


RC

REAL COIN TEAM
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REAL COIN

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R E A L C O I N

ABSTRACT

This paper provides an architectural overview of the first release of the Real Coin token that published by the G & S ENTERPRISES (PTY) LTD Company (as defined below) for informational purposes only and is not a binding legal agreement. For the avoidance of doubt, this Whitepaper will expressly specify which statements are given by the G & S ENTERPRISES (PTY) LTD Company which statements are given, In any case neither the G & S ENTERPRISES (PTY) LTD Company shall be responsible for any statement given by another Partner. we guide the reader to the accompanying token dynamics paper.

The purchase and supply of Real Coin Tokens shall be governed by written terms and conditions, The information described in this paper is preliminary and subject to change at any time. Furthermore, this paper may contain “forward-looking statements.





CHAPTER #1

INTRODUCTION



1. Introduction

This paper provides an architectural overview of the Real Coin Token. The key focus is on the three key differentiators of the community: the Vision, the REAL Community, and the Investment program.

1.1 Real Coin Goals and Principles

REAL Coin is a high-performance, scalable, customizable, and secure Token. The REAL Association's mission is to enable a simple global payment system and financial infrastructure that empowers billions of people. The Association's first step toward creating a more inclusive and innovative financial system began in August 2017 with the announcement of the project. Our goal was to establish a collaborative dialogue early in the journey. We have worked with regulators, central bankers, elected officials, and various stakeholders around the world to determine the best way to marry blockchain technology with Real life people. Our objective is for the Real Global payment system to integrate smoothly with local monetary and macroprudential policies and complement existing currencies by enabling new functionality, drastically reducing costs, and fostering financial inclusion.

- Building and launching highly scalable and decentralized applications (Dapps).
- Building arbitrarily complex digital assets with custom rules, covenants, and riders (smart assets).
- Offering single-currency stable coins in addition to the multi-currency coin.
- Enhancing the safety of the REAL payment system with a robust compliance framework.
- Forgoing the future transition to a permission less system while maintaining its key economic properties.
- Building strong protections into the design of the REAL Reserve.





CHAPTER #2

VISION, MISSION & PROJECT



2. Vision, mission & project

Our group is active in the fields of investment, finance, financial technologies, payment technologies as well as designing banking switches and trading robots in the global markets, Forex and other trading markets based on artificial intelligence.

And now we are developing previous projects and a project that has started for our token, offering blockchain-based smart cards that will make unlimited payments through these REAL wallets (physical wallets) You can constantly convert your assets from Fiat currencies to any other digital currency and vice versa and keep all your assets private and personal. From today, you will be your own bank.

Also, this project is being implemented in a 5 to 8 year development plan and we are now focusing on future payment methods, and our token buyers will be shareholders in the projects and this is our innovation in Coin supply.

And those who invest monitor and control the flow of capital through a dedicated financial management panel, Among the ongoing projects for the development of payment methods, we can mention blockchain-based POS devices to provide payment by digital currencies everywhere and in the shortest time for you. A project that differentiates us is the possibility of purification with the help of our Token.

2.1 Our mission

The mission of the Real Coin team has several parts, which include finance, next-generation payment technologies, education, business, science, and everything related to the lives of people around the world.

By creating an extractable payment currency and what it has achieved in the past, the REAL team will launch the largest global payment and receipt system. In other words, we want to connect blockchain with real life. In this modeling, we have everything Which deals with your daily life, we assume a block and then establish a connection between the different blocks. In other words, our solution market is based on the implementation of global blockchain in the market.



We were not created to solve a problem, but to come and buy you in all areas and moments of life, including education, health, travel and tourism phenomena, connecting with top universities and borderless science education, and Support sales, product cleanliness and everything related to your life.

We want to bring you the next generation of borderless payment, and we do this by combining technology and knowledge and marketing solutions. In other words, we have made it possible for you to manage your accounts, assets and transactions yourself. Do this and that means personal banking without third party intervention.

**Bitcoin created the new trading
instructions. **now** REALcoin launched
the receiving and payment revolution**

- Interaction and cooperation with prestigious and international universities.
- Creating healthy scientific-research competition at the international level.
- Holding scientific and international webinars.
- Creating educational businesses at the international level.
- Establishing entrepreneurial markets and startup events in real and virtual internationally.

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R E A L C O I N

MISSION

In this section, we will introduce some of our missions. As a new generation of digital currency service providers, we have selected and oriented our missions according to the customer's wishes and goals.



2.2 One of our educational international Project in the virtual universities section:

In order to develop and improve virtual training, which is considered as one of the main pillars of empowering people and increasing productivity in individual and organizational performance, holding effective virtual training courses can be considered a big step.

Due to the development of LMS e-learning software in the world, e-learning has gained a special importance and position, so the use of traditional methods for learning is becoming more expensive every day and do not end there.

Some of the most important benefits of using e-learning for organizations and institutions are as follows:

The most important factor is choosing a virtual education. The savings due to the elimination of part of the costs such as teachers' salaries, rent of classrooms, travel expenses of students, rent of rooms or dormitories can be easily measured and calculated; But perhaps the most important factor in the acceptance of this training method by companies and large organizations is the reduction of time away from employees when participating in in-service training courses.

Today, with the help of advanced technology and the facilities provided by the World Wide Web, it is possible for students of distance education courses to participate in virtual classes while enjoying live training by professors, and live communication with other students And have direct. For this purpose, REAL R&D Group in the field of virtual education, exchange of experienced and efficient professors, holding professional and academic seminars and workshops, optimal use of hardware and software capacities with universities and training centers The High Authority has signed a Memorandum of Understanding at the national and international levels.

Also, REAL R&D Group to hold virtual training courses at national and international level with “G & S ENTERPRISES” Training Development group to transfer world-class technology in the form of virtual training in ten world languages. Professional and academic courses at national level and Internationally, they have made a joint venture for e-learning in the form of a common identity called **Unita**.



By accepting this principle and believing that professional and committed individuals can play an effective role in continuing and popularizing virtual training courses as they deserve, with a new plan and program based on: competency-oriented and purposeful planning We have defined shaping the job of applicants in a competitive scenario, ensuring the acquisition of applied skills in a profession in a specialized way.

