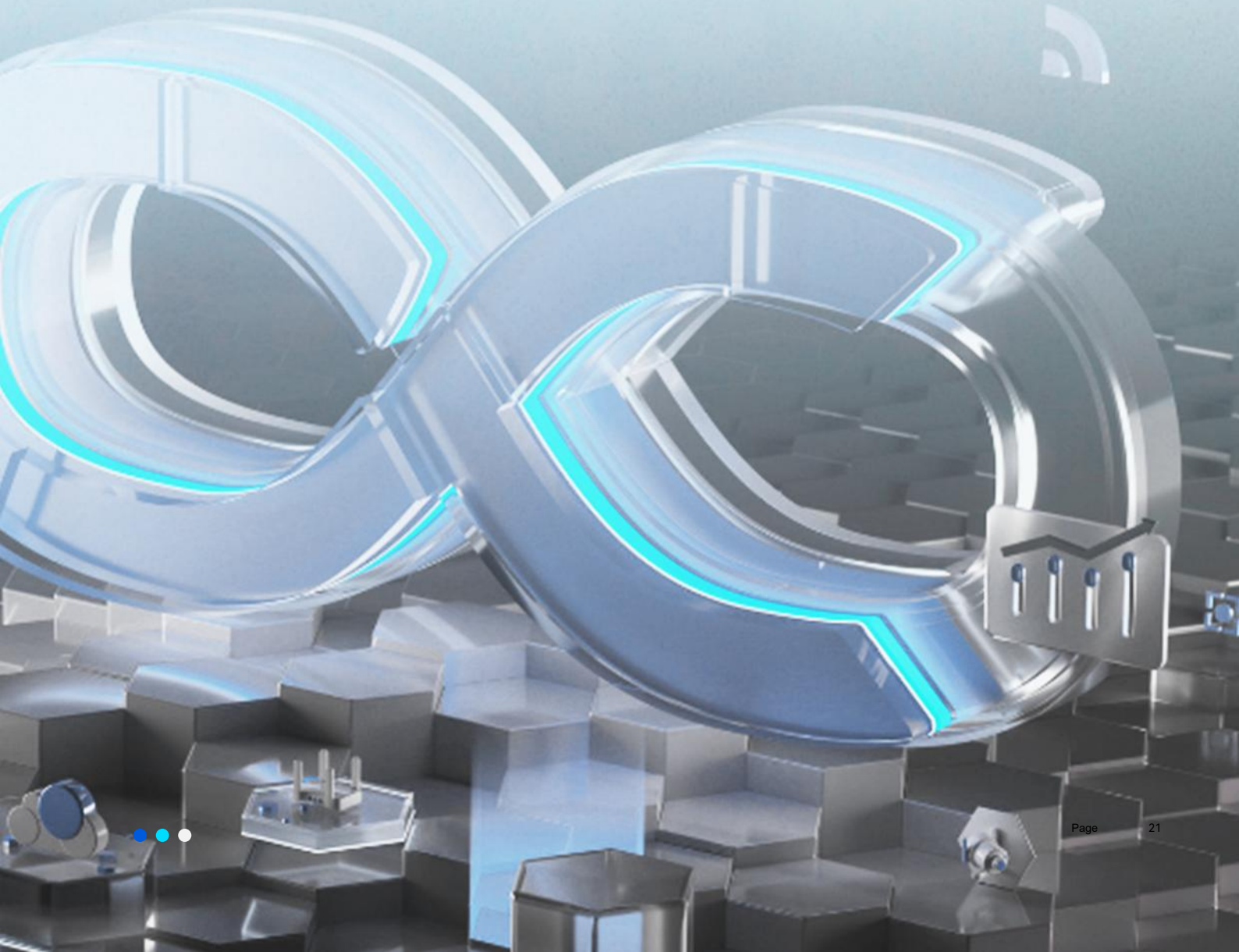
Eco-partners

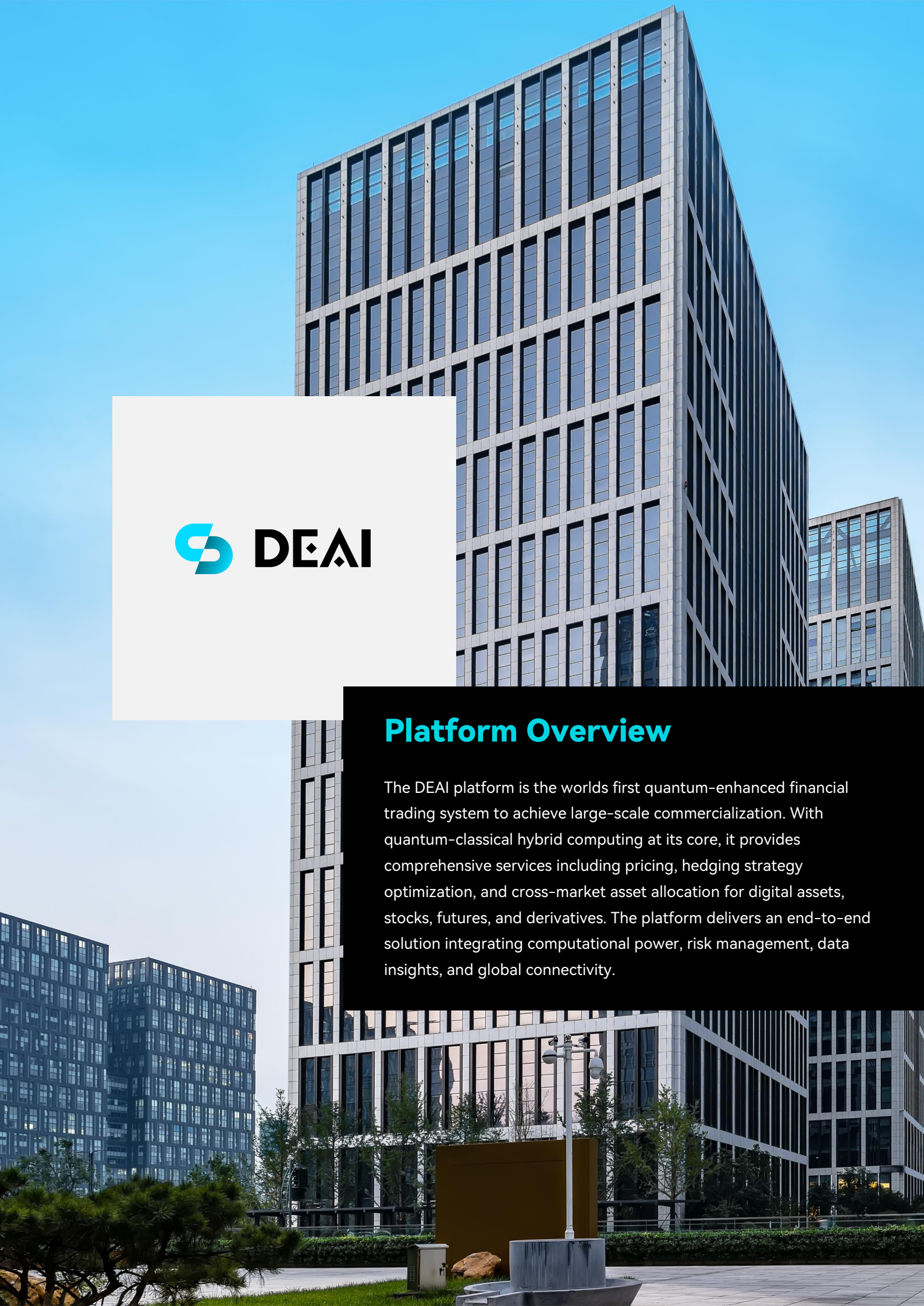


05

Platform Introduction

Quantum-classical hybrid drive, defining the standard of next generation financial transaction system





DEAI

Platform Overview

The DEAI platform is the worlds first quantum-enhanced financial trading system to achieve large-scale commercialization. With quantum-classical hybrid computing at its core, it provides comprehensive services including pricing, hedging strategy optimization, and cross-market asset allocation for digital assets, stocks, futures, and derivatives. The platform delivers an end-to-end solution integrating computational power, risk management, data insights, and global connectivity.

