



THE RARE ANTIQUITIES TOKEN

An asset backed stablecoin used in the museum, gallery and heritage sector, rewarding holders with NFTs of purchased antiquities

Whitepaper v1.0

The Rare Antiquities Token Ltd.

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Introduction

The Rare Antiquities Token is a BVI registered company (2076766) and is the utility token for the RAT NFT Marketplace and the blockchain platform RAT To Pay.

The Rare Antiquities Token is to be the first cryptocurrency to be used in the museum, gallery and heritage sector. The Rare Antiquities Token consists of two main use cases; the purchase of appreciating antiquities such as fine art and the minting of them into digital NFTs, the distribution of the NFT to all holders of the token through fractional ownership; and facilitating payments in the museum, gallery and heritage sector through the Rare Antiquities Token.

“The Ethereum ecosystem has to expand beyond just making tokens that help with trading other tokens.”

Vitalik Buterin, Paris 2021

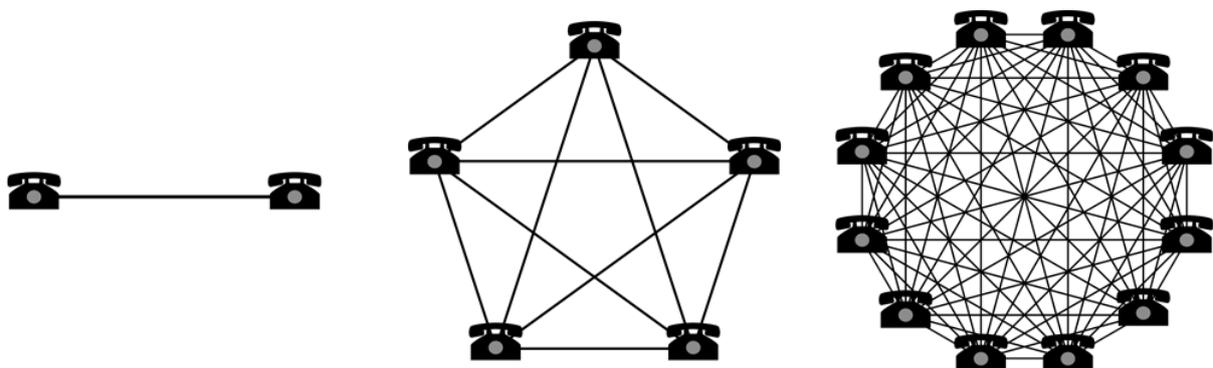
RAT To Pay

RAT To Pay is the infrastructure that allows the museum, gallery and heritage sector to accept The Rare Antiquities Token for admission, goods, dealings and other related tangible goods or services.

Through the RAT To Pay chargeback programme, holders of RAT can enter museums using RAT and their admission fee will automatically be refunded to their RAT wallet making entry free of charge.

The Metcalfe Effect

RAT To Pay as a platform targets the mass market, where growth of the user base will feature Metcalfe’s law (which states the value of a network is proportionate to the square of the number of connected users of the system).



Metcalfe’s Law – Two telephones making just one connection, fives can make 10 connections, and 12 can make 66 connection and so on.



There are many positives resulting from growth of the RAT To Pay user base, such as:

- Increased number of RAT holders
- Increased liquidity of RAT token
- Increased activity in the secondary market
- Increased social activity across all outlets
- Increased foot traffic to the sector

MARKET SIZE OF THE MUSEUM INDUSTRY IN THE U.S.

12.19bn

Source: Statista.com

Antiquities Wallet Overview

The Antiquities Wallet serves two purposes to the benefit of all RAT holders.

When a holder uses RAT for admission to a partner museum, they are automatically refunded the fee from the Antiquities Wallet. This ensures that all RAT holders gain free admission with all partners in the sector thus giving an incentive for people to buy and hold RAT.