2.2.1 Our mission on unita:

- Interaction and cooperation with prestigious universities at the national and international levels.
- Creating healthy scientific-research competition at national and international level.
- Holding scientific webinars at national and international level.
- Establish national and international educational businesses.

- Establishment of entrepreneurship and empowerment markets virtually nationally and internationally.
- Dissemination of graduation degrees from prestigious universities nationally and internationally.
- Provide a simple and inexpensive environment for the presence and growth of startups.
- Communicate and interact with the network of professional managers at the national and international levels.
- Differences and benefits.
- Use an independent, comprehensive system and comprehensive service integration instead of multiple systems.
- Utilization of a completely native system, which due to its independence from external systems, it is not possible to sanction, filter and restrict its services, and is fully supported.



- Creating a suitable mechanism for real ranking of instructors and training courses through the points of the recipients of educational services.
- Appropriate introduction space for the audience to motivate and advise to enroll in the course.
- Content does not leave the system space, unlike other systems that use ready-made external platforms.
- Reasonable cost of the system compared to internal and external systems by creating a unique revenue model.
- Having Android and iPhone smartphone apps.
- Creating a training program for teachers and professors based on free time and courses held and informing the audience.

- Provide a dedicated university website with your own brand domain.
- Create a dedicated database of students, instructors and other users.
- Very easy communication with the audience.

Pars International Technology Development Group, in cooperation with Simorgh Education Development Company, is trying to be by your side in drawing up a conscious vision in implementing skills-applied courses in order to increase the capabilities of your learners in the labor market. Based on the measures taken, it will define and design a strategy for developing and nurturing talents and will provide learners with the alignment of the organization's competencies through managerial skills, guidance and mastery along with executive experience.

G & S ENTERPRISES (PTY) LTD R&D Group, in cooperation with London College, is trying to be by your side in drawing up a conscious vision in implementing skills-applied courses in order to increase the capabilities of your learners in the labor market. Based on the measures taken, it will define and design a strategy for developing and nurturing talents and will provide learners with the alignment of the organization's competencies through managerial skills, guidance and mastery along with executive experience.



2.3 Our missions in the business and goods and services of everyday life:

The Real Coin team thinks of the best for you, so we sought solutions with a global approach to the exchange of your goods and services to different parts of the world, and today we are proud to say that Real has started the largest project of purification of goods and exports and imports.

2.3.1 Our missions:

1. The possibility of trading goods and services through Real Coin platform.
2. Purification of goods from different parts of the world with a special transportation route.
3. Buy and sell all digital with Real Coin intelligent payment system.
4. The evolution of the world of trading through an intelligent robot based on artificial intelligence in the trading of global markets and the trading markets of countries.
5. Creating an active financial cycle in your business.

Now, what Real Coin has achieved globally in the field of business and we will continue the process of each of them and the features of these projects:

2.4 SAMAP

SAMAP business platform is a concept far beyond a website and mobile application with a fixed structure to provide services to a limited number of businesses. Here we are talking about an ecosystem that is composed of various interrelated components.

In general, the mission of this ecosystem will include two main parts:

Solve existing problems as well as create the desired mechanism, so that each of the influential components in this ecosystem can easily perform the tasks related to their role and receive the required services.

Due to the variety of influencing factors and also the multiplicity of each of these factors that have a different relationship and interaction with this ecosystem, the architecture of this system is such that without the need to engage with technical concepts, define the type of interaction of each factor it is provided with a completely customized system.



For this purpose, Pars International Technology Development Group to provide special services of SAMAP platform at national and international level with “REAL R&D team” to transfer the latest technology in the field of payment systems and now the payment switch and value added investment The special subscribers of the SAMAP platform have done so in the form of a common identity called SAMAP.

In general, an application that is responsible for providing various services related to different businesses, should have the following features:

- ✓ Ease of defining and providing any service without the need for technical knowledge and only with the knowledge of the business.
- ✓ Ability to provide new services to the contact without the need to reinstall the application.
- ✓ Ability to provide features in applications that are prepared independently and coded.
- ✓ Ability to share resources between organizations and service providers regardless of their size.

- ✓ Simple user interface and easy access to the requested services and avoid congestion and combination of different services and businesses.
- ✓ Ability to provide services related to any business on request and not having to be in a special format with a dedicated user interface for each business.
- ✓ Provide a simple and inexpensive environment for the presence and growth of startups.

The architecture of the SAMAP platform has been such that any person can be accepted as the owner of one or a number of businesses. Therefore, this product is not limited to predefined services, and the possibility of defining new services and creating capabilities similar to other applications is provided simply and without technical knowledge.

In this platform, it is possible to define any type of business in any size and with any number of users. in such a way that after defining the business owner, the application will be provided to its users with the relevant acceptor code, and after installation, the desired users will see the services related to that acceptor by default on their home page. In this case, the logo This business replaces the default application logo at the top of the home screen.



In large businesses or organizations that have a large number of users, if desired, the possibility of rebranding and presenting the product with the name, design and color of the business or organization is possible. In this case, despite the use of products with Alternatively, resource sharing is still possible.

Due to the architecture of this system and the ease of sharing resources between different businesses, business owners, in addition to being able to provide services to their customers in the simplest possible way, will benefit from the following.

- Motivate your customers more by giving them access to other services
- Receive a fee if these customers refer to other businesses
- Visiting customers of other businesses to use the services of this business

It should be noted that the information about the customers of each business is confidential and will not be accessible by other businesses in any way, and the customers of each business can refer to other businesses only with the coordination and license of the source business.





R E A L C O I N

Capital emersion

The Real community does not only think about managing and directing the flow of capital. We also think about the birth of capital. And this means borderless transactions for the birth of capital.



2.5 RT (REAL Trade)

A Market Intelligence platform, designed to be used as a trading and investment decision tool, packed with innovative and interactive features crafted to simplify the complexity of the financial world, and offering a one-place-access to all the necessary information and analytics to help traders and investors accurately make decisions.

2.5.1 Features

- Market Insight.
- Technical Analysis for **Crypto**, Stocks, Forex, Global markets, ...
- Fully automated trading.
- Ability to view capital flows and have a management panel with the ability to orient and control.
- Newsfeed.
- Trade book.

