



WHITEPAPER

TAS PLATINUM TOKEN (DXPT)

A Digital Token backed by
physical Platinum.



Tokenized
Asset Solutions®

ABSTRACT

Platinum is an attractive Precious Metal that people use to protect their wealth along with Gold and Silver. Whilst Gold and Silver are much better known, Platinum is well supported and more attractive to many given its rarity and use cases allowing it to be a store of value.

Archaeologists have discovered traces of platinum in the gold used in ancient Egyptian burials as early as 1200 BC. The first European reference to platinum appears in 1557, in the writings of an Italian and is referred to as a metal “which no fire nor any Spanish artifice has yet been able to liquefy”.¹

Because of its scarcity in Earth’s crust, only a few hundred tonnes are produced annually, and given its important uses, it is highly valuable as a precious metals commodity. Platinum is not commonly combined with other metals and is therefore mostly pure and considered a native metal. Modern uses for Platinum include: catalytic converters, laboratory equipment, electrical contacts, medical equipment, and jewellery.²

When purchased to protect wealth, Platinum suffers from the five major issues in its physical metal form in terms of cost and hassle. It is expensive to buy/sell, the purchase sizes are more inconvenient, and it is hard to store, secure and transport, so few can take advantage of holding it in their portfolio easily.

The TAS Platinum Token solves the physical platinum problems.

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

Each issued TAS Platinum token in circulation is backed by one ounce of highest quality platinum 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 platinum holdings are held separately from Tokenized Asset Solutions’ operations and are not intermingled.



¹ Fun facts about platinum: <https://www.mgsrefining.com/blog/2016/05/04/fun-facts-about-platinum>. Accessed on 16 Sep 2021

² 10 Interesting facts about platinum that will make you consider refining it: <https://medium.com/@allwastematters/10-interesting-facts-about-platinum-that-will-make-you-consider-refining-it-e863537d891f>. Accessed on 16 Sep 2021

HISTORY OF PLATINUM



The first known mention of Platinum can be found in the writings of Julius Caesar Scaliger who saw platinum while visiting Central America in 1557.

The first complete description of the metal was given by Spanish military leader Don Antonio de Ulloa. Reports of the new element spread through Europe, and scientists were fascinated with its physical properties.³

The world's largest supplier of platinum is South Africa. Platinum is one of the rarest metals thus making its investment story a much shorter one compared to that of gold or silver.

One third of the platinum supply is used in the automotive industry. Due to the versatile nature of the metal, the usage of platinum has increased in a number of industries. The price of platinum tends to change depending on the supply and demand of the metal. The general market trend is that the price of platinum can be twice of that compared to gold during economic stability in the global markets, and the price of platinum tends to decrease during times of economic uncertainty. Platinum is also used widely in making jewellery.

Due to the scarcity of the metal, its versatile nature, and the use of the metal in many industries, platinum sits in the same investment category as gold and silver.

³ Platinum: <https://www.encyclopedia.com/science-and-technology/chemistry/compounds-and-elements/platinum>. Accessed on 15 Oct 2020

PROBLEM STATEMENT

The problems associated with using physical platinum 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 platinum requires customers to buy a platinum bar. Also, platinum 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 platinum



New Innovation – DXPT Token

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

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

New blockchain database technology, invented to create crypto currencies, like Bitcoin, can now be used to create a secure 'tokenized' digital form of platinum. The innovation of a new digital token backed by platinum will change the wealth market.

Now buying platinum is simple and secure via blockchain technology. You can buy a fraction of an oz of platinum 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 platinum.”



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

DXPT Coin Details

- 1 DXPT coin = 1 troy ounce of Platinum.
- **Rights:** Anyone who owns the DXPT token owns the underlying platinum.
- **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:** 25,000 tokens. Only issued with platinum backing stored in vaults.
- **Divisibility:** Four decimal places.
- **Token Creator:** Tokenized Asset Solutions Pty Ltd, Australia
- **Holding Company:** Tokenized Asset Solutions Pty Ltd, Australia

KEY FEATURES OF THE TAS PLATINUM TOKEN (DXPT)

- **Underlying Asset:** The physical platinum 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 platinum.
- **Trading:** DXPT can be bought and sold on selected token exchanges.
- **Redeemable:** DXPT token are redeemable in a number of ways including the physical (conditions apply, see below).
- **Metals Holding Confirmation:** To verify the platinum 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 platinum held in the vault.
- **Blockchain:** DXPT is an Ethereum based token made using the ERC-20 protocol. All transactions of DXPT occur using the Ethereum blockchain and all transactions which occur ‘on-chain’ may be inspected using a block explorer.

Redeemability

- DXPT 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 platinum bars via an Over The Counter (OTC) process. Minimum redemption amounts are applicable for physical platinum redemption.
- DXPT allows customers to buy investment grade platinum in small amounts. Due to the fabrication and logistics charges, redemption of physical platinum is available for 100 DXPT tokens (i.e. 5 troy ounces of platinum) and above. There is a maximum threshold amount set for delivery of the physical platinum metal which will be advised to the customer before the transaction is processed. Customers need to contact TAS via email to info@tokenizedassetsolutions.com on the minimum and maximum thresholds as and when a customer requests physical platinum redemption.
- If a customer is not able to meet the minimum requirements, TAS also offers the option to convert DXPT tokens into Bitcoin, USDT or USDC. Customers can sell their DXPT 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 Platinum upon redeemability, this feature is not available in some countries and locations. Where it is not possible, customers can sell their DXPT tokens to TAS for Bitcoin, USDT or USDC.

ERC-20 Token

DXPT 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 Platinum Tokens

The process of buying DXPT 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 DXPT. 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 DXPT Coins or holding platinum. The price of platinum 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 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 platinum 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 platinum 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 DXPT token represents one ounce of platinum. 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 platinum always remains protected however ownership verification and transferability risks could occur.

To contact TAS please email
info@tokenizedassetsolutions.com



Tokenized
Asset Solutions®