The Antiquities Wallet is also used for the purchase and secure storage of appreciating antiquities. With purchased antiquities belonging to the Rare Antiquities Token as a physical asset, a stable price floor is attached to the value of RAT.

Why RAT?

RAT to Pay employs Blockchain / Distributed Ledger Technology in numerous ways to make it appealing to investors.

Non Fungible Token (NFT)

The digital collectibles offered through the Rare Antiquities Token are NFTs. Upon purchase of an antiquity such as a piece of fine art, a certificate of title is acquired which can be used to create an NFT. The NFT standard allows for a verifiable digital scarcity with a proven authenticity and an immutable proof of ownership. NFT's allow for more details attributed to be included such as rich metadata about the asset as well as proof of ownership and legitimacy of the antiquity. Through fractional distribution proportionate to the token holding of a holder, RAT holders can not only become owners of an NFT, but these metadata authenticated details allow owners to be confident about the authenticity and provenance of the NFT.

RAT NFT Marketplace

The RAT NFT Marketplace provides a platform for all owners of the minted NFTs to buy and sell their fractional pieces to each other, or new collectors to the platform. RAT is the token used so in order to buy a fraction, or in order to complete an entire collection one must use the Rare Antiquities Token for all transactions on the platform.



RAT Tokens

In order to facilitate the use of cryptocurrency in the museum, gallery and heritage sector, RAT To Pay utilises the Rare Antiquities Token. There will only be 500 billion RAT tokens minted and these are purchased during the ILO, or on an exchange.

Market Size

The market size of the museum industry in the US is \$12.19bn. With 94,675 museums worldwide and hundreds of millions of visitors annually there is potential for the Rare Antiquities Token to be adopted by a vast amount of users to gain free entry to museums through the RAT To Pay Chargeback Programme.



Source: Statista.com

Uniqueness

The antiquities purchased by the Rare Antiquities Token will be a one-of-a-kind, rare antiquity. Through ownership of such a unique item, an NFT can be minted that would be the only one of its kind in the world.