2.5.2 What is RT?

Trading Signal Insights Platform

- RT trading assistant signals software tool is designed to forecast trades on portfolios (A combined set of financial instruments), as well as individual assets.
- RT combines mathematical formulas to analyze price movements and patterns so as to determine potential forecasted targets.
- RT portfolios are optimized using percentage weightings based on optimal performances.
- RT avails access to 1,000+ tradable financial instruments including stocks, foreign exchange pairs (forex), commodities, exchange traded funds (ETF), cryptocurrencies (cryptos), bonds; optimized using artificial intelligence.

We've been secretly testing RT, our most advanced robot ever, for over three years. Last year we sent several lucky customers a private invitation to use RT on their live accounts. The results have been phenomenal to say the least. For a very short time we are releasing RT to the general public. Licenses are limited and will run out quickly.



2.5.3 Aggressive Strategy

- ✓ Grid strategy plots the best entry and exit points on any pair.
- ✓ Brilliant Technology.
- ✓ Fresh features and engine tweaks make it our most powerful EA ever.
- ✓ Loaded With The Best Settings.
- ✓ Optimized for 20+ different pairs. No fiddling with settings.
- ✓ A Professional Grade Robot.
- ✓ The #1 choice of professionals looking for a reliable robot right.
- ✓ No Experience Needed.
- ✓ 5 minute setup from start to finish.
- ✓ 100% Fully Automatic.
- ✓ Load RT on your chart and walk away.

2.5.4 Features

RT manages every aspect of all market trading for you 24 hours a day.

This robot is designed to determine the best outputs for managing your capital flow. In other words, your capital, which is received in the form of token purchases, in addition to the part that is spent on project-based growth and development activities, is invested by this intelligent robot based on artificial intelligence, another part of your capital in profitable markets and Guided and controlled by expert traders.

- Keep your broker honest.

Trading brokers are not your friend. RT's new Broker Shield™ keeps sensitive information away from your broker.

- Works with any account size, big or small.

Built in money management calculates the safest lot size for you automatically. Micro, mini, and full lots are supported.

- Clean and informative visual interface.



RT's modern UI and user friendly interface let you see exactly what it is doing at any point in time.

Chart patterns, price movements and news analyzed using AI and quantitative methods to generate trading signals.

Gauge the impact of ongoing news and price patterns, and apply this information in your trading for high probability trading setups.

Get clear forecast entries and targets on Apple, EUR/USD, Bitcoin, Oil and other 1000+.

U.S. Stocks / U.K. Stocks / Germany Stocks / World Indices / Major, cross Forex pairs / Commodities / Major Cryptocurrencies, Cross Cryptocurrencies / Commodities / Bonds...

2.5.5 Generate more profitable trades by using RT as your trading assistant.

- ✓ Get a “straight to the point” snapshot of what’s happening in the global financial markets.
- ✓ Create and track your financial portfolio’s performance.
- ✓ Get clear trading instructions with entries and exits.
- ✓ A legendary all markets strategy meets our most intelligent code ever.
- ✓ RT uses an advanced grid trading strategy to find beautiful forex trades automatically.
- ✓ Automated From Start To Finish
- ✓ Opens, manages, and closes the best trades for you. No need to lift a finger.
- ✓ Legendary Grid Trading Strategy
- ✓ Plots chart price in real time to find the best entry and exit points with no lag.
- ✓ Real Time Broker Shield™.
- ✓ Keeps shady brokers from trading against you by guarding your trade information.
- ✓ The #1 choice of professional forex traders using expert advisors in 2020.
- ✓ Fully Optimized Settings.
- ✓ Comes loaded with optimized settings for over 20 common forex pairs.
- ✓ Simple To Setup And Use.
- ✓ Designed for any skill level. Get up and running in less than 5 minutes.

R E A L C O I N





R E A L C O I N

Democratized solution

We made another connection today. The connection between blockchain and trading in global markets with the approach of clear in transactions and access to management , monitoring and monitoring the flow of capital. This means experiencing personal transactions without third party intervention.



2.6 Democratized Financial Data & Information

We design and provide advanced trading systems. Our ultimate goal is to unfold opportunities on the financial market using technology and employ an earnings framework that liberates humanity for a better cause.

We leverage the power of people and machine intelligence to deliver valuable insights and accurate trading opportunities.

2.6.1 What we do?

We offer white-label and tailor-made solutions for Trading Companies, Online Brokers, Market Professionals and Quantitative Analysts. Our data sets cover equities, ETFs, futures, crypto-asset and FX pairs across North America, Europe, and Asia Pacific.

- **Development and Research**
- **Algorithmic Trading**
- **Trading & Market Intelligence**
- **Trading & Investing in the Future of Money**
- Trading Logic

RT finds great market trades using a reliable grid trading strategy.

Every price movement on your charts has smaller movements inside of it. Plotting each movement against a grid reveals predictable patterns. RT takes these patterns and analyzes them for future probability. The end result is highly accurate trades with no indicator lag.



- **Perfect entry and exit points**

Price plotting creates an accurate road map of where the price has been and where it is going.

- **Accurate Stop Loss and Take Profit**

Tight SLs and TPs protect your balance and secure profit while minimizing risk per trade.

- **Lock in profit as the price keeps moving**

Automated protective stops move behind each candle to lock in profit while the trade remains open.

- **Benefits**

Implement a proven grid trading strategy on your charts in 5 minutes.

Manual trading isn't simple or quick. It takes years of trial and error to trade market accurately. RT is years of our experience, hard work, and real world testing rolled into a single piece of automated Trade software. Place it in your forex terminal and your done.

No complex strategies to learn

All of the grid trading rules are coded directly into RT. No need to study charts or crunch numbers.

Trading never stops

RT monitors the market 24 hours a day, 5 days a week. Never miss a trade because you're sleeping.

Diversify your forex equity instantly

Never put all of your eggs in one basket. RT is a quick way to diversify your account equity and lower risk.



