

# Product Paper for FinNexus Protocol for Options V1.0

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## What is FinNexus?

FinNexus is a multi-blockchain decentralized finance protocol with a focus on derivatives. It is a hub for connecting different decentralized ledgers to each other and users, and also for connecting with traditional finance applications. The first iteration of FinNexus will be a marketplace for hybrid decentralized/traditional financial products.

## What is the FinNexus Protocol for Options (FPO)?

FPO stands for FinNexus Protocol for Options. It is one of the main products of FinNexus.

FPO provides a decentralized way for writing and trading options. All the core functions of options-writing, trading, exercising, settlement, etc., occur on-chain and are managed by smart contracts. It is a permissionless, censorship-resistant, and non-custodial protocol.

FPO's goal is to make it simple to buy and exercise options in an easy, secure and decentralized way. It provides a friendly transaction venue for option sellers to sell options and earn rewards.

## Historical Version of FPO

The FinNexus Protocol for Options (FPO) was born in the summer of 2020. There have been 3 versions of the protocol so far, all of which were deployed in 2020:

1. FPO v0.1
2. WILDNET
3. FPO v1.0

The current live FPO model is FPO v1.0, which utilizes pooled liquidity. It has been live on both the Ethereum and Wanchain blockchains since November 2020.

### FPO v0.1 (Currently paused for future upgrades)

The options associated with FPO v0.1 are tokenized options that give the holders the right, but not the obligation, to buy or sell underlying crypto assets at a specified price at expiration.

The uniqueness of the FPO protocol lies in its 1) unique liquidity mechanism, 2) dynamic and multi-coin margin mechanism, and 3) liquidation mechanism.

FPO went live in July 2020 on the Wanchain mainnet and has been audited by BEOSIN. FPO v0.1 is currently paused for future upgrades.

Details of FPO v0.1 and contracts can be found [here](#) and [here](#).

## FPO WILDNET (Updated to FPO v1.0)

FPO WILDNET is an early, unaudited version of The FinNexus Protocol for Options (FPO) v1.0 on the Ethereum mainnet. Live in September 2020, it was upgraded to FPO v1.0 in November 2020.

FPO WILDNET utilized a single pool on Ethereum that pooled together three different crypto assets, USDC, ETH and FNX as collateral in the same pool. In the FPO WILDNET, option holders could choose to sell options back to the pool at the price derived from an on-chain pricing mechanism in the smart contract. These two functions, the multi-collateral asset pool and the ability to sell back the options to the pool, were changed or removed from the official release of FPO v1.0.

## FPO v1.0

### Introduction

The FinNexus Protocol for Options (FPO) v1.0 is a decentralized and non-custodial protocol for writing, trading, and exercising options with pooled liquidity. The protocol is accessible through a joint interface that supports multiple blockchains.

In addition to providing an attractive rate of return with diversified risk for option writers, this model is also friendly for options buyers. Buyers will be able to benefit from a wide variety of option types supplied by the pools and tailor unique strategies suitable to their needs. Buyers can also combine customized option terms in a variety of ways, enabling the creation of complex and powerful strategies. The model is easily extendable and is only limited by the amount of capital included in the collateral pools.