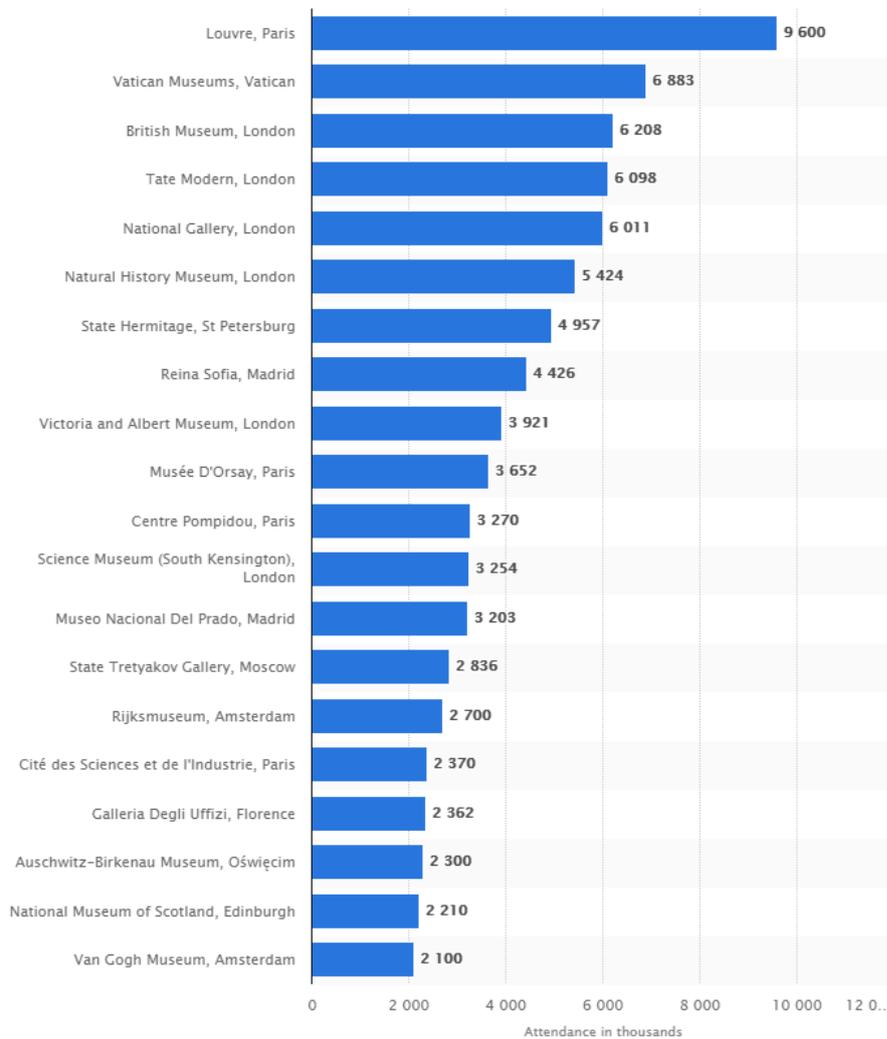
Counterfeit Protection

A key advantage of using the Blockchain for digital collectibles is that each collectible is a uniquely generate asset that cannot be duplicated. Each digital collectible is recorded in the Blockchain and ties ownership directly to the verified owner, and in turn, directly to the verified antiquity.



Antiquities Wallet

Antiquities have existed throughout human history and today they can come in many valuable forms, such as statues, coins, art, graffiti, relics, collectibles. As we advance in the digital age, we can even start to view digital collectables as antiquities to some degree.



Source: Statista.com

Overview

Funded by 2% from buys and 3% from sells, the Antiquities Wallet is used for the purchase of appreciating antiquities under the ownership of the Rare Antiquities Token. Once purchased the value of the asset will add to the market cap of the Rare Antiquities Token. The authenticity, scarcity and ownership of these antiquities would see an appreciation in value over time, thus adding to the value of the assets owned by the Rare Antiquities Token. With NFTs also being added to the assets held it assures a steady rise in value of all assets owned.

Transfers

To facilitate effortless buying, selling and trading of antiquities amongst dealers and collectors in the museum, gallery and heritage sector, RAT To Pay leverages blockchain for the instant transfer of RAT between users. This cuts costs and time that is normally associated with transactions made in fiat. Partners will accept RAT for the purchase of rare antiquities and agreements made to maintain a healthy lasting partnership that any RAT from the purchase is vested.



Minting and NFT Ownership

When a new rare antiquity is purchased, as well as adding to the market cap of RAT, a new digital asset will also be created. This is done by minting an NFT from the deed of the purchased antiquity. Each NFT is provided with an associated URI which links that NFT to a set of metadata which includes the antiquities name, licensor, brand, ownership, and type of antiquity.

After the minting of an NFT, the fractional ownership is sent to the address of holders proportionate to their holdings at the time of the antiquity purchase.



The Rare Antiquities Token

Purchasing Tokens

As RAT is targeted to the mass market, it is of the utmost importance that the purchasing of RAT tokens remains a task that can be easily carried out by consumers with zero knowledge or understanding of the blockchain and cryptocurrencies. To facilitate this, users will acquire RAT tokens using credit or debit cards through a centralised exchange on LAToken, or a decentralised exchange on UniSwap.