2.7 Global Receipt and Payment Project

Our mission in this section:

- Provide a wallet to manage and maintain your assets in a completely personal way.
- Borderless payment for people all over the world.
- Connection between Fiat and Cryptocurrency currencies.
- Asset management in person and without third party intervention.
- Capital flow management online and the ability to direct capital instantly.
- Creating a connection between the banking of each country and the global banks and the world of cryptocurrency.
- Execution of blockchain in real markets in such a way that each service or product or place of presentation is considered as a block and then we establish a financial connection between these blocks through switches designed by the Real Coin Development team.

2.8 Real Wallet

Real Wallet is a hardware wallet.

This is not an ordinary hardware wallet. It's a complete system that brings security, access, and convenience to new levels, with you in the driver's seat.

The Real Wallet is so secure that many of the most well-known crypto icons use it. It's Complexible, high-tech, and comes in a sleek package that is easy to manage.

The Real wallet is one of the hardware wallets that you can easily carry with you. This Real wallet is capable of storing Real Coin, Bitcoin, Ethereum, Litecoin, XRP, Bitcoin Cash, and ERC20 Tokens and is produced exclusively for Android and iOS operating systems. The Real Wallet hardware wallet is waterproof and highly resistant to shock, heat and cold. The Real Wallet can be considered the best Bitcoin wallet, as it has the ability to combine with MetaCertProtocol, which is the largest database of designated addresses in the world, to increase the level of security and prevent fraud. Real Wallet is hardware wallet has dimensions of 85.0x53.98x0.8 mm, its button material is metal and its function is Finger touch. The security features of this wallet make you feel at ease when it is lost. The battery used to make this wallet is made of lithium ion, its capacity will be 15 mAh and its voltage will be 3 volts.



Since Real Coin is a Payment currency; one of its requirements is to be safe in the three parts of receiving and paying for transactions and maintenance, therefore, the Real Coin Research and Development Unit has used the best security methods to maintain security.

In the field of asset maintenance, the Real team has made a smart card based on the Blockchain. This card can replace all your credit and bank cards and use it as Cryptocurrencies Wallets. This work is based on the following methodologies.

1. We have eliminated NFC technology to maintain the security of receipt and payment via real-time smart cards, and we have used Main Far technology, which protects your assets during the transaction.
2. We are the first micro Wallets in the world that is quite similar to your credit cards. Relying on the use of nano fingerprint technology.
3. Anti-Malware - Has BIP-44 algorithm to support different types of currencies and different user accounts, ECDSA algorithm for transaction signing, Note OATH HOTP algorithm, each account contains 232 internal and external addresses for coins transactions - BIP-32 HD algorithm is also used in this wallet.

In the receipt and payment section, you can see the function of blocking the hash process in the following

link:

<https://github.com/Realcoinco/RealCoin/blob/main/contracts/contractsSource.sol>

In accordance with what you see, some of the internal functions related to hash have been called from elsewhere, and therefore your action hash during transaction until the end Inaccessible and only displayed to you, which means 51% counterattack.

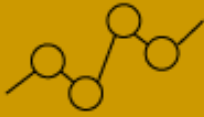
You can also see the reason for our fight to prevent DDS DOS attacks through the following:

link: <https://github.com/Realcoinco/RealCoin/blob/main/contracts/SafeMath.sol>

but you can experience a secure transaction and during the transactions, they cannot steal your property due to identity fraud. We made this possible by collecting blocks and distributing transactions indefinitely in random blocks so that you can have a successful transaction from one point to another, and it is interesting to know that this process is not seen by anyone and can't be tracked by anyone. No, and that means immediate safe banking.



2.8.1 Features



Track Your Crypto Assets
Check your portfolio at a glance.



Send and Receive Crypto
REAL, BTC, XRP, ETH, LTC,
BCH, BNB, Horizon, ICX, stable
coins and ERC20 tokens.



2+1 Factor Authentication
Biometric and physical 2FA checks
ensure your assets' safety



Exchange Cryptocurrencies

With integrated Real Coin local Global Exchange, Binance DEX and Changelly,
never miss another trading opportunity

- ❖ Our latest "Market Analysis" tool provides an extensive overview including multiple on-chain metrics and actionable signals that help users to evaluate their investments. Currently, we only support market analysis for REAL, BTC, ETH, BCH, LTC and USDT.



2.8.2 Global Real receipt and payment system

In this system, according to the experience of designing bank switches, this time, together with several world banks, the Real Team has designed switches to eliminate the payment borders of the world. By joining the Real community, experience payment without borders from today.

With this system, you are considered a block and your accounts in your own country or other countries will create another block and a reference block for you in the world banks, which we call your Global Account.

On the other hand, your global account is connected to your Real wallet, and thus your assets with any Fiat currency, including dollars, euros, yen, etc., can be converted into digital currencies at any time, and vice versa. The photo path of your assets will be deposited into your Global Account in the shortest time in Fiat currency and can be sent from the Global Account to the bank accounts in your name in any country, and this means implementing a borderless banking system based on blockchain. We have connected with the real financial system and thus we have removed the border between Fiat and cryptocurrency currencies.

The world needs a reliable and interoperable payment system that can deliver on the promise of “the internet of money.” Securing your financial assets on your mobile device should be simple and intuitive. Moving money around globally, and in a compliant way, should be as easy and cost-effective as — and even safer and more secure than — sending a message or sharing a photo, no matter where you are, what you do, or how much you earn. New product innovation and additional entrants lower barriers to access and facilitate frictionless payments for more people.

Now is the time to create a new kind of digital infrastructure built on the foundation of blockchain technology. The Real Coin Team mission is to enable a simple global payment system and financial infrastructure that empowers billions of people.

The Real project will be made up of two parts that work together to create a more inclusive financial system:

- A secure, scalable, and reliable blockchain as the technological backbone of the payment system;
- Real Coins that are backed by the Real Reserve of assets made up of cash or cash equivalents and very short-term government securities;





CHAPTER #3

WHAT IS REALCOIN?



3.1 What is Real Coin network & token?

The Real payment system is built on the Blockchain. Because it is intended to address a global audience, the software that implements the Blockchain is open source — designed so that anyone can build on it, and billions of people can depend on it for their financial needs. Imagine an open, interoperable payment system that developers and organizations build to help people and businesses hold and transfer Real Coins for everyday use.