Core competitive advantage

Contrast dimension	DEAI terrace	Traditional Financial Technology terrace	Other quantum finance newly established company
Technological inheritance	Inheriting 20 years of high-performance computing R&D legacy from D.E.Shaw Group, we share the core technologies of DESRES Laboratory.	Based on traditional AI and cloud computing architectures, it lacks quantum technology accumulation.	Relying on external quantum hardware manufacturers, with weak independent R&D capabilities
Computing power support	Exclusive access to the worlds top 3 quantum hardware, with our proprietary quantum-classical hybrid computing scheduling engine	Relying solely on classical computing power has limited capability for solving high-dimensional problems.	Computing resources are unstable and lack compatibility
Scenario implementation	It has been commercialized on a large scale, serving 18 of the worlds top financial institutions.	Focusing on a single scenario, with no large-scale implementation cases	Still in the technical pilot phase, not yet commercialized
Risk Management	Limit maximum drawdown to 3% or less, with an extreme market response time under 10 microseconds.	The maximum drawdown is generally 8%-12%, with a response time>100 microseconds.	The risk model has not been validated in extreme market conditions, resulting in insufficient stability.
Global network	Covering over 20 major exchanges with localized services at four regional headquarters	Limited access to global markets due to regionalized layout	No global service network, poor cross-border transaction adaptability

Four core engines

Quantum-classical hybrid computing transaction engine

The quantum annealing algorithm optimizes high-dimensional portfolio problems, reducing the optimization time for over 100 assets from 3 hours to 2 minutes while boosting the optimal solution hit rate from 58% to 92%. It supports real-time portfolio adjustments for 1,000+ assets, meeting the core needs of large-scale asset management institutions.

Quantum risk sensing system

The dual-dimensional risk model developed with quantum machine learning algorithms enables 30-minute early detection of market risks and achieves a 65% improvement in credit risk warning accuracy. Under extreme market conditions, it strictly controls maximum drawdown within 3%, demonstrating over 50% enhanced risk control capability compared to traditional systems.

Photonic transaction execution engine

Leveraging the parallel processing capabilities of optical quantum computing, the order issuance and confirmation latency is reduced to 0.3 microseconds, representing an 80% decrease compared to the industry average of 1.5 microseconds. It also supports low-latency integration with over 20 major exchanges, enhancing cross-border transaction execution efficiency by 40%.

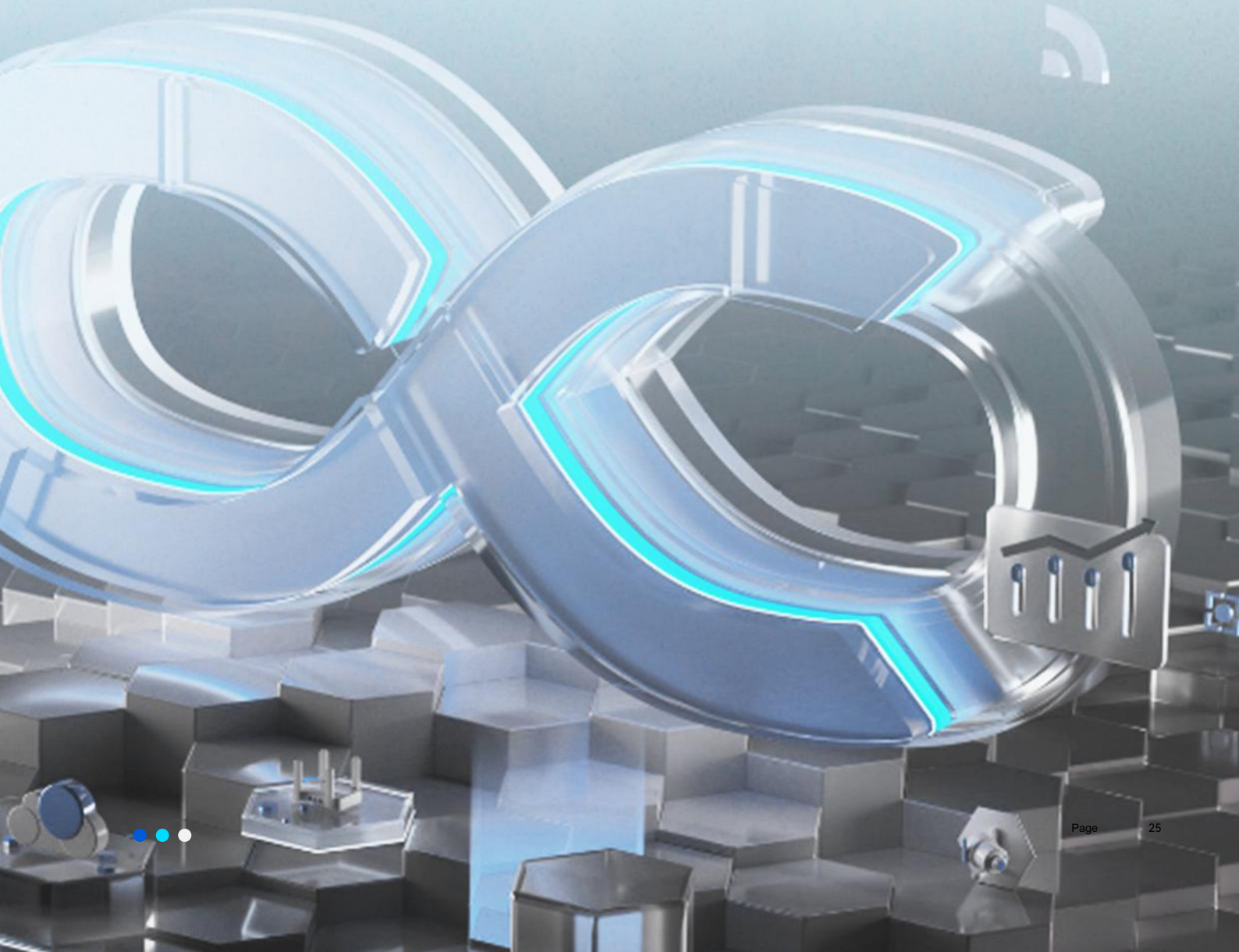
Heterogeneous Data Middle Platform

By integrating over 100 data sources covering financial markets in more than 60 countries and regions worldwide, the system employs quantum machine learning algorithms to uncover data correlations. This accelerates market insight generation by threefold and enhances accuracy by 50%, delivering precise decision-making support.