Token Metrics

Total Supply	500,000,000,000 RAT
Token Price	75,000,000 RAT / per ETH
ICO (Public and Private Sale)	1.5% 7,500,000,000
Future Development	10% 50,000,000,000
Team, Board Members	10% 50,000,000,000
Advisory Board	5% 25,000,000,000
Ticker Symbol	RAT
Token Type	ERC-20
Hardcap	100 ETH

Token Lockup Period

ICO (Public/Private Sale)	30% for 265 years
Future Development	12 months
Team, Board Members	5% 3 months, 5% 12 months
Advisory Board	5% 12 months



Roadmap

- 2021
 - Q3
 - Website launch
 - SolidProof.io Contract Audit and KYC Verification
 - Litepaper publication
 - ICO sold out in under 9 hours
 - London Crypto Expo
 - Launch Token on UniSwap
 - CoinGecko Listing
 - CoinMarketCap Listing
 - Move to physical office location in Bristol, UK
 - Register as a company
 - Acquire Advisory Board members
 - Q4
 - Expand team
 - Crypto Expos Dubai
 - Mint first holders NFT for POC
 - Purchase of first antiquity (Banksy voted)
 - Tour Europe Museums in branded car
 - Reach local news outlets
 - Amsterdam Crypto Expo
 - RAT NFT Marketplace development
 - Mint first NFT from Banksy original
 - Distribute fractional ownership to holders
 - Purchase second antiquity
- 2022
 - H1
 - Development of RAT To Pay
 - ISO27001
 - Partner museums
 - Acquire multiple antiquities
 - Partner with more NFT artists
 - Offer RAT NFT marketplace fractionalisation externally
 - H2
 - ISO50001, ISO90001
 - Have physical premises for RAT Antiquities
- 2023
 - Partner museums worldwide using RAT To Pay
 - RAT To Pay goes public
 - RAT NFT Marketplace goes public



Key Members

Ryan Howells – CEO, Founder

Ryan has over 15 years' experience within Chief Technology Organisation for various corporate organisations in the UK, such as AXA UK, GoCompare, Motability Organisation before moving to a small fintech company as the Information Security Manager reporting directly to the board. Ryan moved to become a private investor full time in 2020 before entering the cryptocurrency space in 2021 bringing across his knowledge from share investment sector to the project he has founded today.

David Karney – Advisor to the Board

From Blockchain to IoT to Cloud, David helps large businesses digitally transform to make the most of tomorrow's opportunities. Opportunities like tokenization. David has worked in tech for more than 20 years and is now focusing his energies and experience on identifying how Blockchain can combine with other technologies to help people and organisations take full advantage of a digitised physical world, driven by this exciting new technology.

IoT, Payments, ID Management, Supply Chain Management, Transport, Retail, Banking, Healthcare, Telco, Manufacturing and Media - I deliver large-scale digital transformation projects across many sectors for Worldline, one of Europe's largest payment companies, with very close links to Atos, a global leader in service integration.

David prides himself on taking a holistic, consultative approach. He believes in developing long term relationships; relationships based on honesty and trust. He also believes in challenging clients. Debate and discussion drive change and change is a facilitator for innovation.

Lee Davies – Commercial Director

Lee is an accomplished Commercial Director with proven strategic experience in driving businesses forward and achieving results. An engineering sector professional with depth experience of programme delivery on a domestic and international scale. Technically adept, able to recommend product and systems for required outcomes with the ability to troubleshoot to ensure adherence to programme and quality controls. Exceptional presentation and client facing skills essential for problem resolution and relationship development and maintenance. Possesses the ability to communicate on all levels both commercially and technically.

Benjamin Gordan – Product Manager

8 years working in delivery roles. Previous roles include Lead Business Analyst working in the financial services industry.

A wealth of experience working across multiple Agile development teams in a continuous delivery model. Now working as a Product Manager for The Rare Antiquities Token Ltd. helping deliver a fractionalised NFT marketplace along with a number of other exciting deliverables.



Mayur Kale – Lead Blockchain Developer

Mayur has a background and great expertise in delivering blockchain solutions for various projects in the banking sector. He founded a successful blockchain company in 2020 called Adaptive Code and is currently lead blockchain developer for The Rare Antiquities Token working on the workstream to a build fractionalised NFT marketplace platform for physical assets. Before his blockchain life, Mayur has worked within the finance sector, developing high volume transactional systems for tier one banks based on Java technologies.