With the proliferation of smartphones and wireless data, more people are coming online and will be able to access the Real payment system.

The Real payment system will support single-currency stable coins (e.g., USD, EUR, GBP, etc.) and a multi-currency coin (REAL), which we refer to together as Real Coins. Real Coins will need to be accepted in many places and easy to access for those who want to use them. People need to have confidence that they can use Real Coins and that their value will remain relatively stable over time. To accomplish this, each single-currency stable coin will be backed 1:1 by the Reserve, which will consist of cash or cash equivalents and very short-term government securities denominated in the relevant currency. Each REAL, being a composite of 1:1-backed single-currency stable coins supported by the REAL network, inherits the backing and stability of those stable coins. The REAL Reserve will be administered to preserve the value of Real Coins over time.

The REAL network is designed to be a globally accessible and low-cost payment system — a complement to, not a replacement for, domestic currencies. The stabilization of currencies and value preservation are key efforts that are properly within the exclusive remit of the public sector. Therefore, we are augmenting the REAL network by including single-currency stable coins (e.g., USD, EUR, GBP, etc.) and planning to increase the number of single-currency stable coins over time. These will enable a range of domestic use cases by giving people and businesses the ability to transact in a stable coin denominated in their own currency. Each single-currency stable coin will be supported by a Reserve of cash or cash-equivalents and very short-term government securities denominated in that currency and issued by the home country of that currency. Single-currency stable coins will only be minted and burned in response to market demand for that coin. Because of the 1:1 backing of each coin, this approach would not result in new net money creation.



For countries that do not have a single-currency stable coin on the REAL network, we believe REAL is a neutral and low-volatility alternative that could ensure users in such regions can benefit from accessing the network and increased financial inclusion.

In this context, REAL could operate as a settlement coin in cross-border transactions, and people and businesses could convert the REAL they receive into local currency to spend on goods and services through third-party financial service providers. For example, consider a REAL user in the US wanting to send money to their family in another country.

The sender in the US would likely use \$USD as their default Real Coin to make the transfer. If the receiver lives in a region with a different single-currency stable coin on the REAL network, the sender could transfer that single-currency stable coin or the receiver could convert \$USD to that single-currency stable coin or local currency through a third-party financial service provider, providing a convenient and simple option for the receiver to access and use the funds.

If a single-currency stable coin is not available, the transfer could be made in REAL. The receiver could convert REAL into their local currency through a third-party financial service provider to buy goods and services in that currency. The REAL network would itself provide for, record, or settle conversions between Real Coins and fiat currency or other cryptocurrencies by designing switches and using banking platforms and exchange offices; and, as noted, any such exchange functionality would be conducted by third-party financial service providers.

Real Coin is the first digital currency in the world that can be extracted in two ways proof_of_work and proof_of_stake This currency is based on the Ethereum blockchain under the standard ERC20 way Has been launched.

In addition, Real Coin has the capability of Mintable, which means a stable token on a secure payment system.

In the following, we will explain about the designed standard and the characteristics of being Mintable ERC20 Token:

What Are Mintable ERC20 Tokens?

Mintable tokens are ERC20-compatible tokens with one added feature: new tokens can be created at any time and added to total supply. Standard ERC20 tokens don't have this feature, which makes them a fixed supply tokens.

Mint function is defined like this in Solidity: function mint(address to, uint256 value) public only Minter returns (bool) New tokens can be minted only by an address which is set to be in a Minter role. If no address is in Minter role, then no one can create new tokens.



3.2 Minter Role

Minter role is an address that has a special privilege to create new tokens, thus adding them to total supply. There could be multiple Minter role addresses, but in practice, it's usually just one address. The first Minter is the address that deployed the token contract. Current minter can add new minter, renounce his privilege to be minter, or transfer his right to other address.

3.2.1 Adding New Minter

When a Minter wants to add another Minter, he can call the following function: function `add Minter(address account) public only Minter` We can see that by using function modifier *only Minter* only current Minter can add a new Minter.

Calling *add Minter* function emits the following event: event `Minter Added(address indexed account)`

3.2.2 Renouncing Minter Role

Current Minter can renounce his privilege by calling the following function: function `renounce Minter() public` Only address that is Minter can renounce itself from Minter role, no one else. Calling *renounce Minter* function emits the following event: event `Minter Removed(address indexed account)`.

3.2.3 Transferring Minter Role

Current Minter can transfer his privilege by calling the following function:

function `transfer Minter Role(address new Minter) public` Function *transfer Minter Role* adds new minter and renounces Minter role privilege in one transaction. It emits both *Minter Added* and *Minter Removed* events.

3.2.4 Minting vs Mining

Minting is not the same as mining. This is a common misunderstanding when people are talking about cryptocurrencies.

Minting tokens is done by sending a transaction that creates new tokens inside of token smart contract. As we have seen in What are mintable tokens, a call to a smart contract function can create unlimited number of tokens, without spending energy.

On the other hand, mining does create new tokens, but is usually limited as per consensus rules of that blockchain, and requires spending energy. Mining also serves other purposes like securing the network and packing new transactions into blocks.

3.2.5 Mintable Token Examples

There are plenty of mintable ERC20 tokens out there. Here are some of the more interesting tokens.



3.2.6 Dai (DAI)

DAI is decentralized stablecoin pegged to \$1 USD used in the Maker DAO system. Users can lock their crypto assets (ETH) inside of Maker DAO contract, and in return get DAI tokens. Every time ETH is locked in CDP (Collateralized Debt Position), new DAI tokens are minted by the Maker DAO contract.

3.2.7 Mintable Tokens in Crowdsales

Mintable tokens are widely used in combination with crowdsales. Crowdsale contracts are used to create an ICO where ERC20 tokens are sold for ETH. Here's the mechanism used for combining mintable tokens with crowdsale:

1. ICO maker deploys mintable token contract, giving him a Minter role
2. ICO maker deploys crowdsale contract
3. ICO maker transfers Minter role to crowdsale contract. Only crowdsale contract can mint new tokens.

