## Costs and Fees

## 1. Introduction

Vertex Finance Ltd "the Company" is registered by the Financial Services Regulatory Authority ("FSRA") under incorporation number 2023-00125. The Company's registered office is at 1st Floor, The Sotheby Building, Rodney Bay, Gros-Islet, Saint Lucia P.O. Box 838, Castries, Saint Lucia.

The Company is committed to act honestly, fairly and professionally and in the best interest of its Clients when providing investment services (the 'Services') to the clients.

Therefore, the purpose of this document is to set out the Company's costs and associated fees charged by the Company for the provision of its Services, along with explanatory details for a better understanding (the 'Policy').

The following costs and fees applied during the provision of the Company's Services are applied to all clients of the Company.

## 2. Types of Costs and Fees

### 2.1 Spreads

The spread is the difference between the Bid price (selling price) and the Ask price (buying price) of the CFD.

It will be automatically charged when a transaction is opened.

Across instruments, spread will vary in value and type i.e., can be fixed or variable.

There are several factors that influence the size of the spread. The most important is instrument liquidity. Popular instruments are traded with lower spreads (BID/ASK difference) while rare ones raise higher spreads.

Another factor is market volatility. On volatile market, spreads (BID/ASK difference) tend to be wider than during quiet market conditions.

[^0]A stock price has also an impact on spreads (BID/ASK difference) which may increase when the price is low, this being related to the idea of low-priced securities being new or small in size, making them less liquid.

## How does it work?

Assuming asset $A$ is quoted $10.00 / 11.00 ; 10.00$ being the price at which you SELL and 11.00 being the price at which you BUY.

When a position is opened, spread will be automatically charged.

- To buy 5 units of asset A at 11.00 (opening price for BUY trades), paid spread will be 5 x $(11.00-10.00)=5$
- To sell 5 units of asset $A$ at 10.00 (opening price for SELL trades), paid spread will be 5 x $(11.00-10.00)=5$


### 2.2 Swap Fees

Swap refers to an interest applied to a trader's account for positions held overnight and it occurs because of the leveraged trading (margin trading).

Effectively, a trader is using a fraction of his funds to open a CFD position (used margin), borrowing the full contract value from the broker. The swap charge is only incurred if the CFD trade is held overnight and depends on the Official Interest Rate of the base currency.

## How does it work?

For each day a position is held opened overnight, calculation is based on the following formula:
Swap or Swap fees shall mean the amount which is debited or credited to client's account when a position is held open overnight after 21:00 GMT during summertime and/or after 22:00 GMT during winter time.

Most banks across the globe are closed on Saturdays and Sundays, so there is no rollover on these days, but the banks still apply interest on these days. To account for that, the Forex market books three days' worth of Swap Fees on Wednesdays, for the rest of CFDs (shares, indices, commodities,

[^1]bonds, ETFs, etc.), three days' worth of rollover interest are booked on Friday.

That is why, triple swap charge for Forex pairs is Wednesday and for rest of CFDs is Friday.

Swap Free accounts shall remain free of charge during the grace period as indicated in the below table, in accordance with the respective class that the financial instrument belongs to. Positions that continue to be held after the end of the grace period, will be subject to fees which will be charged at 22:00 GMT (or 21:00 during BST) after the end of the said period.

| Symbol Group | Grace Period (\# of nights) |
| :--- | :--- |
| Forex Major | 5 Nights |
| Forex Minor | 3 Nights |
| Forex Exotic | 2 Nights |
| Metals | 3 Nights |
| Indices | 2 Nights |
| Energies | 4 Nights |
| Commodities | 4 Nights |
| ETFs | 4 Nights |
| Shares | 4 Nights |
| Cryptos | 3 Nights |
| Blends | 4 Nights |

## How does it work?

## Example A

Cosmos Trading Platform formula: Quantity * Swap (Buy/Sell) * Mid Closing Price * number of days.

Assuming a Client's account currency is EUR and Client wants to open a BUY, position held overnight on asset B, swap Rate for Buy position is $-0.015 \%$, asset quotes at midnight $100 / 101$ USD per share, and EUR/USD rate of 1.21400 , then:
Swap $=$ quantity * Swap (Buy) * Mid Price * no of days
At midnight $=1 \times-0.015 \% \times 100.5$ * $1=-0.015$ USD
Swap converted into Euro $=-0.015 / 1.214($ EUR/USD rate $)=-0.012$ EUR

* Please note that all Future rollover, dividends adjustments are converted to the account currency,
$0.5 \%$ conversion fee apply to all transactions.
* Mid-Price $=$ Average between BUY and SELL price $=($ Buy price + Sell price $) / 2$


## Example B

MT5 Trading Platform formula: Lot * Contract Size * Point Size * Swap (Long/Short) * number of days.

