



WHITEPAPER

# TAS GOLD TOKEN (TASG)

A Digital Token backed by  
physical Gold.



Tokenized  
Asset Solutions<sup>®</sup>

# ABSTRACT

Gold in the form of coins and gold bars has been used for thousands of years as the most trusted form of money; a store of wealth and a medium of exchange to buy & sell. The problem with physical gold has always been issues with security and transportation, so paper money was created, backed by physical gold with the gold kept in secure facilities around the world. It was called the 'Gold Standard'.

When paper currency was decoupled from its gold backing in the 1970s, governments were able to print unlimited money based on their own good judgement, rather than backed by gold, or any other tangible underlying asset<sup>1</sup>. Winding forward to today there are record amounts of money being printed by central banks to stimulate economies, also increasing asset values around the world, causing a 'bubble' in nearly all asset classes. With the uncertain economic times we live in, gold is starting to gain a lot of attention as a way to protect wealth<sup>2</sup>.

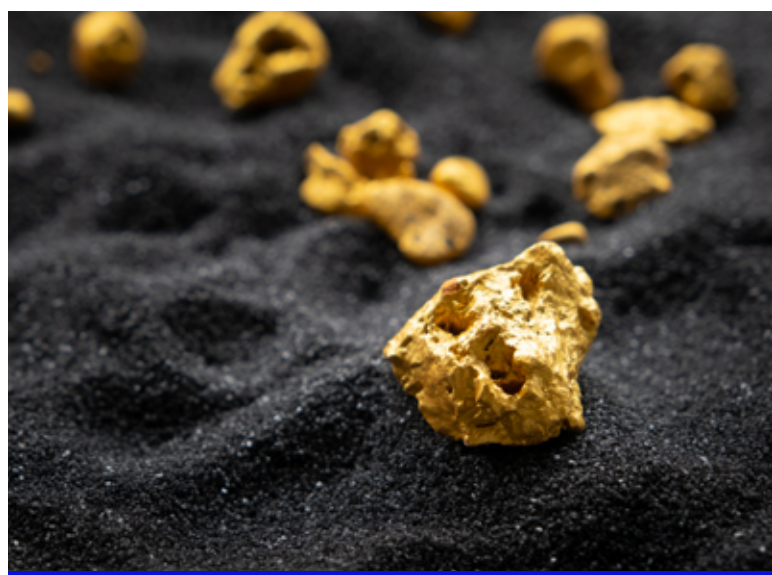
There are currently nine trillion dollars of physical gold stored around the globe. As a wealth-protection asset, it has the same issues of storage, security, transformation, and trading in small amounts. As much as people want to own gold, these problems hold people back.

## The TAS Gold Token solves the physical gold problems.

Using the Blockchain and crypto currency, it is now possible to buy/sell gold through a trusted token that is fully backed by the physical gold. TASG token-holders now can secure their wealth with gold and buy, sell, and transfer it in small amounts that previously would have never been economically feasible.

Each issued TAS Gold token in circulation is backed by one ounce of highest quality gold bought and stored in the vaults of reputable bullion dealers. The token is easy to buy.

The token is redeemable subject to Terms of Sale. All client gold holdings are held separately from Tokenized Asset Solutions' operations and are not intermingled.



1 The Gold Standard Didn't Disappear In 1971, It Just Went Underground: <https://www.forbes.com/sites/nathanlewis/2018/11/16/the-gold-standard-didnt-disappear-in-1971-it-just-went-underground/?sh=2db9a303697e>. Accessed on 02 Dec 2020  
2 Investing in Gold: <https://www.morganstanley.com/articles/investing-in-gold>. Accessed on 02 Dec 2020

# HISTORY OF GOLD AND MONEY



Gold has always played an important role in the international monetary system. Gold coins were first issued in Lydia (now part of Turkey) around 550 BC. They circulated as currency in many countries before the introduction of paper money<sup>3</sup>.