Now, the crowdsale begins. Investor comes along and wants to invest in new tokens. He sends ETH to crowdsale contract, contract mints brand new ERC20 tokens at current price and sends them to investor.

But there are differences between real coin tokens and other tokens on the market, one of the most important of which is mining in two ways Proof of Work and Proof of Stake.

3.3 Proof of Work

The way that users detect tampering in practice is through hashes, long strings of numbers that serve as proof of work. Put a given set of data through a hash function (bitcoin uses SHA-256), and it will only ever generate one hash. Due to the "avalanche effect," however, even a tiny change to any portion of the original data will result in a totally unrecognizable hash. Whatever the size of the original data set, the hash generated by a given function will be the same length. The hash is a one-way function: it cannot be used to obtain the original data, only to check that the data that generated the hash matches the original data.

Generating just any hash for a set of bitcoin transactions would be trivial for a modern computer, so in order to turn the process into "work," the bitcoin network sets a certain level of "difficulty." This setting is adjusted so that a new block is "mined" – added to the blockchain by generating a valid hash – approximately every 10 minutes. Setting difficulty is accomplished by establishing a "target" for the hash: the lower the target, the smaller the set of valid hashes, and the harder it is to generate one.



In practice, this means a hash that starts with a long string of zeros: the hash for block #429818, for example, is 000000000000000004dd3426129639082239efd583b5273b1bd75e8d78ff2e8d. That block contains 2,012 transactions involving just over 1,000 bitcoin, as well as the header of the previous block. If a user changed one transaction amount by 0.0001 bitcoin, the resultant hash would be unrecognizable, and the network would reject the fraud.

Since a given set of data can only generate one hash, how do miners make sure they generate a hash below the target? They alter the input by adding an integer, called a nonce ("number used once"). Once a valid hash is found, it is broadcast to the network, and the block is added to the blockchain.

Mining is a competitive process, but it is more of a lottery than a race. On average, someone will generate acceptable proof of work every ten minutes, but who it will be is anyone's guess. Miners pool together to increase their chances of mining blocks, which generates transaction fees and, for a limited time, a reward of newly-created bitcoins.

Proof of work makes it extremely difficult to alter any aspect of the blockchain, since such an alteration would require re-mining all subsequent blocks. It also makes it difficult for a user or pool of users to monopolize the network's computing power, since the machinery and power required to complete the hash functions are expensive.

3.4 What Is Proof of Stake (POS)?

Proof of Stake (POS) concept states that a person can mine or validate block transactions according to how many coins he or she holds. This means that the more Bitcoin or altcoin owned by a miner, the more mining power he or she has

3.4.1 KEY TAKEAWAYS

- With Proof of Stake (POS), Bitcoin miners can mine or validate block transactions based on the amount of Bitcoin a miner holds.
- Proof of Stake (POS) was created as an alternative to Proof of Work (POW), which is the original consensus algorithm in Blockchain technology, used to confirm transactions and add new blocks to the chain.
- Proof of Work (POW) requires huge amounts of energy, with miners needing to sell their coins to ultimately foot the bill; Proof of Stake (POS) gives mining power based on the percentage of coins held by a miner.
- Proof of Stake (POS) is seen as less risky in terms of the potential for miners to attack the network, as it structures compensation in a way that makes an attack less advantageous for the miner.



3.5 Understanding Proof of Stake (POS)

The proof of stake was created as an alternative to the proof of work (PoW), to tackle inherent issues in the latter. When a transaction is initiated, the transaction data is fitted into a block with a maximum capacity of 1 megabyte, and then duplicated across multiple computers or nodes on the network. The nodes are the administrative body of the blockchain and verify the legitimacy of the transactions in each block. To carry out the verification step, the nodes or miners would need to solve a computational puzzle, known as the proof of work problem. The first miner to decrypt each block transaction problem gets rewarded with coin. Once a block of transactions has been verified, it is added to the blockchain, a public transparent ledger.

Mining requires a great deal of computing power to run different cryptographic calculations to unlock the computational challenges. The computing power translates into a high amount of electricity and power needed for the proof of work. In 2015, it was estimated that one Bitcoin transaction required the amount of electricity needed to power up 1.57 American households per day. To foot the electricity bill, miners would usually sell their awarded coins for fiat money, which would lead to a downward movement in the price of the cryptocurrency.

The proof of stake (POS) seeks to address this issue by attributing mining power to the proportion of coins held by a miner. This way, instead of utilizing energy to answer PoW puzzles, a POS miner is limited to mining a percentage of transactions that is reflective of his or her ownership stake. For instance, a miner who owns 3% of the Bitcoin available can theoretically mine only 3% of the blocks.

3.6 Why Real Coin?

- The Real Coin team is launching the global pay and receive system
- The largest global trading system to flow your capital and increase your capital level
- Complete transparency in the direction of your investment and observing the flow of your capital and even controlling it
- Blurring the line between the blockchain and real capital through a link between crypto and Fiat currency through the largest Real global payment
- Execution of block chain on the real market in such a way that we consider each product, service and service provider as a block and we are created by the system of receiving and paying and we connect these blocks and this means Unlimited capital flow
- The REAL Posing machine allows you to make transactions through crypto or Fiat currencies, and this means unlimited payment.
- Creating a personal banking system through Real wallet and capital management





CHAPTER #4

REAL COMMUNITY & CONNECTIONS



4.1 User registration

4.1.1 For individuals User

being an individual must register a User account. For this purpose, the User must provide the Real Coin web site with the following personal data:

- full name;
- login and password for the User account;
- contact details: phone, email;

country of residence (if the country is from the REAL community, the User will not be allowed to pass KYC)

Then the data will be checked by sending test SMS and email messages. In case of successful confirmation, the User will provide the following personal data and scans of certified documents during registration:

- identification document (passport; ID);
- driver's license or other identification document (number, date of issue, name of the issuing authority and photo of the owner);
- address of the place of residence;

- confirmation of the residence address (housing or utility bill, bank statement, insurance, etc.);
- TIN;
- Place of work and position / job title / type of activity;
- Contact details of the place of work: address, www, phone; Annual income and sources, amount of own assets;
- Experience in investment and understanding of market risk;
- Letter signed by the User confirming the authenticity of submitted documents and responsibility for misrepresentation;
- Selfie with identification document and REAL inscription and current date;
- Other documents that may be required by KYC



4.1.2 For legal entities

The User that is a legal entity wishing to purchase Tokens must register a User account. Within the framework of KYC, the User that is a legal entity will provide the Real Coin web site with the following data:

- Legal entity name;
- legal form of incorporation;
- registration address and postal address;
- company registration number and date, TIN, type of activity;
- contact phone numbers, email, company website;
- letter from the servicing bank;
- documents regulating activities (e.g., charter);
- copies of the latest financial statements;
- names of persons in management positions;
- evidence of executive authority information about the beneficiaries

4.1.3 KYC

Documents provided by Users will be checked by authorized employees of the company, and KYC will also be outsourced to specialized companies, which will be sent Users personal data for verification. Data received from Users may be stored.