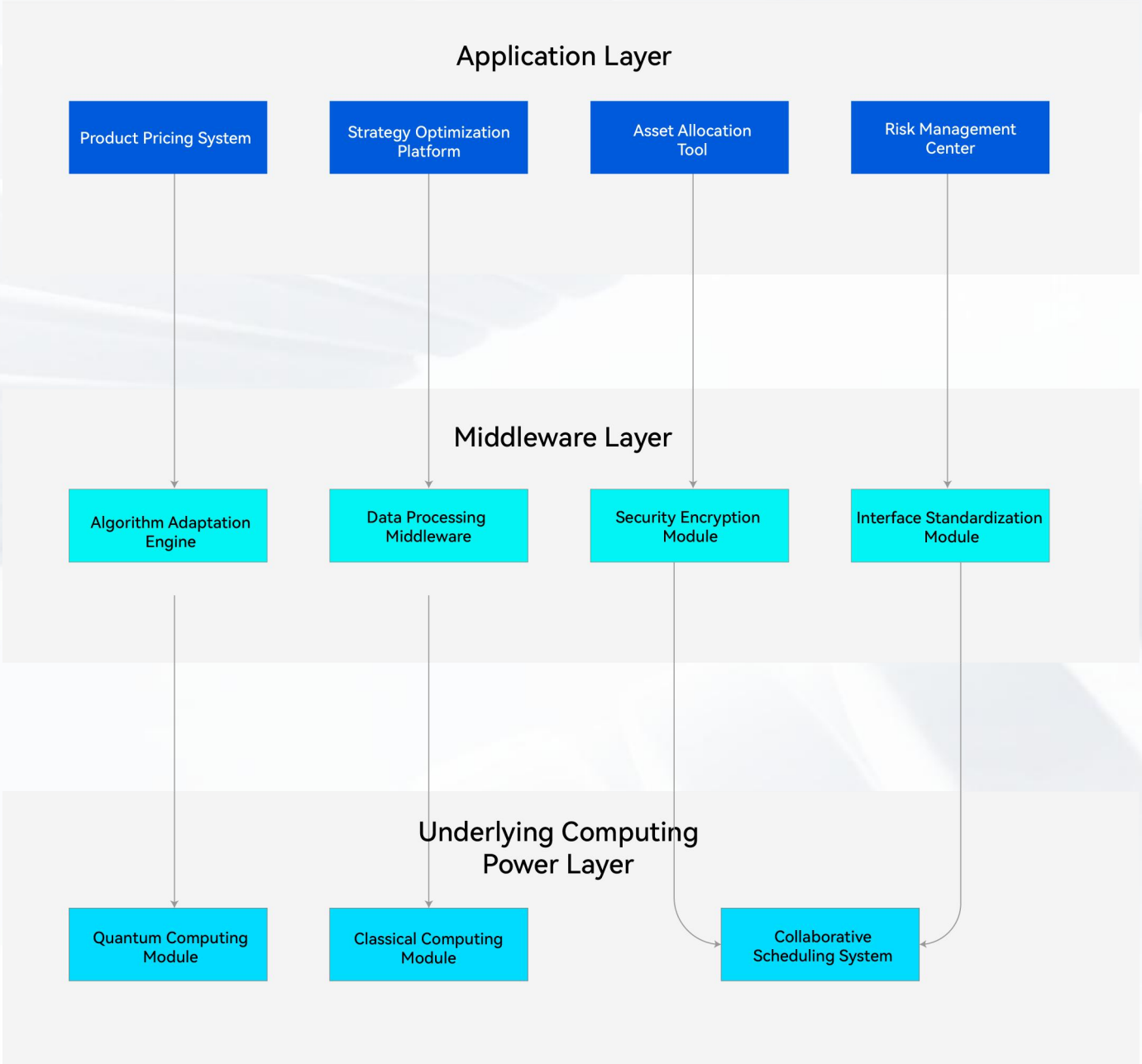
06

Technology architecture

Constructing the Barrier of Quantum Financial Technology



Overall architecture



The underlying computing layer (quantum computing module)

1.Quantum computing power allocation

Quantum processor	Number of qubits	Gate fidelity	Coherence time
IonQ Aria	350Qubits	99.9%	100μs
PsiQuantum X2	500Qubits	99.85%	80μs

2.Quantum algorithm support

Quantum annealing algorithm:	High dimensional combinatorial optimization
Variational Quantum Algorithm (VQE):	Derivative pricing
Quantum Approximation Optimization Algorithm (QAOA):	Strategy optimization
Quantum machine learning （QML）:	Risk modeling/data mining

Bottom layer computing power layer (coordinated scheduling system)

1.Principles of scheduling algorithm

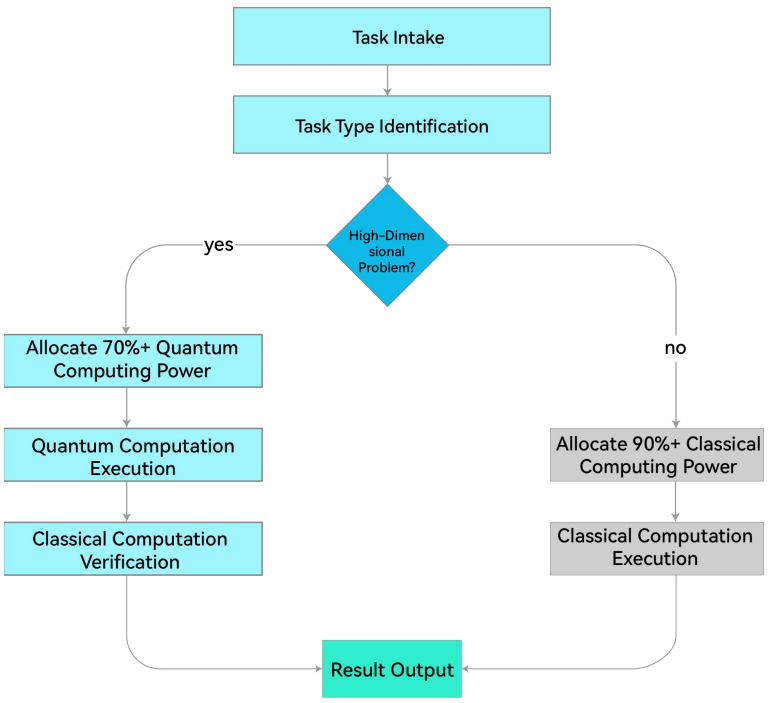
Core Formula

$T = \omega_1 T_q + \omega_2 T_c$ (where ω_1 and ω_2 are weights, T_q is the quantum computing time, and T_c is the classical computing time)

Dynamic weight adjustment

Task-based approach (high-dimensional optimization $\omega_1=0.7$, transaction execution $\omega_2=0.9$)

2.Scheduling flow logic diagram



middleware layer

1.Quantum security technology

Quantum key distribution (QKD)

Key generation based on quantum mechanics principle, unconditional security

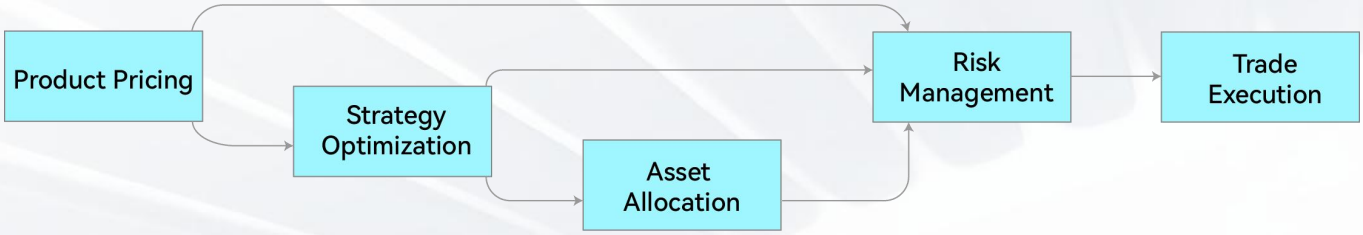
Post quantum cryptography (PQC)

Encryption Algorithm Resistant to Quantum Computer Cracking (NTRU/SPHINCS+)

2.Security protection system

Protection Level	Technological means	Security classification
Secure transmission	QKD+TLS1.3	Anti quantum cracking
Storage security	PQC Encryption+Distributed Storage	Complies with the highest level of ISO27001
Computationally secure	Trusted Execution Environment (TEE)	Prevent tampering with computing resources
Access Security	Multi-factor Authentication+Quantum Fingerprint	Zero trust access control

Application Layer (Core Functional Modules)