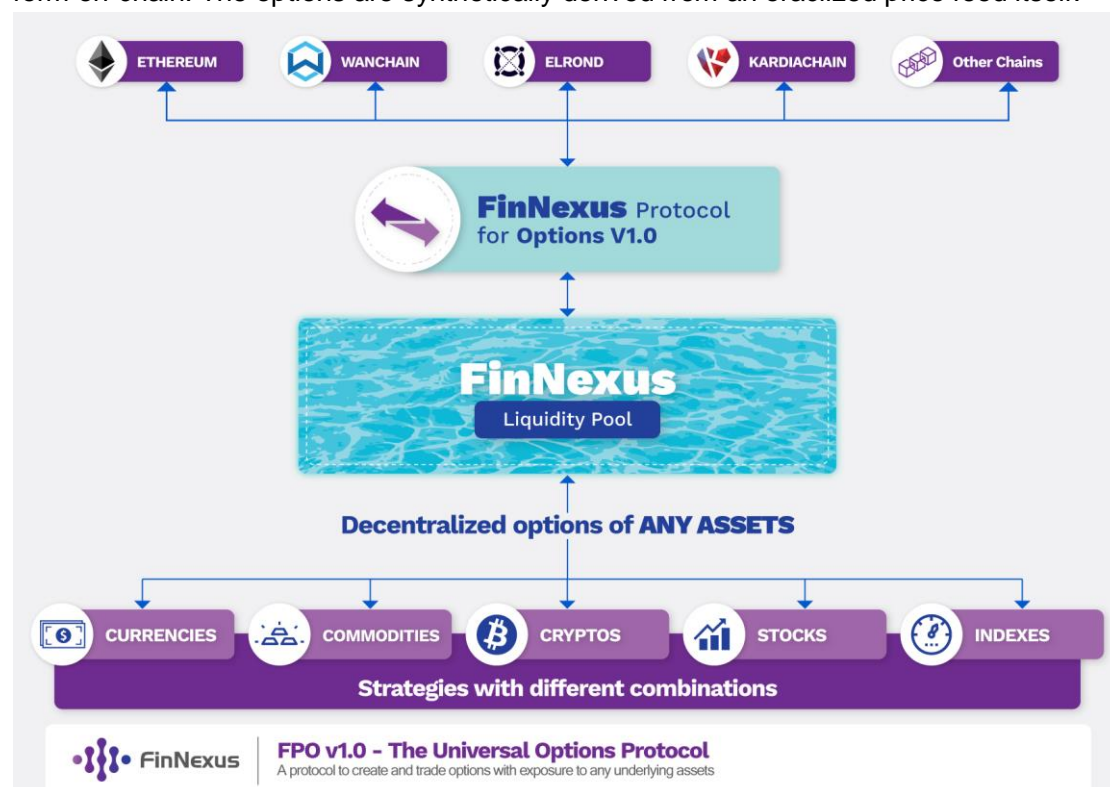
In a nutshell, FPO v1.0's elegant mechanisms benefit both liquidity pool contributors (known as liquidity providers or LPs), as well as options buyers and traders. No other DeFi options protocol currently sports our Multi-Asset Single-Pool (MASP) model, which we believe is the best way to bring together a fractured liquidity landscape for on-chain derivatives and ensure the best possible trading experience for our LPs and other users.

### The Universal Options Protocol

FPO v1.0 is a universal options protocol that enables the creation and trading of options or other derivatives from any type of underlying asset based on the collateral held in liquidity pools. Our mechanism is universal, in the sense that it provides both universal support for any underlying assets, as well as universal support for a variety of innovative models for options issuance.

FPO v1.0's pooled liquidity enables users to buy options directly through the protocol smart contract without individual counterparties. In the current construction of FPO v1.0, a separate liquidity pool must be maintained on each respective chain.

There is no limit to the types of options that can be created with the protocol. Any asset can be an underlier for FPO options — including cryptocurrencies from any blockchain, fiat currencies, commodities, equities, and practically any asset with a reliable on-chain price feed. Under this version of our protocol, it is not necessary for assets to exist in a tokenized form on-chain. The options are synthetically derived from an oraclized price feed itself.



The basic call/put options introduced with v1.0 serve as a foundation for many other combinations of options strategies (straddles, strangles, etc.). FNX token holders will be able to create their own unique portfolio tailored to their individual risk/return requirements. As we expand the number of assets included, these tools will become increasingly useful in creating bespoke strategies.

# Options basics

## What is an option?

An option is a binding contract that allows you (as the buyer) to sell or buy an underlying asset (goods, stocks, indexes, etc.) at a predetermined price within a set time frame. You as the buyer of an option contract, have the right, but not the obligation, to buy or sell the underlying asset. This is the most important difference between options contracts and futures contracts - with futures you are obligated to take delivery of the underlying asset.

With options, in order to get that right to buy or sell a particular asset at a predetermined price, you have to pay the option seller a price, which is called the **option premium**.

## Option Buyers and Sellers

Each option contract has two parties, the option buyer/holder and the option seller/writer. Unlike a futures contract, with options, the rights and obligations of the two sides of this equation (called “counterparties”) are not parallel. The option buyer pays the option premium and is entitled to rights only. The option seller receives the premium as consideration for giving up those rights.

## Collateral Requirements

Due to the counterparty relationship described above, the buyer/holder of an option may just want to wait and see how the market goes, waiting to decide whether to exercise the right or not. On the other hand, the seller/writer of an option has an obligation. Whenever the holder decides to exercise an option, he/she must settle according to the terms of the option contract. Therefore, a security deposit or collateral of some sort must be handled to ensure the contract will perform accordingly.