After the verification and obtaining a satisfactory result, the Users will be able to access personal wallets and accounts subject to their functions as described herein. Otherwise, such access will not be granted and further work will cease. This verification for using from Global Payment system is important but just for purchase REAL Tokens don't need this verification method. G & S Enterprises Company will take efforts to constantly monitor the relevance of data and information required for KYC Users procedures and will request relevant Users to update them where necessary.



4.2 policy

4.2.1 Security policy

Because we gathered here to facilitate the payment methods and access to money, we assure you that the security of your accounts and investment will be precisely monitored under a 24/7 system. Moreover, we are to decrease time and energy for liquidity. It should be mentioned that we will on no account have the right to block your accounts due to geographical or regional polices, and Real team assure you of this important matter.

4.2.2 Executive policy:

Humanitarian goals in the direction of business and education and the creation of public welfare in the form of charities and development of humanitarian infrastructure. A new look at life and human motivations to improve the standard of living in human society, support local and regional businesses, create a platform for buying and selling goods by REAL.

4.2.3 Investment policies:

REAL Group has experienced investment in the education and public health infrastructure sectors with a view to development and is willing to participate in joint projects to support entrepreneurs and support family heads, especially low-income individuals. For the first time, we have activated the purity of goods, and national and UN projects are also among the favorite parts of this international collection.



4.3 ICO Planning

This is a comprehensive program to attract public participation in the financing of the Real Coin team. In other words, by purchasing Real Coin tokens, you can connect to the flow of Global Payment System project from now on.

the Real Coin Token is offered as follows:

- Stake reward 15%
- Mine as work reward 25%
- Private Sale 12%
- public Sale 10%
- seed sale 0.5
- UN & Charity 10%
- Founder 15%
- Team 7%
- strategic partner 5.5%



On the other hand, the ability to increase the maximum amount of tokens can only be minted through the creator's account



4.3.1 ICO Planning Timeline

T-MINUS 4 MONTHS

- General preparation
- Market research
- White paper
- Website

T-MINUS 3 MONTHS

- Lead generation
- Social audience building
- First blog posts
- Start of influencer marketing

T-MINUS 2 MONTHS

- Lead generation contest
- Weekly emails
- Blog posts every two weeks
- Bounty programs
- Social audience building

POST-ICO

- Results audit
- Results press release
- Post-ICO communications

T-MINUS 1 MONTH

- Daily emails
- Weekly blog posts
- Pre-ICO press release
- Main advertising campaigns
- Re-targeting campaigns

ICO LAUNCH

- ICO launch press release
- ICO news items



4.4 REAL Community

REAL Team Abstract of a team with 18 years of experience in the field of banking switches. Finance .Marketing. Petroleum derivatives.

Moreover, they have come together to create a currency that will transform the future of payments.

It is the world's first pay-per-view currency that, in addition to offering Proof Of Work and Proof Of Stake, and the team's achievements are not limited to this. The REAL team has intelligently produced the first generation of global payment cards based on the blockchain ,which is offered under the top eight licenses of the Blockchains Community, So It means The Real Coin Community Blurring the border between the world of Cryptocurrency and the world of Fiat currency, and this is not the END!

With your smart Blockchain-Based wallet, which is in the form of a simple bank card, you can buy and pay around the world, and It's means touching the real world through the Blockchain.

Every day, we see countless economic competitions on the some countries in the world, such as: China and the United States and etc.

Which fluctuate the currencies of those countries strangely, and your assets in country X may be half of the other countries, but when you have money or currency, that is also in terms of value support. Technical and trading has the best performance and you can use it globally in all countries of the world for your purchases and payments. Not only having your money and also not decrease in value, but our investors who are the buyers will receive a profit. Moreover , maybe you have a question that a team with this volume has lost and the ability to be profitable, why should it come to create a currency with these characteristics? Your answer is a dream: a dream to destroy the mental and physical boundaries that we have for ourselves. Also We created several training programs on Android operating systems, Java and IOS that supporting the most basic level of education up to PhD, which is supported by reputable virtual universities and its scientific value is confirmed.

Documents communicated to individuals have international value and can be used in all parts of the world;

The reason for this is that by promoting science and knowledge in society, people will make technology easier to live in their lives, and they will more easily remove the mental barrier they created for themselves and create a life with technology that is healthier, safer and faster than before.

REAL COIN



4.5 Our products & Key partners

Qrpoil

EXPORTS OF OIL DERIVATIVES



GSE

G & S ENTERPRISES LTD

REAL COIN



4.6 The REAL Association

We believe that making the REAL mission a reality is best accomplished by diverse and independent collaborators. This is the role played by the REAL Association — an independent membership organization — and its wholly-owned subsidiary REAL Networks, both headquartered in Cyprus, Switzerland. The Association strives to be a well respected international institution. The choice of Switzerland as the home for the Association is motivated by its openness towards financial innovation, commitment to robust financial regulation and history as a hub for international organizations.

The Association is designed to facilitate the operation of the Real Coin payment system; to coordinate the agreement among its stakeholders in their pursuit to promote, develop, and expand the network; to oversee the administration of the Real Coin Reserve; and to facilitate the provision of services in the REAL payment system in a safe and compliant manner.

The Association is governed by the Association Council, which is comprised of one representative per Association Member. Each Council representative is entitled to one vote on each matter brought to the Council for approval. Together, they make policy decisions on the governance of the REAL network and Reserve.