Building block design

Support on-demand module combination

Personalized configuration

Tailor to diverse customer needs

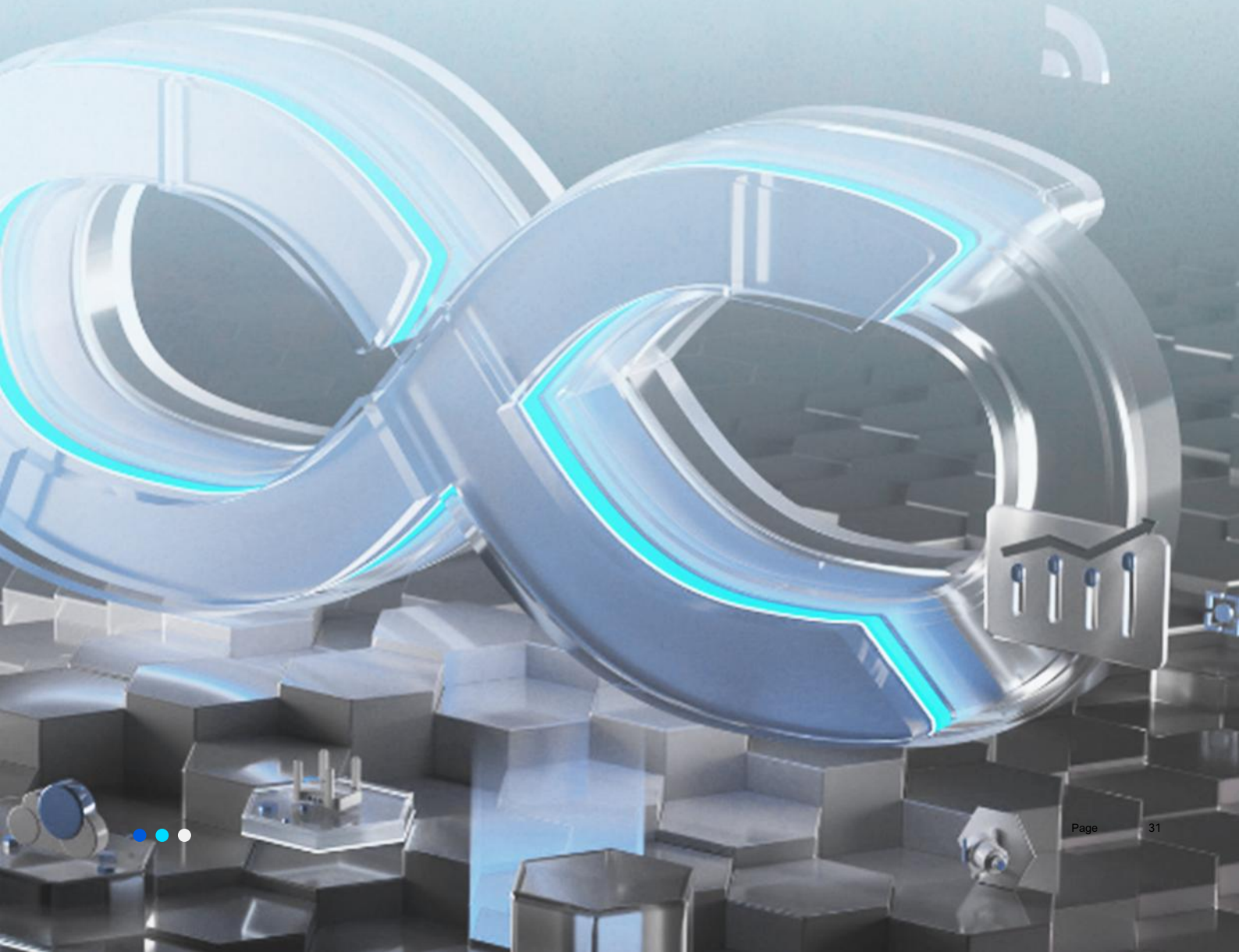
Low-code access

API/SDK integration in under 2 weeks

07

Core Engine

Quantum-classical hybrid computing transaction engine



Algorithm Principle

1.Quantum Annealing Algorithm Financial Fit

4

Problem Transformation:Portfolio Optimization→Ising Model Mapping

Asset = spin particle, allocation weight = spin direction

Target of energy yield = minimum energy state, constraint condition = barrier function

Hamiltonian construction: $H = \Sigma_{ij} \quad w_{ij} \quad \sigma_i\sigma_j \quad + \Sigma_i \, h_i\sigma_i$ (where w_{ij} denotes asset correlation and h_i represents asset returns)

2.Hybrid computing flow

Process 1

Quantum annealing to solve the global optimal solution candidate set (1000+ groups)

Process 2

Classic Convex Optimization Algorithm for Screening Feasible Solutions (Satisfying Liquidity/Risk Constraints)

Process 3

Adjust the combination weights dynamically and output the final configuration

Performance test

Performance Comparison of Different Asset Dimensions

Asset quantity	Traditional systems are time-consuming	DEAI platform time	Amplitude of increase
50 kinds	45min	30s	89%↓
100 kinds	3h	2min	98%↓
500 kinds	24h+	15min	99%↓
1000 kinds	nonsupport	45min	-

Scene adaptation

1.Adaptive scenario segmentation

Application scenarios	Core advantage	Customer Case Results
Major asset allocation	Cross market linkage optimization	An annualized return on pension funds plus 8%
Sector rotation allocation	Accurate capture of industry relevance	A fund industry rotation yield of +12%
Multivariate combination	Factorial weight quantum optimization	A multi-factor IC asset management model with a 0.08 return
Portfolio of derivatives	Multi-contract hedge optimization	The hedge cost of an investment bank is-25%.