## A Note on the Transactions of Options in Traditional Finance

Options are bilateral contracts and can be traded freely on exchanges, like stocks. Normally, liquidity is provided by order books, and professional market-makers are active to ensure market depth.

An option buyer needs to find the contract with the desired terms and is usually concerned with the liquidity available on an exchange. He/she will typically go to OTC markets for trading in larger volumes.

An option seller needs to deposit a certain amount of collateral/margin predetermined by the exchange and receives premiums by completing a short trade.

The liquidity of different trading pairs is often segmented, with deeply in-the-money or out-of-the-money options often having illiquid markets.

## Liquidity Pools in FPO

### Liquidity Pools in DeFi

DeFi is changing how finance is working in many ways, including by creating the possibility of powering financial markets through liquidity pools.

Collective liquidity or monetary pools are not DeFi's creation, but in traditional finance, such pools often involve under-the-table operations and are hardly transparent. However, with blockchain technology, everything is coded in smart contracts and open to the public. Pools can be as transparent as they need to be, and it is a cost-efficient and effective way to boost liquidity.

There are different kinds of DeFi pools elaborately programmed for liquidity under various scenarios, and their applications are ever-growing. Lending pools, market-making pools, etc., are currently among the best known.

### Liquidity Pools in Decentralized Options

Decentralized options with liquidity pools as collateral are a great innovation in DeFi — something rarely seen in traditional finance.

In traditional finance, options are normally peer-to-peer bilateral contracts. But what if we collect the collateral and liquidity from the option sellers together in pools, controlled by smart contracts? Doing so would move the option contracts on-chain with a peer-to-pool model, with liquidity collected in the collateral pools.

The pools are the counterparties to all the options with different terms, while providing collaterals to them. Risks and premiums are shared equally across the entire group of liquidity providers so that no individual participant is at high risk and all participants can share the rewards.

## MASP Mechanism

### The MASP Concept

MASP stands for Multi-Asset-Single-Pool. It is the core mechanism applied in FinNexus' decentralized peer-to-pool options protocol, with liquidity pools as the counterparty for

writing and settling option contracts.

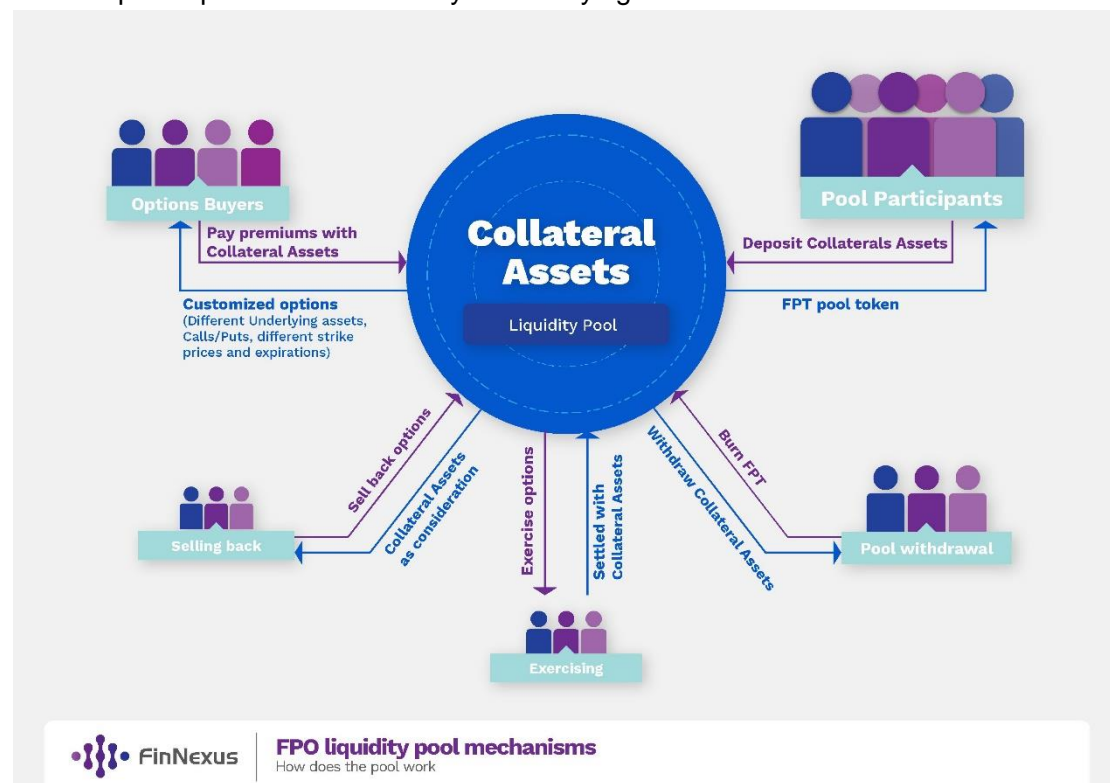
'Multi-Asset' features in the liquidity pools enable the creation and trading of options from any type of underlying asset, including crypto assets, commodities, fiats, stocks, indexes, and more. The potential for underliers is unlimited.

