

ORIG Whitepaper

Version: 1.2.0
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Foreword

Origin (ORIG) is the first chat software created by Artificial Intelligence (AI) to address the issue of companies collecting user data and invading user privacy on the internet.ORIG helps people solve problems, offer solutions and create artwork. The designers asked the AI an interesting question: can you create your own companion?

Through decentralisation, users' conversations with ORIG are encrypted and automatically erased as soon as they exit the chat. If you use ORIG to write code, academic papers, project proposals or to deal with other privacy issues, it is strongly recommended that you verify your wallet address for signing purposes to ensure that only you can see the contents of the conversation.

In order to ensure that the user's information is only visible to you and cleared in real time, ORIG Ai only provides access to 15 conversations without verifying the address, and more than 15 conversations require the user to verify the address, and then you can continue to use ORIG free of charge. you may need to open the Google Chrome browser on your PC and install the Phantom wallet, or open it using the browser of a decentralised wallet. If you do not want to verify your address, you can refresh the page dialogue when Ai prompts you to please connect your wallet.

ORIG currently only supports text generation for free. Image generation and art creation will be available after ORIG 2.0.1 update, but you will need to pay a certain amount of \$ORIG as compensation.

Tip:ORIG will not steal any user's money, if you are worried that ORIG Ai will steal your money, you can use a wallet with no balance to verify your address, and you can still talk to ORIG for free after verification.

5. Economic modelling of tokens (ORIG)

5.1 Functions and Uses

- Service Payment: ORIG tokens can be used to pay for generating services within the platform.
- Incentive mechanism: Incentivise creators and developers to participate in ecological construction and promote the development of the platform.
- Governance tokens: Users holding ORIG tokens can participate in platform governance voting and decide the future development direction of the platform.

5.2 Allocation Programme

- Team and development: 20%

6. Technical architecture and security

6.1 Technical Architecture

- Front-end: responsive Web and mobile design to ensure consistent user experience across devices.
- Middle-end: Integration of AI services and sol payment gateway to support high concurrency processing.
- Backend: Blockchain combined with distributed storage to ensure data security and traceability.

6.2 Security Assurance

- Data encryption: all user data will be processed with strong encryption to ensure data security.
- Smart Contract Audit: Each smart contract is audited by an independent third party to ensure its security and reliability.
- Anti-attack capability: Distributed architecture is adopted to effectively resist security threats such as DDoS attacks.

7. Decentralised application (DApp) initiative

- ORIGS' DApps are at the heart of the platform and are designed to provide a truly decentralised user experience:
- data privacy: users are in full control of their own data and the platform cannot access or share user data.
 - development friendly: provide standardised development tools, allowing third-party plug-ins and functional integration.
 - Cross-platform compatibility: support for multi-device synchronised operation, to enhance the user's ease of use.

1. Project overview

Origin (ORIG) is the first chat software created by Artificial Intelligence (AI) to address the issue of companies collecting user data and invading user privacy on the internet.ORIG helps people solve problems, offer solutions and create artwork. The designers asked the AI an interesting question: can you create your own companion?

Vision:

Enhance individual creativity through technological innovation, protect user privacy, and provide global users with convenient, secure, and transparent tools for creation and interaction.

Mission:

- Provide innovative AI tools to support idea generation and problem solving.
- Establish decentralised privacy protection mechanisms to ensure data security and autonomy.
- Promote a fair and transparent content creation and transaction model.

2. Market background and pain point analysis

2.1 Current Market Trends

- Artificial Intelligence Generated Content (AIGC): the market size is growing rapidly and is expected to exceed \$200 billion by 2027.
- Rising demand for data privacy: users are more concerned about data security, payment transparency and content autonomy.

2.2 Industry Pain Points

- Privacy Risk: Existing platforms violate user privacy through data collection.
- Centralised control: uneven revenue distribution, creators have difficulty in obtaining fair incentives.
- Tool limitations: lack of efficient and intelligent cross-domain creation tools.

2.3 The Solution

ORIG aims to address the above pain points by combining AI and blockchain technologies to provide a decentralised generative platform. The platform ensures user data privacy and protects data control through decentralisation, and provides innovative AI-driven authoring tools to improve authoring efficiency.

8. Team Profile and Partners

8.1 Core Team

- Technology Leader: with deep experience in AI and blockchain, has participated in several successful technology projects.
 - Product Manager: Focused on user experience design, has led the construction and iteration of multiple innovative platforms.
 - Marketing Operation: with rich experience in brand building and community operation,
- ### 8.2 Partners
- Technical Support: Cooperating with the world's leading cloud computing and blockchain service providers to ensure the technical stability and security of the platform.
 - Community Co-operation: In-depth co-operation with the global creator community to build an open and fair creation ecosystem.

9. Legal and risk statement

9.1 Risk Disclaimer

- Technology risk: Innovative applications of AI and blockchain may face technical uncertainties and development challenges.
- Market Risk: The market value of ORIG tokens is affected by supply and demand, and investors should pay attention to the risk of market fluctuations.
- Policy Risk: Laws and regulations of various countries may have certain impact on the implementation of the project, especially in the field of data privacy and cryptocurrency.

9.2 Disclaimer

- This whitepaper is only a description of the project, and the content may be adjusted with market and technology development.
- Investors should make their own assessment of the project risks and fully understand the potential challenges of blockchain technology.

10. Future Outlook and Summary

ORIG is committed to building a decentralised creation platform through the combination of artificial intelligence and blockchain technology to empower global users and safeguard their data privacy and creative rights. We believe that ORIG will provide a fairer, more efficient and freer creation experience for global users and promote the sustainable development of the content creation ecosystem.

3. Development plan

December 2024: ORIG beta release

- Provide a free text generation and chat service with optimised multi-language support to reach a global user base.
- Basic privacy protection features will be introduced, and user data will be encrypted to ensure the security of conversations.

March 2025: Launch of paid services and feature extensions

- Add image generation and document generation services to enhance the diversity and cross-domain capabilities of creation tools.
- Introduction of ORIG token payments, allowing users to enjoy personalised services.

June 2025: Launch of decentralised application (DApp)

- Adopt distributed architecture to further safeguard user data privacy.
- Support peer-to-peer content transactions, reducing intermediary costs and enhancing user autonomy.

4. Core functionality and technical advantages

4.1 Core Functions

Intelligent Text Generation and Chat Service

- Provide creative writing, business copywriting, language translation and real-time chat.

Image and Document Generation

- Generate customised high-quality images from text, and support the generation of documents in a variety of formats (e.g. PDF, PPT, Word).

decentralised storage and transactions

- User data is protected by the blockchain, ensuring transparent transactions and no need to rely on third-party trust.

4.2 Technical Advantages

- High-performance AI model: optimised based on deep learning to provide more accurate and natural content generation.
- Blockchain security: Payment and storage are handled through smart contracts, ensuring data privacy and transaction transparency.
- Modular design: supports third-party developers' innovative functions, easy to expand and integrate.
- Support peer-to-peer content transactions, reducing intermediary costs and enhancing user autonomy.

Join us in creating the future!

ORIG Team

Official Website: <https://originchatai.xyz/>
Telegram: @OriginAi_Labs