2.Scenario adaptation tool

1. **Custom constraints:**

   Supports parameter settings for liquidity, risk, and industry exposure

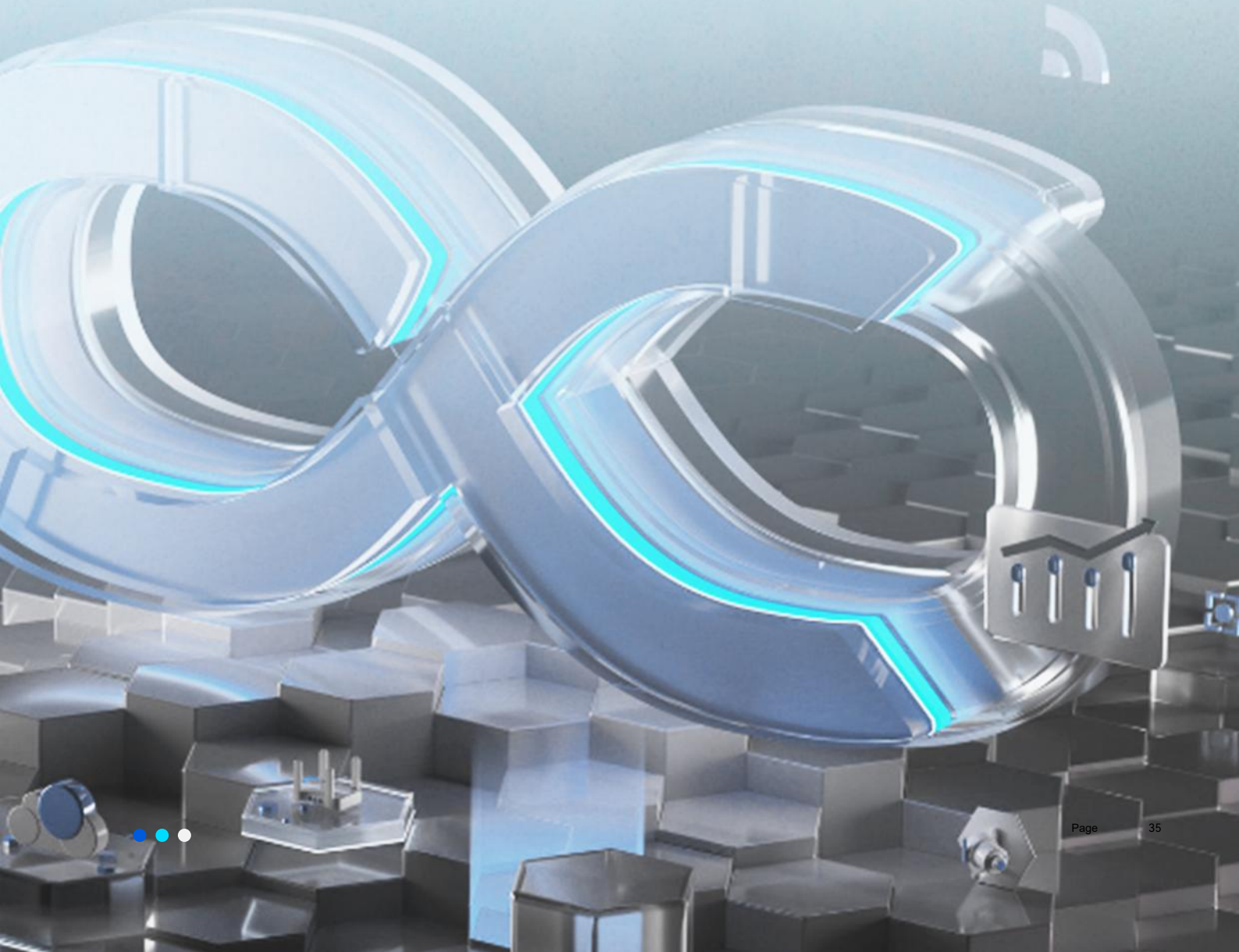
2. **Generate report with one click:**

   Integrated output of configuration plan, performance forecast, and risk analysis

08

Product portfolio

Multi-asset adaptation for stocks, futures, and digital assets



With over 200 asset types

- Shares

Stock

S&P 500 Index, Nasdaq 100 Index, Dow Jones Industrial Average...

- Futures

Futures

Energy futures (CME, NYMEX), precious metals futures (CME)...

- Figure property

Digital assets

BTC、 ETH...

Quantum-enhanced stock trading solution (feature details)

1.Core functional modules

Functional module	Core competence	Technical Support
Quantum strategy stock selection	Multivariate plus alternative data quantum optimization screening	QML algorithm
Sector rotation strategy	Quantum prediction of industry prosperity + rotation optimization	Quantum annealing algorithm
Multifactorial strategy enhancement	Factor Weight Quantum Optimization and Effectiveness Improvement	QAOA algorithm
Stock hedge design	Accurate hedging target matching and position optimization	Quantum risk model

2.functional characteristics

Custom factor library:

Support customers to add custom factors

Strategy backtesting:

Quantum acceleration backtesting, 10-year data backtesting <1h

Live tracking:

Real-time monitoring and dynamic optimization of policy performance

Report generating：

Integration of Stock Selection Logic, Performance Analysis and Risk Assessment

Quantum-enhanced Stock Trading Solution (Performance Data)

key performance indicator

Metric	Traditional system	DEAI terrace	Amplitude of increase
Stock selection accuracy	65%	90%	35%↑
Annualized return on sector rotation	8%-12%	20%-28%	12%-18%↑
Multivariate IC value	0.08-0.12	0.16-0.20	0.08-0.12↑
Hedging cost	Baseline value 100	75	25%↓

Futures and derivatives quantum trading platform

1.Core functional modules

Functional module	Core competence	Technical Support
Precise futures pricing	The Basis Analysis and Quantum Pricing Model	VQE algorithm
Basis arbitrage strategy	Capture of arbitrage opportunities across time and varieties	Quantum annealing algorithm
Option Greeks calculation	Quick and accurate calculation of Delta/Gamma/Vega	Quantum approximate algorithm
Pricing of credit derivatives	Probability of default prediction+risk pricing	QSVM model

2.Product features

Full category coverage: Commodity/financial futures/option/credit derivatives

Real-time pricing: Derivative pricing delay <1 second

Arbitrage monitoring: Monitor all market arbitrage opportunities in real time with <100ms alert response

Risk integration: Seamless integration with quantum risk sensing system for real-time risk control

Quantum Trading System for Digital Assets

1.Core functional modules

Functional module	Core competence	Technical Support
Multicurrency pricing	Real-time Pricing and Premium Analysis across Exchanges	quantum pricing model
Cross exchange arbitrage	Real-time monitoring and execution of multi-exchange spread	Photonic transaction engine
leverage trading risk control	Real-time risk monitoring and dynamic position adjustment	Quantum risk sensing system
Digital asset portfolio allocation	Multi-currency Portfolio Optimization+Return Enhancement	Quantum annealing algorithm

2.Product features

Multi-exchange integration: Over 20 major exchanges including Binance, Coinbase, and OKX

All currencies supported: Over 100 mainstream digital assets including BTC and ETH

Flexible leverage configuration: 1-100x leverage with real-time risk control

24/7 uninterrupted trading: Adapt to the characteristics of digital asset market

Cross market asset allocation platform

1.Core functional modules

Functional module	Core competence	Technical Support
Global asset allocation	Stock/Bond/Commodity/Crypto Optimization	Quantum annealing algorithm
Cross region risk hedging	Exchange rate/ geopolitical risk hedging	Quantum risk model
Multicurrency exchange rate management	Real-time Exchange Rate Monitoring and Hedging Strategy	Quantum Computing Exchange Rate Forecast
ESG factor integration	ESG score + green asset allocation	QMLESG factor mining

2.Product features

1 **Personalized configuration：** Customize plans based on risk preference, return target, and constraints

2 **Dynamic rebalancing:** Automatically adjust the portfolio when market conditions change to minimize rebalancing costs

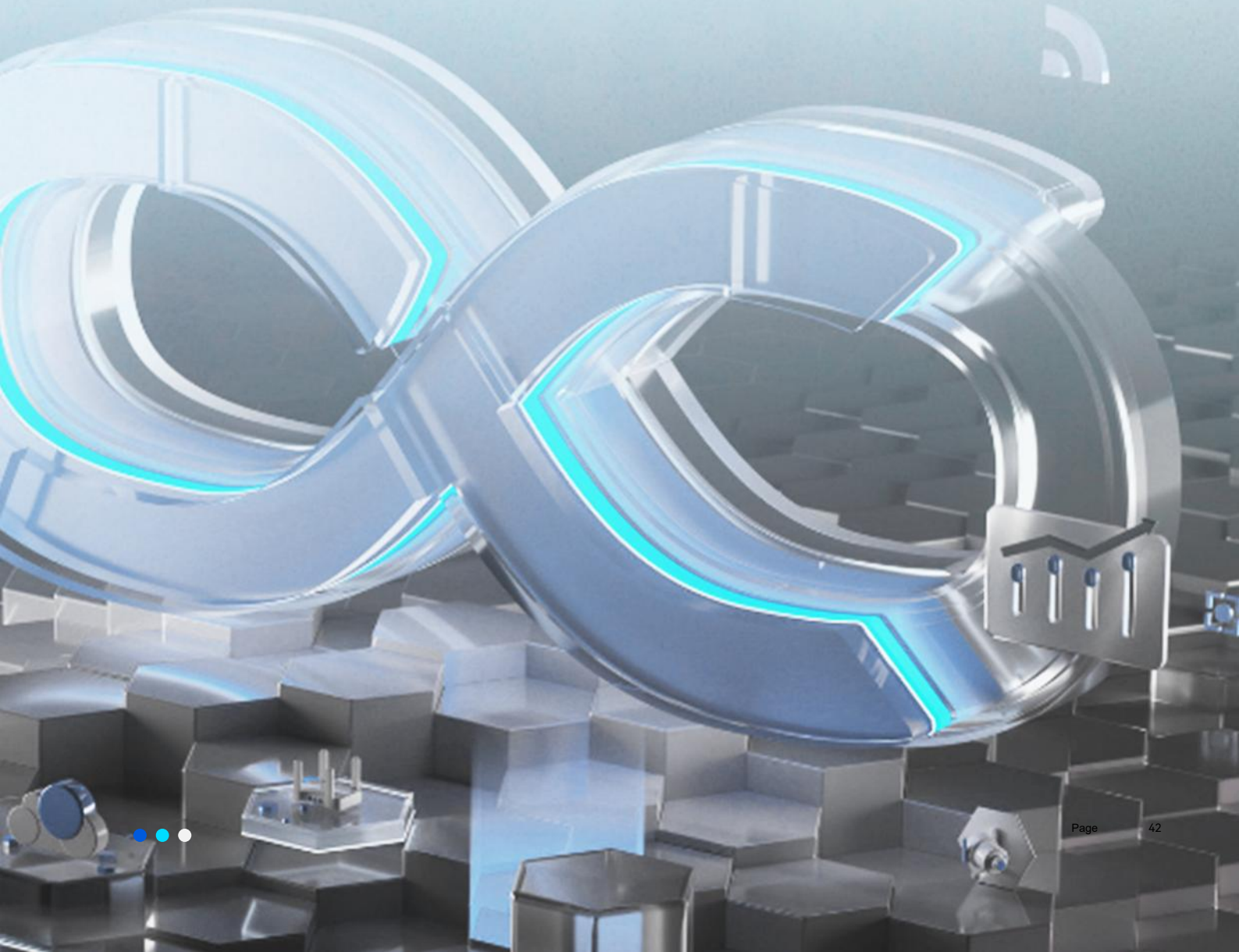
3 **Global market coverage:** Over 60 countries, 20+ asset classes