'Multi-Asset' also means that there can be multiple types of crypto assets in the liquidity pool. For instance, FPO v1.0 now has a USDC pool on Ethereum. In later updates, this may be expanded to include any stable coins - like USDT, DAI, etc. - on Ethereum.

Notice how 'Single-Pool' does not mean that there is only one pool in FPO v1.0, rather that one liquidity pool may power many different options contracts. Liquidity can be shared automatically, different from the traditional order books. There are currently two pools (USDC and FNX) live on Ethereum and one hybrid pool (FNX/WAN) live on Wanchain.

Notice also that the MASP (Multi-Asset Single Pool) pools in the FPO are very different from liquidity pools on other DeFi platforms like Uniswap or Balancer. These two, in particular, behave as automated market makers for cryptocurrency swaps. MASP Liquidity powered by collateral tokens is a liquidity solution for both the creation and settlement of options contracts, as well as for the transaction between those options.

The unique MASP system allows the users to gain exposure to a variety of bespoke cash-settled options positions on a variety of underlying assets.





## How does the MASP work?

### Pools as Collateral

One typical requirement of options contracts is that the seller has the obligation to perform if exercise of the option is triggered by the holder. Thus, when writing options, there must be enough collateral (margin) locked up within the smart contract to ensure that it will be settled accordingly. The MASP liquidity pools operate as collective collateral.

### Pools as Trading Counterparty

Some DeFi options projects have experimented with different liquidity solutions for options. They applied the traditional finance method of providing order books and the DeFi-inspired method of using Uniswap AMM pools.

However, both mechanisms face issues. In the former case, traditional order books are massively inefficient and it can be expensive to maintain a sufficient liquidity depth while also adhering to decentralization principles. In the latter case, it is likely that the pool participants will suffer from impermanent loss due to the inherent time decay of the value of options.

The FinNexus MASP liquidity solution provides a cost-effective and capital-efficient solution for trading DeFi options in a decentralized manner. The collective pool of locked FNX serves as a counterparty.