By the late 19th century, many of the world's major currencies were fixed to gold at a set price per ounce, under the 'Gold Standard'<sup>1</sup> In 1861, the US treasury printed the first U.S. paper currency. The Gold Standard Act of 1900 established gold as the only metal for redeeming paper currency. European countries who wanted to standardise transactions soon adopted the 'gold standard'. It guaranteed that the government would redeem any amount of paper money for its value in gold. This meant that transactions no longer had to occur using the heavy gold bullion or coins; instead paper currency was used as it guaranteed its value to something real (i.e. Gold)<sup>4</sup>

During the Second World War it became clear that a new monetary system was needed to replace the Gold Standard, as many countries had their currencies removed from the gold standard in order for them to print more currency bills, to help finance their war effort. After the war, the world pegged their currency to the US dollar which was again backed by gold, yet the US government still wanted to print more money, President Nixon removed the gold backing in 1971 and the new era of 'FIAT currency' was born.

Today no currency is backed by gold, and Reserve Banks have dramatically increased the money supply globally to stimulate their economies. This has reduced the world's confidence in the value of currencies meaning gold is back in favour as a way of protecting the value of wealth or value. More than nine trillion dollars of the total gold available today is used for investment<sup>5</sup>.

<sup>3</sup> Money and Gold: <https://www.gold.org/about-gold/history-gold/golds-role-money#:~:text=Gold%20has%20always%20played%20an,the%20introduction%20of%20paper%20money.> Accessed on 22 September 2020

<sup>4</sup> History of the Gold Standard: <https://www.thebalance.com/what-is-the-history-of-the-gold-standard-3306136> Accessed on 22 September 2020

<sup>5</sup> How big is the Gold Market: [http://www.perthmintbullion.com/au/blog/blog/20-07-02/How\\_big\\_is\\_the\\_global\\_gold\\_market.aspx#:~:text=At%20over%20USD%209.5%20trillion,at%20the%20end%20of%202019.](http://www.perthmintbullion.com/au/blog/blog/20-07-02/How_big_is_the_global_gold_market.aspx#:~:text=At%20over%20USD%209.5%20trillion,at%20the%20end%20of%202019.) Accessed on 2 Oct 2020

# PROBLEM STATEMENT

The problems associated with using physical gold as money or wealth-protection haven't changed in centuries. It is very difficult to buy in small amounts. The minimum purchase quantity of investment grade gold requires customers to buy a gold bar. Also, gold bars are expensive to store in secure vaults, and insecure if stored personally. There are large costs in transportation, and large expenses when buying and selling the gold.



## New Innovation – TASG Token

New technology allows for a new form of 'digital gold'.

Few people want to actually own the physical gold for all the reasons explained. What they actually want is to be able to diversify into the 'gold opportunity' in the simplest and most secure way. To enable them to switch out of other assets into gold.

New blockchain database technology, invented to create crypto currencies, like Bitcoin, can now be used to create a secure 'tokenized' digital form of gold. Just as the innovation of paper backed by gold transformed the world, so will the innovation of a new digital token backed by gold change the wealth market.

Now buying gold is simple and secure via blockchain technology. You can buy a fraction of an oz of gold because everything is digital.

***“New blockchain database technology, invented to create crypto currencies, like Bitcoin, can now be used to create a secure ‘tokenized’ digital form of gold.”***



*“New technology allows for a new form of ‘digital gold’.”*

## TASG Coin Details

- 1 TASG coin = 1 troy ounce of Gold.
- **Rights:** Anyone who owns the TASG token owns the underlying gold.
- **Circulating Supply:** The number of tokens in circulation is based on tokens issued. Tokens are only issued to customers with the equivalent amount of metal backing stored at the vaults.
- **Blockchain/Maximum Supply:** 100,000 tokens. Only issued with gold backing stored in vaults.
- **Divisibility:** Four decimal places which is approximately \$20
- **Token Creator:** Tokenized Asset Solutions Pty Ltd, Australia
- **Holding Company:** Tokenized Asset Solutions Pty Ltd, Australia

## Key features of the TAS Gold Token (TASG)

- **Underlying Asset:** The physical gold is bought from reputed bullion dealers and is stored in secured vaults.
- **Token Storage:** Token can be stored using Ethereum compatible wallets.
- **Storage fees:** TAS does not charge storage fees for the storage of the physical gold.
- **Trading:** TASG can be bought and sold on selected token exchanges.
- **Redeemable:** TASG token are redeemable in a number of ways including the physical (conditions apply, see below).
- **Metals Holding Confirmation:** To verify the gold backing of tokens an independent third-party accounting firm will review and verify holdings on a quarterly basis, to confirm that tokens issued to customers correspond to physical gold held in the vault.
- **Blockchain:** TASG is an Ethereum based token made using the ERC-20 protocol. All transactions of TASG occur using the Ethereum blockchain and all transactions which occur ‘on-chain’ may be inspected using a block explorer.