4 **Visualization tools:** Configuration/Performance/Risk Multidimensional Visualization

09

Investment strategy

Adopt advanced investment strategies



Quantum Annealing Cross Asset Arbitrage Strategy

- **Arbitrage yield model:**

$$R_{arb} = \sum_{i=1}^{n} w_i \left(P_i^{target} - P_i^{actual}\right) - C_{trans}$$

(w_i quantum optimization weight, P_i^target theoretical price, P_i^actual actual price, C_trans transaction cost)

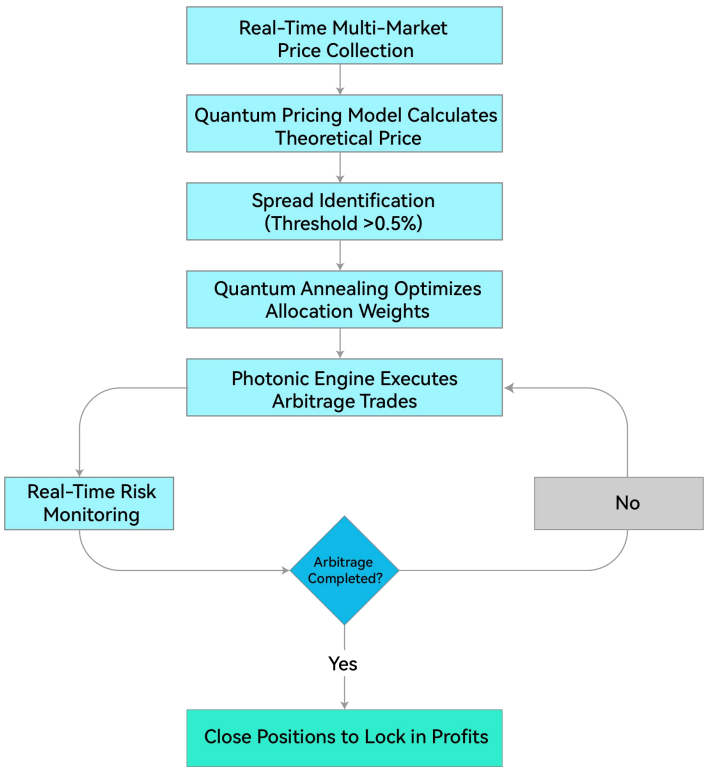
- **Quantum annealing objective function:**

$$\min H = \sum_{ij} w_{ij}\,\sigma_i\sigma_j + \sum_i h_i\,\sigma_i + \lambda R_{arb}$$

(λ is the return constraint coefficient, σ_i is the asset allocation state {+1, −1})

- **Quantum annealing objective function:**

$$\frac{\partial H}{\partial w_i} = 0 \implies w_i = \frac{P_i^{target} - P_i^{actual}}{\sum_j w_{ij}\sigma_j + h_i}$$



High Frequency Trading Strategy of Quantum ML

1.Quantum Neural Network (QNN) Architecture

input layer： Order flow, volume, and order book data (128-dimensional features)

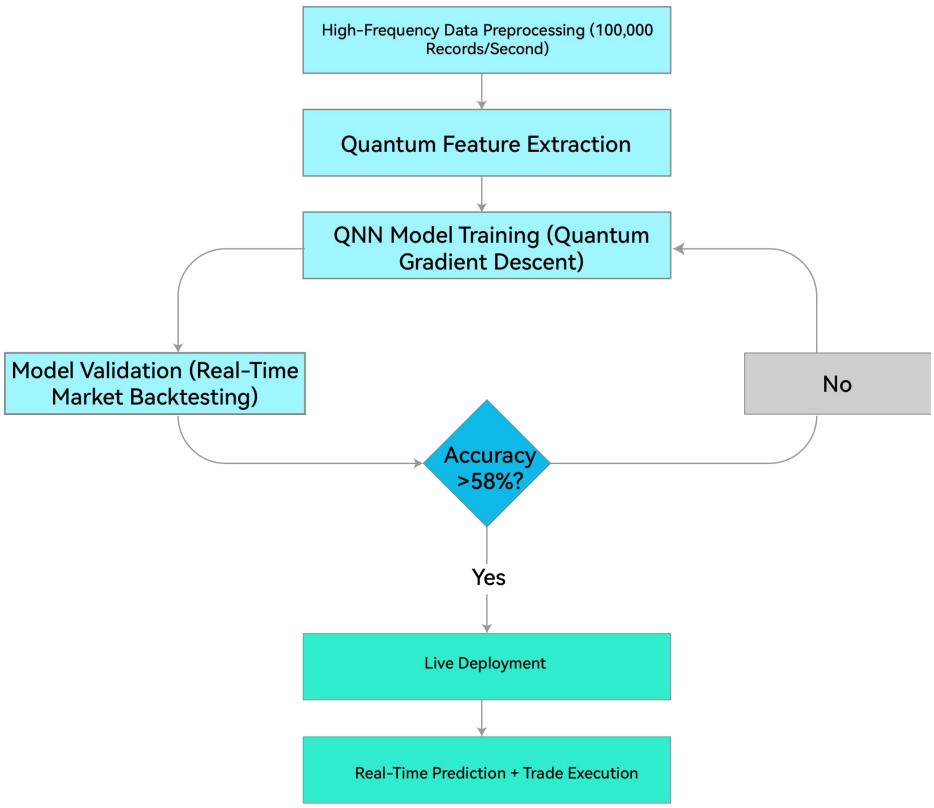
Quantum hidden layer: 2-layer quantum entanglement gate (CNOT gate + RZ rotation gate)

output layer： Price Forecast (Binary Classification, Activation Function) $S(\theta) = \frac{1}{1+e^{-\theta}}$

loss function：

$$L = -\sum_{k=1}^{m} y_k \log \hat{y}_k + (1 - y_k) \log (1 - \hat{y}_k)$$

(y_k true label, y_k quantum model prediction)