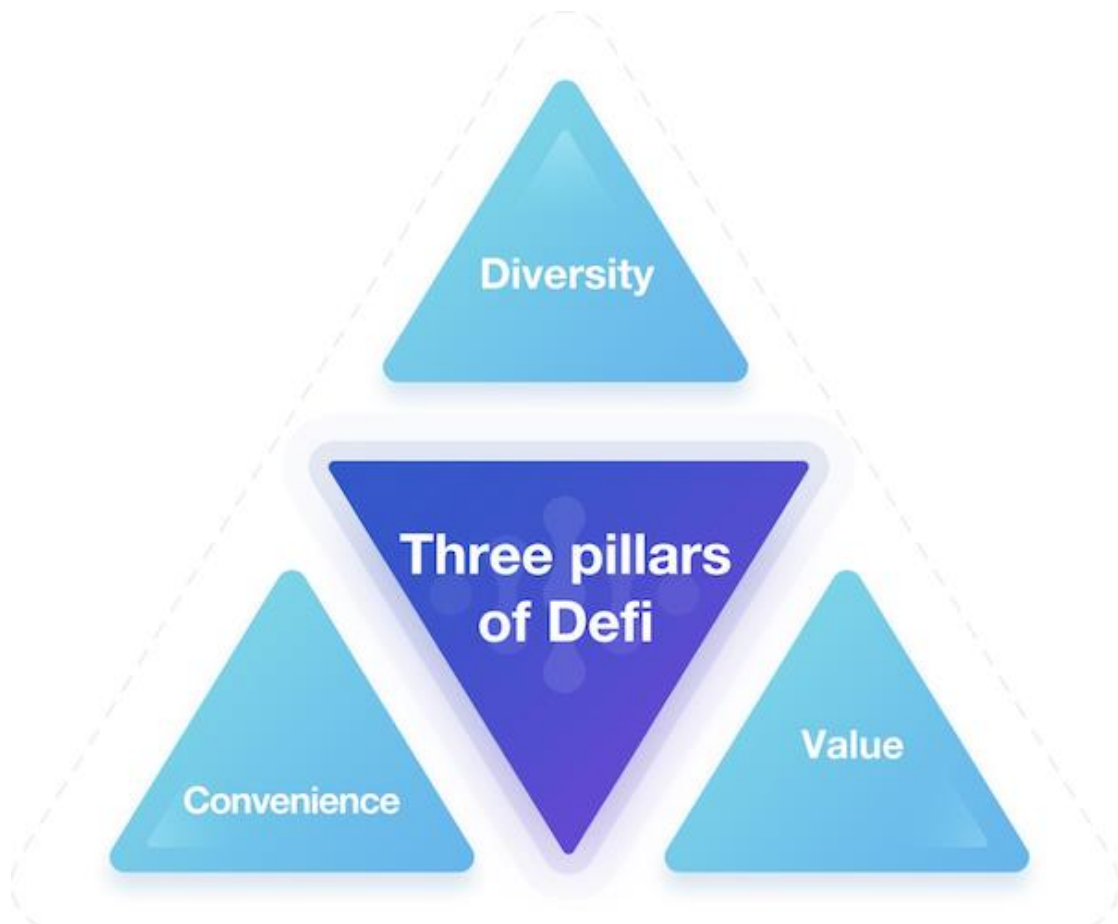
### Liquidity Pools Administered by Smart Contracts

Options exposure sold to options buyers will earn options premiums. These premiums will automatically accrue in the MASP liquidity pool and, as premiums compound over time, they are administered by smart contracts.

Since this pool is the counterparty for all live options, including all puts and calls with various underlying assets at different strike prices and expirations, the risk from any single option contract is diluted by the depth of the pool.

In addition, DeFi's open-source nature ensures that the operations in the pools are censorship-resistant and publicly on-chain. In this regard, they are completely different from the black boxes some pools turn out to be in traditional finance.

The MASP automatic mechanism provides greater efficiency and encourages users to participate in trading as options writers. FinNexus was founded with the goal of simplifying complex financial models so that common DeFi users could benefit. We believe the uniqueness of the Multi-Asset Single-Pool (MASP) liquidity model satisfies the initial DeFi Trilemma that we set out to solve in our initial whitepaper.



*When we created FinNexus, we set out with one simple goal — to deliver diversity, convenience and value to everyday cryptocurrency enthusiasts.*

## FPT token

FPT stands for “FinNexus Pool Token”, as the shares in the FPO liquidity pools are called.

FPO liquidity pools are created when individual liquidity providers contribute liquidity by locking their crypto assets in the pool. The liquidity provider receives a pool token - the FPT - which represents their share of ownership in the pool.

In this sense, the mechanism resembles the Uniswap LP token or Balancer LP token (BPT), but within the options collateral/liquidity pool.

## The Pool Net Value

Contributors that deposit their tokens in pools will receive FPT tokens that track a pro-rata share of their ownership in the options liquidity pools. As such, it is important to understand

how the value of those tokens is calculated.

## What Is Pool Net Value?

The Pool Net Value measures the monetary value of all the options exposures currently in the liquidity pool. It is calculated on the basis of accrual accounting and, as a result, may not be equal to the sum of actual net inflows and outflows at a given time.

Potential gains and losses to the liquidity pool, as the counterparty to the collective value of all options exposure sold from the pool, are reflected in changes to the Pool Net Value. In FPO, Pool Net Value is an important concept in deciding the pool size, which in turn determines the maximum value of options that can be written on the market and, at the same time, measures the value of potential user claims from the pool.

## What Affects Pool Net Value?

Let us take the FNX pool for example. (The other liquidity pools, like the USDC pool, follow the same principles as described below.)