Currently, the Members consist of businesses and nonprofit organizations from around the world. The Council may delegate its authorities to the board and the executive staff of the Association and rely on the board and the executive staff for the execution of its decisions.



	YEAR	2020	2021	2022	2023	2024	2025
TECHNICAL ITEMS	SOFTWARE WALLET	-	Provide an initial version of the wallet	Upgrade security wallet	Enable Mining in the manner Proof_of_stake	Enabling the management and accounting of capital flows and the management of receipts and payments	Enabling the management and accounting of capital flows and the management of receipts and payments
	HARDWARE WALLET	First generation of Real Wallet	Upgrade technology to add face recognition	Add more exchanges for internal exchange	Upgrade hardware wallet body material	Increase security level Create anti-malware escape algorithm	Upgrade the technology of connections
	POS	Concept design of the POS device and market planning as well as technical design of the device	The first version of the POS device for use in very large markets	Preparing a version for use in very high transaction markets	Provide the final version for use in all markets	Upgrade payment and connection technology	Achieve the highest level of hardware and software security for transactions
	GLOBAL PAYMENT SYSTEM	-	Presenting the first version of the receipt and payment system with 2 World Banks	Increase the speed of the payment cycle by connecting more banks to this network	Receipt and payment system integration	Increase transaction security levels and become an impenetrable system	Development and implementation of the system on all blockchains
	EXCHANGE	-	Creating the largest system of internal REAL exchanges	Exchange offices start in Turkey and Canada	Exchange offices in the United States, Australia and Spain	Starting trading system of China, Japan, Dubai, Ukraine and others	Innovation in digital currency trading and the evolution of the trading system
	RT (TRADING ROBT)	Provide the first version of the robot and use it to direct your capital with the executor for review	Increase system intelligence	Increase transaction risk security and reduce errors	Provide a public version	Enable trading on goods	Make it possible to make new trading market
	BLOCKCHAIN DEVELOPMENT	-	Presenting the first version of REAL Blockchain	Development of blockchain and increase of blockchain development technologies	Provide a blockchain version to transfer the global payment system to blockchain and integration	Development of security infrastructure to make the blockchain network impenetrable	Provide infrastructure for the development of local coins and local exchanges to create domestic markets

	YEAR	2020	2021	2022	2023	2024	2025
EDUCATIONAL ITEMS	UNIVERSITIES	London college and some educational institute	Add European and Asian universities	Add and cover universities in Canada and the United States	Complete and add all universities around the world	Changing the financial, payment and teaching systems of universities	Free education for the deprived around the world
	CLOUD UNIVERSITIES	-	Setting up a virtual university system	Changing the education system of the covered universities to the virtual university system	Enabling free conversation and holding tests and training on a blockchain platform	Provide borderless access to professors and universities around the world	Creating a blockchain infrastructure for all universities means transferring the technology of virtual universities to other universities privately and internally.

	YEAR	2020	2021	2022	2023	2024	2025
BUSINESS PROGRAM	Purity of goods	-	Establish a commodity purification system	Establishing purity of goods in the internal system of each country	Establishing purity of goods between countries of one continent	Establishing the purity of intercontinental goods	Upgrade logistics and modern block management and process safely
	PLACE OF INTERMEDIATE	Universities and educational institutions	Restaurants, hotels and recreational-tourist places	Hospitals and health facilities	Clubs and entertainment venues	Banks and financial institutions	Wherever you need to receive and pay

4.9 What's Next?

It has been an important nine months since our initial announcement of the Real Coin project. The REAL Association has had many helpful discussions with regulators, central bankers, elected officials, and various stakeholders around the world to determine the best way to marry blockchain technology with accepted regulatory frameworks. Further, the Association participated in conversations for the G7 report on stable coins, and engaged in constructive dialogue with international stakeholders such as the Financial Stability Board, World Bank Group, International Monetary Fund, Bank for International Settlements, Inter- American Development Bank, World Economic Forum, and central banks and financial system authorities in jurisdictions around the world. It has also been exciting to see thousands of developers engage with the open-source REAL Blockchain code For Future designing, and their work has made millions of test transactions on the REAL testnet On the Future time on the other word we create a REAL Blockchain and so you can join on it. The Association has elected a board of directors, added new Members, and established a strong, independent operating cadence. Most importantly, international discussion around financial innovation and inclusion has accelerated.

Operating a payment system that can support responsible financial services innovation requires ongoing engagement with key stakeholders at regional, national, and international levels. To this end, REAL Networks is in the process of filing for a payment systems license with the Swiss Financial Market Supervisory Authority. We believe that lowering the barriers to entry to the modern financial system should not lower the bar of strong regulatory standards.

Looking ahead, the Association will continue to engage in constructive international dialogue about how to harmonize regulatory standards, approaches to consumer protection, and extending the perimeter of payments to include marginalized communities. The Association remains committed to public-private collaboration to deliver financial system innovations. Indeed, as the prospect of central bank digital currencies becomes a reality, the expectation that the REAL payment system will be capable of being upgraded to support these public sector innovations is a design principle we aim to deliver.



4.10 Conclusion

The mission of the REAL Association is to enable a simple global payment system and financial infrastructure that empowers billions of people. With more than 1.7 billion people who are either unbanked or underbanked around the world, large-scale innovation that promotes financial inclusion, compliance, and competition could help those who need it the most.

Since the release of the first Real Coin white paper on November 05, 2020, the Association has incorporated feedback from policymakers, regulators, and other stakeholders who have materially improved the design of the project. We are hopeful these changes ensure that the Association can achieve its ultimate goal of modernizing payment infrastructure and creating a core transport layer for value that is low-cost, interoperable, and compliant.

We are grateful for the engagement and commitment that so many organizations and individuals have demonstrated in helping define this opportunity for the world. We remain fully committed to the mission and are eager to begin delivering on it.



REAL COIN




The best make the best, but the infinities create a circle for the best to be made. Thank you very much for reading this white paper. We welcome all the infinities in our cycle and we are ready to receive your comments and suggestions for the best ones.

Real team

05. November, 2020

REAL COIN TEAM

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