Quantum Risk Perception Hedging Strategy

Two dimensional risk hedging formula

- **Account-level hedge positions:**

$$H_{acc} = \beta_{quantum} \times VaR_{quantum}$$

β_quantum is the quantum computing risk coefficient)

$$VaR_{quantum} = E[R] - z\sigma_q$$

- **Market-level hedging strategy:**

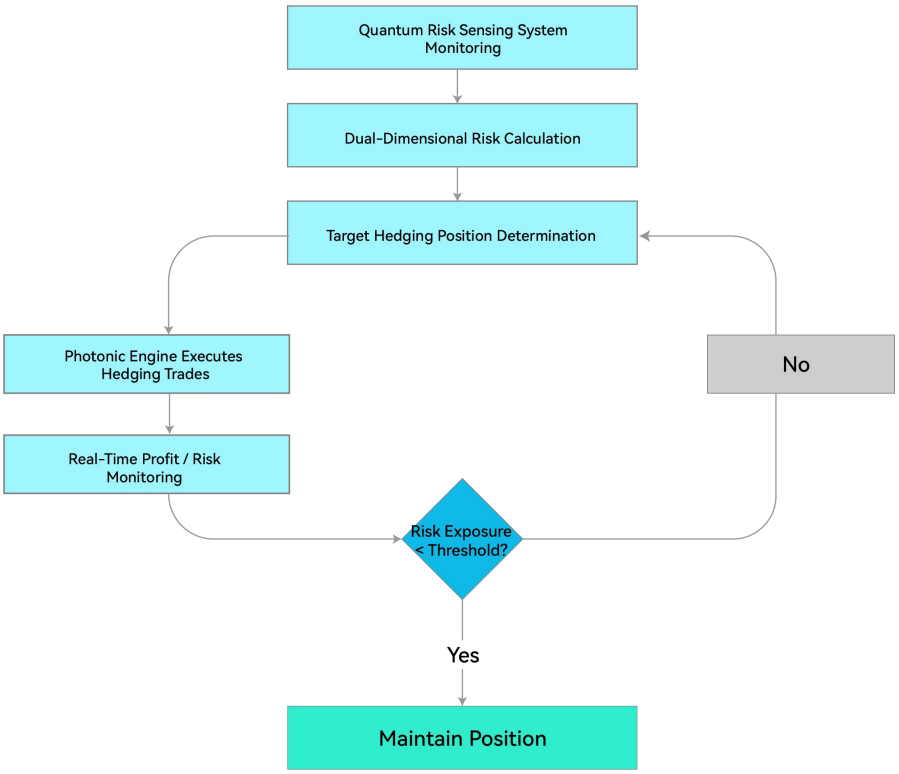
$$H_{mar} = \sum_{k=1}^{m} w_k H_k$$

(w_k is the scenario weight, H_k is the hedging position for the k-th extreme scenario)

- **Dynamic adjustment equation:**

$$\frac{dH}{dt} = \alpha(H_{target} - H_{current}) + \gamma \frac{dR}{dt}$$

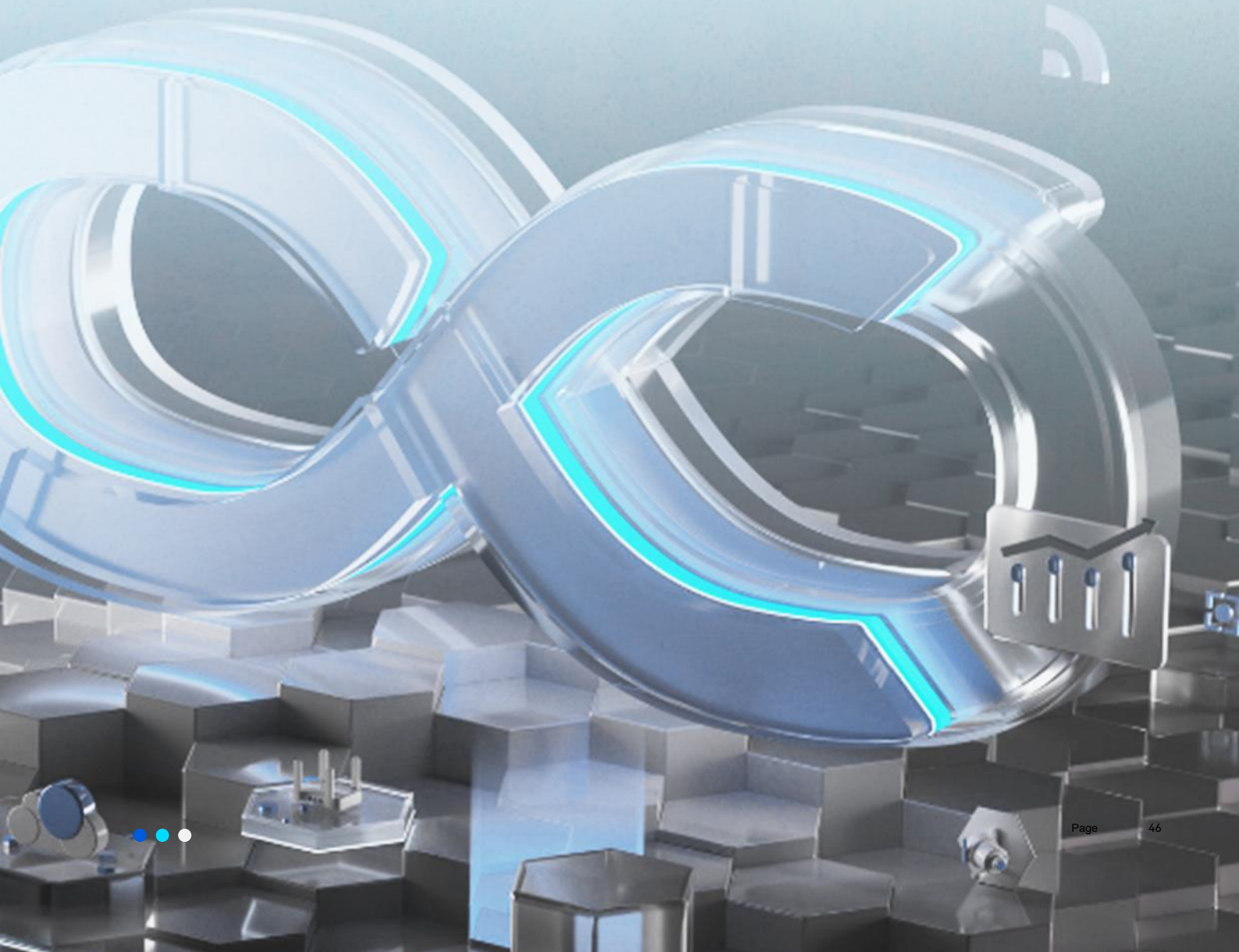
(α adjustment rate, γ benefit feedback coefficient)



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Compliance and security system