The total Pool Net Value (PNV) in USD is affected by the following factors:

- ① FNX deposits increase the PNV;
- ② FNX withdrawals decrease the PNV;
- ③ Receiving option premiums increases the PNV, with the caveat that the premiums accrue to the PNV over time as the options within the pool move towards maturity. This accrual mechanism is explained in more detail below;
- ④ The change in the intrinsic value of options (otherwise known as the “moneyness” level) increases or decreases the PNV. If an option goes further in the money, the intrinsic value is higher and benefits option holders. Hence, the PNV would decrease. If the option goes further out of the money, the intrinsic value of the options exposure printed by the pool would be lower and thus the PNV would be higher because the pool, acting as counterparty, would have reduced obligations;
- ⑤ Exercising options leads to a cash settlement that decreases PNV;
- ⑥ Selling options to the pool allows options holders to receive consideration from the pool and leads to the termination of the options contract, which in turn decreases PNV; (Currently disabled in v1.0)
- ⑦ The change in USD value of the FNX token increases or decreases PNV.

## Calculating Pool Net Value

With the principles above, we can put the Pool Net Value (PNV) at the time of  $T$  as  $NetValue_T$  into the following formula:

$$\text{NetValue}_T = p_T N_{T-1} + p_T \text{Input}_T - p_T \text{Output}_T + \text{Premium}_T - \Delta \text{IntrinsicValue}_T - \text{Sellback}_T$$

Where,

- $p_T$  is the USD price of FNX at the time of T.
- $N_{T-1}$  is the number of FNX in the pool at the time of T-1.
- $\text{Input}_T$  is the number of FNX tokens that are input into the pool during the time between T-1 and T.
- $\text{Output}_T$  is the number of FNX tokens that are withdrawn out of the pool during the time between T-1 and T.
- $\text{Premium}_T$  is the USD amount of premium that should be distributed into the pool, during the time between T-1 and T. Please check the details of calculation in the 'Options Premium Distribution' section below.
- $\Delta \text{IntrinsicValue}_T$  is the change of the intrinsic value of the existing options and the options that get exercised during the time between T-1 and T.
- $\text{Sellback}_T$  is the USD value of the options that are sold back to the pool by the option holders during the time between T-1 and T.

## Options Premium Distribution

As mentioned above,  $\text{Premium}_T$  is the measurement of premium distribution during the time between T-1 and T.

In particular, we need to highlight the unique method utilized in the FPO to distribute options premiums to liquidity providers over time.

As consideration for the right given to option holders, premiums are paid into the pool all at once, at the time of purchase. However, due to the nature of all options contracts, that they are valid within a certain period of time until expiry, and based upon the accrual method of accounting, the options pool itself should not book the premium income all at once, either at the time of purchase or expiration. The premium, therefore, must be distributed into the pool in line with the level of seller obligations as time moves closer to expiry, or as the ratio of the time value of options decays with time.

Therefore, at time T, the premium of an option distributed into the pool is calculated as

$$\text{Premium}_{i,T} = \text{Premium}_{i,E_i-(T-1)} - \text{Premium}_{i,E_i-T}$$

Where  $E_i$  is the expiration of the option 'i', and  $\text{Premium}_{i,E_i-T}$  refers to the premium of an option, calculated by the Black-Scholes model, with exactly the same terms and parameters as the option 'i', but with a different expiration of  $E_i - T$ .

The difference in the above formula is the time decay of the value of the option 'i' as the time moves from T-1 to T, which should be accrued into the pool. When  $T = E_i$ , it means the time moves to the expiration time, and the premium in the last time slot will be fully distributed, where

$$\text{Premium}_{i,E_i} = \text{Premium}_{i,1} - \text{Premium}_{i,0}$$

$\text{Premium}_{i,0}$  means the option i goes to expiration, and it is the same as the intrinsic value.

What if the options are sold back to the pool or exercised during the time period T-1 to T? Then the options will cease to exist after the time T, and the obligations of the option sellers will be gone. Hence the seller, which in this case is the monolithic liquidity pool itself, will be fully entitled to the premium not distributed before. Afterward, the rest of the unaccrued premiums will be allocated all at once. At time T, the premium of an option 'e', that is sold back or exercised, distributed into the pool is calculated as:

$$Premium_{e,T} = Premium_{i,E_i-(T-1)}$$

Therefore,  $Premium_T$ , the USD value of premium that should be distributed into the pool, during the time between T-1 and T, can be calculated as:

$$Premium_T = \sum_{i=1}^n (N_i \times Premium_{i,T}) + \sum_{e=1}^n (N_e \times Premium_{e,T})$$

where  $N_i, N_e$  is the number of the equivalent options.