## Redeemability

- TASG token is redeemable in a number of ways giving token owners flexibility.
  1. Tokenized Asset Solutions (TAS) offers the holders the option to sell their tokens for crypto-currency (i.e. BTC, USDT or USDC) should the token owner not want to sell on a different exchange. There are costs for this option additional to exchange fees.
  2. Token owners have the ability to redeem their tokens into physical allocated gold bars via an Over The Counter (OTC) process. Minimum redemption amounts are applicable for physical gold redemption.
- TASG allows customers to buy investment grade gold in small amounts. Due to the fabrication and logistics charges, redemption of physical gold is available for 5 TASG tokens (i.e. 5 troy ounces of gold) and above. There is a maximum threshold amount set for delivery of the physical gold metal which will be advised to the customer before the transaction is processed. Customers need to contact TAS via email to [info@tokenizedassetsolutions.com](mailto:info@tokenizedassetsolutions.com) on the minimum and maximum thresholds as and when a customer requests physical gold redemption.
- If a customer is not able to meet the minimum requirements, TAS also offers the option to convert TASG tokens into Bitcoin, USDT or USDC. Customers can sell their TASG tokens to TAS and in turn, TAS will sell the underlying asset back to the bullion dealer and credit the customers wallets with either Bitcoin, USDT or USDC.
- While TAS endeavours to provide the physical Gold upon redeemability, this feature is not available in some countries and locations. Where it is not possible, customers can sell their TASG tokens to TAS for Bitcoin, USDT or USDC.

## ERC-20 Token

TASG is an ERC-20 token minted on the Ethereum blockchain. Ethereum is the largest general blockchain network which gives security and reliability. As per the ERC-20 protocol, the token has a smart contract that follows a standard characteristic (i.e. name, symbol, decimal precision, etc.) The total number of tokens and token balances can be tracked on the blockchain which gives full transparency.

## Buying TAS Gold Tokens

The process of buying TASG is a simple matter of purchasing through an exchange that allows the purchase. Storage is then possible at the exchange or an external wallet that stores ERC-20 tokens.

# DISCLAIMER

This document is not the offer of a product or intended to be promoting the purchase of TASG. It is informational in nature only and readers should undertake their own due diligence in order to evaluate any and all risks that might be associated with TAS and TASG Coins or holding gold. The price of gold can be volatile and any purchases are made at your own risk. Holding digital assets requires a level of technical sophistication and it is possible to destroy or lose access to tokens if you use a wallet and do not properly secure your seed phrase or private key. See our Terms and Conditions on the TAS website [www.tokenizedassetsolutions.com](http://www.tokenizedassetsolutions.com) for further risk warnings.

## **Risks may include but may not be limited to:**

### **MARKET RISK**

The market for the exchange of tokens and crypto assets is unregulated, fluid, and immature. Currency and token values are subject to large and often dramatic fluctuations. There can be no guarantee that values may remain stable, increase, or decrease in any particular time period. Market fluctuations cannot be predicted. There is no guarantee that the value of tokens may rise after purchase.

### **PRICE RISK**

The price of gold is subject to global factors that cause it to rise and fall in value. It is common for prices to increase or decrease in a single day. Anyone looking to purchase gold backed crypto-tokens should consult a fully qualified independent professional financial adviser.

### **NO INVESTMENT ADVICE**

The information provided in this document does not constitute investment advice, financial advice, trading advice or any other sort of advice and you should not treat any of this document's content as such. TAS does not recommend that any token should be bought, sold, or held by you and nothing in this presentation should be taken as an offer to buy, sell or hold a token. Do conduct your own due diligence and consult your financial adviser before making any investment decision.

### **ACCURACY OF INFORMATION**

TAS has taken all reasonable steps to ensure the information listed in this presentation is accurate as at the date of publication. TAS will not accept any responsibility for any missing or inaccurate information. You understand that you are using any and all information available here at your own risk.

### **TECHNOLOGY RISK**

The TASG token represents one ounce of gold. The token and its characteristics are built using the latest Ethereum technology. As with all new technologies and blockchain protocols there are underlying risks to the technology that may not be apparent at this time. These include hacking risk, network risk and regulatory risk. The underlying gold always remains protected however ownership verification and transferability risks could occur.

To contact TAS please email  
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