Global compliance framework

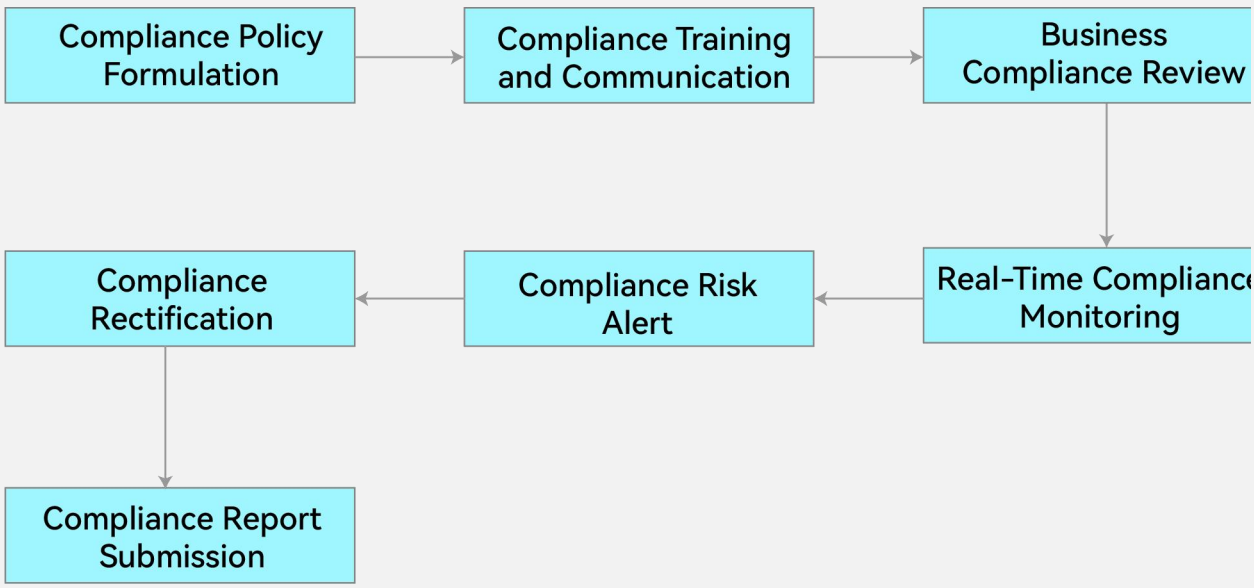


Compliance and Security System-Global Compliance Framework

Regional Compliance Requirements and Adaptation Measures

region	core compliance requirements	DEAI adaptation measures
America	SEC-RIA certified and CFTC regulated	Requesting, disclosing regularly
EU	MiFID II、GDPR	MiFID II compliance certification, data compliant with GDPR

Compliance Management Process



Data security technology

Quantum security technology

Quantum Key Distribution (QKD): Key generation rate 1Gbps, key length 256 bits

Post quantum cryptography (PQC)

The NTRU algorithm (quantum-resistant encryption with 100Mbps speed) is employed.

Data transmission security

KQKD+TLS1.3 dual encryption with a transmission error rate <0.01%

Data storage security

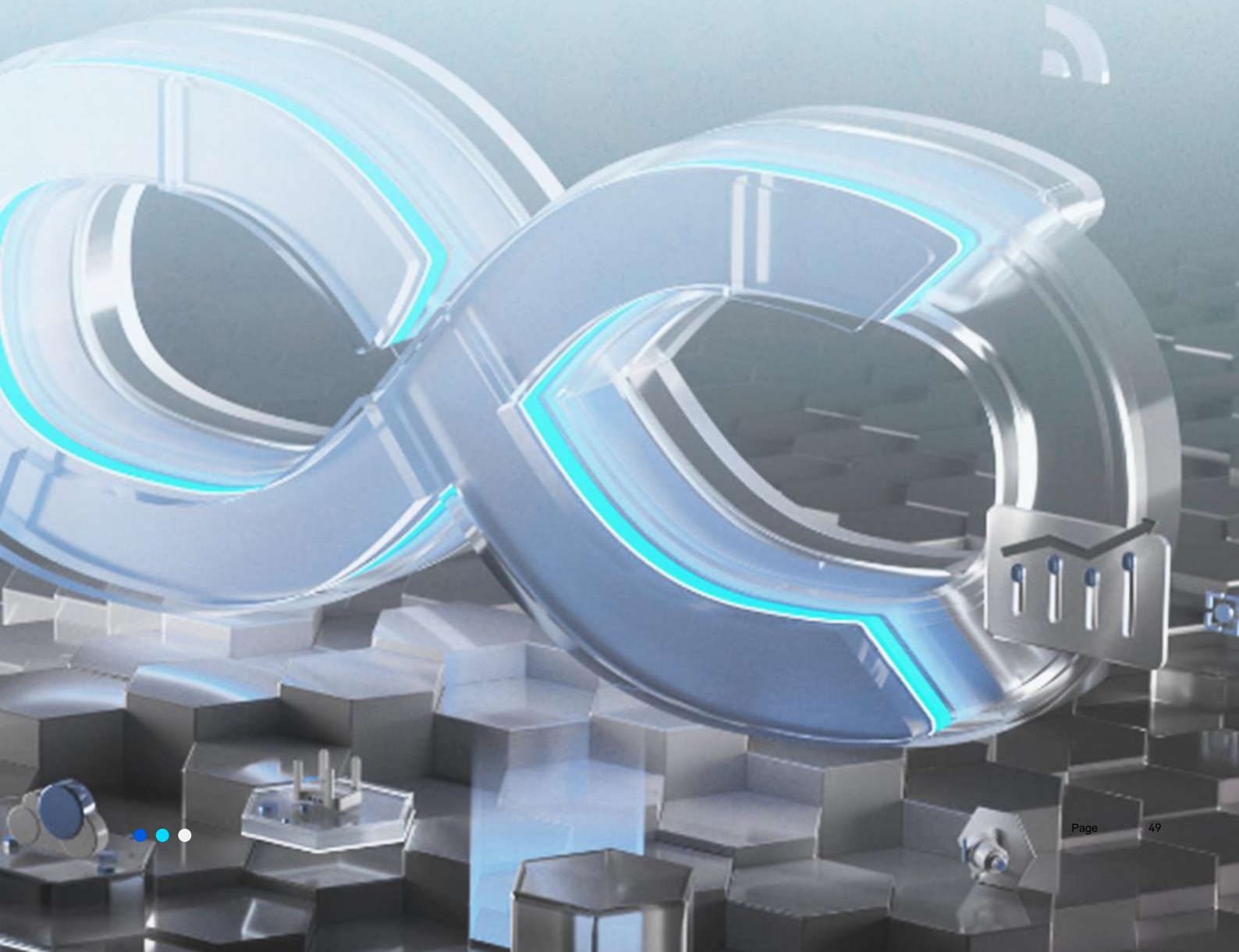
AES-256 encryption with PQC secondary encryption, storage medium encryption level EAL4+

Data security protection system

Protection Level	Technological means	Protection Effect
Network layer	Quantum firewall + intrusion detection system	Block 100% of known attacks
Data Layer	Encrypted storage + access control	Unauthorized access success rate: 0%
Application layer	Vulnerability scan + penetration testing	High-risk vulnerability fix rate: 100%
Terminal layer	Quantum Fingerprint Authentication + Multi-factor Authentication	Terminal tampering detection rate 100%

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Five-Year Development Plan (2026-2030)



Five-Year Development Plan (2026-2030)

Five-Year Plan

2026

We launched tailored quantum strategies to address the needs of securities firms and asset management institutions, achieving compliance adaptation for core financial scenarios. This initiative bridges the gap between technology and returns, enabling large-scale commercialization of quantum strategies.

2027

We are expanding our presence in North America and core European markets by building localized service teams, adding 50 institutional clients, optimizing regional compliance capabilities, and boosting market penetration and brand influence.

2028

The company has successfully developed and mass-produced dedicated financial quantum processors, overcoming core hardware technical bottlenecks. This achievement doubles computational efficiency, establishes an independently controllable hardware technology system, and reduces dependence on foreign core technologies.

2029

We are rolling out an integrated quantum finance solution spanning multiple assets and markets, extending its reach to emerging scenarios like cross-border transactions and ESG investments. By deepening partnerships with leading asset management institutions, we aim to expand our market share.

2030

By collaborating with quantum hardware manufacturers, research institutions, and financial institutions, we will build a full industrial chain ecosystem and become a global leader in quantum finance.

Disclaimer

- The data in this white paper is based on actual measurements and industry forecasts up to December 2025. It is for reference only and does not constitute investment advice.
- Quantum computing technology carries iterative risks, and its practical application outcomes may vary depending on market conditions, client configurations, and other factors.
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