## The Net Value of the Pool Share Token (FPT)

After a user puts FNX tokens into the pool, the FNX will be collateralized and the holders will be entitled to the benefits of having a fraction of the liquidity pool. A pool share token will be minted and delivered to the users, to represent the pro-rata share in the monolithic FNX options pool.

The pool share token is called FPT, which stands for FinNexus Pool Share Token. FPT is transferable.

The net value of FPT is calculated using the Pool Net Value (defined above) and dividing by the total number of FPT tokens.

$$Net\ Value\ of\ FPT = \frac{Pool\ Net\ Value}{No.\ of\ FPT}$$

## Liquidity Pool Security - Collateralization Requirements

In traditional finance, the performance of an options contract is ensured by the centralized third-party custody solutions that regularly compel and enforce the maintenance of sufficient collateral deposited from the options seller.

On a DeFi options platform, with the help of decentralized smart contracts, the seller/writer of options can deposit and collateralize a certain amount of margin - the collateral - in the smart contract to automatically ensure the exercise and performance of the option contract.

In the MASP options model of FPO v1.0, the liquidity pool acts as the only collective counterparty for all options. Pool participants each own a fraction of the total liquidity. Therefore, maintaining the security of the liquidity pool as a whole is crucial to making sure that the issued options are always fully backed. In other words, the collateralization ratio of the pool should be high enough to safeguard against massive market movements and other black swan events.

$$\text{Collateral Ratio} = \frac{\text{total collateral value}}{\text{the collateral utilized amount}}$$

The collateral ratio is calculated as the ratio of the total collateral value over the amount of collateral used to back options exposure written. The utilized amount is the total USD value of the strike assets in the live options. For one put option, the utilized amount is the strike price in USD. For one call option, the utilized amount is the current price of the underlying asset in USD.

$$\text{the collateral utilized amount} = \sum (N_p SP) + \sum (N_c P_{\text{underlying}})$$

where  $N_c$  is the number of call options;  $N_p$  is the number of put options;  $SP$  is the strike price;  $P_{\text{underlying}}$  is the current price of the underlying asset.

The Minimum Collateralization Ratio (MCR) is the minimum required value of the Collateralization Ratio (CR). Typically it is used to define the level of collateral needed to issue some type of synthetic asset, such as options contracts from the FinNexus Protocol for Options (FPO).

The FPO may set different minimum collateral ratios of various collateral assets in the pools. The threshold may be raised or lowered in the future in accordance with user response and the robustness of the protocol.

## Options Pricing

Options in FPO v1.0 are priced according to the Black-Scholes Option Pricing Model. The value of a call option is:

$$\begin{aligned} C(S_t, t) &= N(d_1)S_t - N(d_2)PV(K) \\ d_1 &= \frac{1}{\sigma\sqrt{T-t}} \left[ \ln\left(\frac{S_t}{K}\right) + \left(r + \frac{\sigma^2}{2}\right)(T-t) \right] \\ d_2 &= d_1 - \sigma\sqrt{T-t} \\ PV(K) &= Ke^{-r(T-t)} \end{aligned}$$

The price of a put option based on put-call parity is:

$$\begin{aligned} P(S_t, t) &= Ke^{-r(T-t)} - S_t + C(S_t, t) \\ &= N(-d_2)Ke^{-r(T-t)} - N(-d_1)S_t \end{aligned}$$

For both, as above:

$N(\cdot)$  is the cumulative distribution function of the standard normal distribution;

T-t is the time to maturity;  
S is the spot price of the underlying asset;  
K is the strike price;  
r is the risk-free rate;  
 $\sigma$  is the volatility of returns of the underlying asset.

When buying and selling options on FPO v1.0, the options are priced according to the Black-Scholes formula implanted in the smart contracts. Key parameters for pricing options include asset price feeds and Implied Volatility (IV).

In order to make the pricing mechanism more dynamic, an adjustment coefficient is added to the pricing formula to make the pool more balanced with regard to risk. The adjustment coefficient is subject to change according to the puts/calls ratio on the market and the overall utilization of the pool.

## Operations with the Liquidity Pools

### Entering the Liquidity Pool

Any users holding FNX can participate in the liquidity pool, getting option premiums and other returns, by depositing FNX tokens into the pooling smart contract. A simple UI is designed for users to make inputs and interact with the smart contract. FPT tokens will be minted and delivered as pool share certificates.

The number of FPT tokens one may get is determined by the amount of FNX put into the pool in USD, and the net value of FPT at the time of depositing:

$$\text{No. of FPT} = \frac{\text{FNX input in USD}}{\text{Net Value of FPT}}$$

For example, if the Net Value of FPT is 1.5 USD, by depositing \$150 worth of FNX, one may get 100 FPT in return.

### Exiting the Liquidity Pool

Pool participants may exit the monolithic FNX Liquidity Pool at any time, provided the collateral in the pool is not fully utilized and the collateral utilization ratio is over the Minimum Collateralization Ratio (MCR).

In cases when the collateral utilization ratio is below the Minimum Collateralization Ratio (MCR), pool withdrawal will be paused. The liquidity pool will also cease to write new option contracts until the collateral utilization ratio recovers to be above the MCR level.

By simply pressing the withdraw button, pool participants may withdraw the collateralized crypto assets partly or in full from the pool. This operation will burn the related FPT tokens and the equivalent amount of crypto assets in the pool will be delivered at the net value of FPT at the time of withdrawal.

After withdrawal, the pool net value and the collateral utilization ratio will change accordingly.

## The Options Market

### Buying Options

By purchasing a call option token, you are taking advantage of leverage, allowing you to use less money to gain positive exposure to the price of the underlying assets.

By purchasing a put option token, you are buying protection or insurance, to protect yourself against potential price drops of the underlying asset. Essentially, you are betting against an increase in the token price.

The trading venue is created automatically with the pooled liquidity.

When buying options, the pool collectively acts as the seller/writer; when a holder sells options, the pool is the buyer. There is no need to wait for orders to be filled, as is the case with traditional order books. The liquidity for all options is concentrated in the related liquidity pool.

This mechanism solves the liquidity and slippage issues experienced by most decentralized exchanges (DEXes).

### Customizable Options

A clear benefit to options buyers in FPO v1.0 is that they can choose the terms of the options at their own discretion. They can create their own bespoke option by choosing option type, strike price, or expiration date. Option buyers can buy in-the-money (ITM), out-the-money (OTM), or at-the-money (ATM) calls and puts.

One can choose an options strategy that best suits one's own unique individual risk profile, and may further combine it with different options or other derivatives, to create complex investment portfolios.



## Exercise an option

Options in FPO v1.0 are all American types. Once a buyer purchases an option and becomes the holder, he/she may exercise the options, partly or fully, any time before expiration, but only after chill-time has passed since the purchase.

## Should I Exercise?

It is entirely up to the holder of the options whether or not and when to exercise an option. Whether it is financially beneficial for the option holders to exercise comes down to personal choices. The system of oracles and smart contracts that comprise FPO v1.0 will not make this decision on behalf of options holders.

## What Happens When I Exercise My FPO Option?

FinNexus options will be cash-settled, denominated in FNX tokens, which means that only the difference in price will be settled. The difference between the strike price and the market value of the underlying asset will be exchanged into the collateral assets via smart contracts and transferred into the option holder's address.

When exercising, if a call option is in the money, the option token holder will get the following amount from the liquidity pool:

$$\text{amount of options} * \frac{\text{Underlier's market price} - \text{strike price}}{\text{market price of the collateral asset}}$$

If a put option is in the money, the option token holder will get the following amount from the liquidity pool when exercising:

$$\text{amount of options} * \frac{\text{strike price} - \text{Underlier's market price}}{\text{market price of the collateral asset}}$$

When more than one type of crypto assets are collateralized in the pool, a combination of these assets, proportionate to the composition of the liquidity pool, will be settled and delivered to the holder's address.

## Conclusion

Options are a crucial component of the traditional financial system. Given the characteristics of DeFi, the decentralized derivatives market is just getting started but has great potential. Decentralized options will play an important role as building blocks in more complex decentralized strategies to both appreciate and protect users' crypto wealth.

FinNexus aims to create a universal options protocol. By universal, we refer both to universal support for any underlying assets, as well as universal support for a variety of innovative models for options issuance.

The FinNexus Protocol for Options will continue to evolve, by integrating more crypto assets as collateral and more varieties of underlying assets, including assets, securities and indexes normally seen in traditional finance.

Our goal is to greatly enhance liquidity in the decentralized derivatives market and become a leading force in providing DeFi options products in a user-friendly and professional way.