Assuming a Client's account currency is EUR and Client wants to open a BUY, position held overnight on asset B, swap Rate for Buy position is $-0.015 \%$, asset quotes at midnight 100/101 USD per share, and EUR/USD rate of 1.21400, then:

Swap $=$ Lot * Contract Size * Point Size * Swap Long * number of nights
Swap $=0.01$ * 100 * 0.01 * (-1.197) * $1=-0.012$ USD
Swap converted into Euro $=-0.012 / 1.214($ EUR/USD rate $)=-0.010$ EUR
*FX Pairs are subject to Triple Swap Fees on Wednesday, while for all other CFD's are subject to Triple Swap Fees on Friday.

### 2.3 Conversion Fee

The Company will apply a conversion fee when an account currency differs from the currency of the traded instrument. The conversion fee will be applied by the Company to use conversion rate and will affect any conversions made on Used Margin, Profit/Loss, Swap Fees, Dividend Adjustments, and Future Rollover.

## How does it work?

Conversion fee is a fix fee set by the Company to $0.5 \%$.

Assuming a client's account currency is EURO and Client wants to open a BUY position on asset B (a CFD on an US share) which is denominated in USD, with a volume of 10 contracts, Asset B quotes at opening time: $10.50 / 11.50$ USD, asset leverage is $1: 10$ and EUR/USD trades at 1.15000 , then:

Used Margin $=$ Volume $\times$ Mid Price* $\times$ Leverage $=10 \times 11$ USD x $10 \%=11$ USD Used Margin Converted into Euro = 11 USD / 1.15 (EUR/USD rate) $=9.57$ EUR Conversion Fee on Used Margin $=9.57 \times 0.5 \%=-0.048$ EUR

Assuming quotes of asset $B$ change to 12.50/13.50 USD per share, then:

Profit/Loss $=$ Volume $\times($ Market price - Opening Price $)=10 \times(12.50-11.50)=10$ USD Profit/Loss Converted into Euro = 10 USD / 1.15 (EUR/USD rate) $=8.69$ EUR Conversion Fee on Profit/Loss = $8.69 \times 0.5 \%=-0.043$ EUR

Assuming company pays dividend of 0.25 USD/share, then:

Dividend adjustment $=$ Volume $\times$ Dividend $=10 \times 0.25$ USD $=2.5$ USD
Dividend Adjustment Converted into Euro = $2.5 / 1.15($ EUR/USD rate $)=2.17$ EUR Conversion fee on Dividend Adjustment $=2.17 \times 0.5 \%=-0.01$ EUR

Assuming position is held overnight, Swap Fees for Buy positions being -
$0.015 \%$, asset quotes remaining at midnight 12.50/13.50 USD per share, then:

Swap Fees= Volume x Interest Rate (Buy) x Mid Price ** at midnight $=10 \times-0.015 \%$
$x(12.50+13.50) / 2=-0.019$ USD
Swap Fees converted into Euro $=-0.019 / 1.15($ EUR/USD rate $)=-0.016$ EUR Conversion Fee on Swap $=-0.016 \times 0.5 \%==-0.00008$ EUR

* Mid-Price $=$ Average between BUY and SELL price $=($ Buy price + Sell price $) / 2$


### 2.4 Inactivity Fee

If the Client Account is inactive for three months (90 days) or more i.e., Client fails to provide an Order, the Company will charge each inactive Client account a fee relating to the maintenance, administration, and compliance management of these accounts. The inactive accounts will be subject to a monthly charge of Thirty (30) USD or its equivalent in the currency of the trading account.

## How does it work?

- Where a trader has more than one (1) Trading Account and all such Trading Accounts are Inactive Accounts, Inactivity Fee shall be charged separately for each Inactive Account.
- Where a trader has more than one (1) Trading Account, and at least one (1) of the Trading Accounts is active, Inactivity Fee shall apply for each Inactive Accounts.

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- Where the balance of any Inactive Account to which Inactivity Fee is applicable, is less than Thirty (30) USD, then the Inactivity Fee for such Inactive Account shall be
equal to the amount of the remaining balance on such Inactive Account. We reserve the right to charge the Inactivity Fee retroactively for any month in which we had the right to charge it but did not do so for technical reasons.
- Money left after deducting inactivity fees in the dormant account shall remain owing to the Client and the Company shall make and retain records and return such funds upon request by the Client at any time thereafter.
- If the trader's account is inactive for one year or more, the Company reserves the right (after calling or emailing the Client using the last known contact details) to close the Client Account. Any money to the credit of the Client Account will be remitted by the Company to the client's bank account from where they originated, unless instructed otherwise in writing by the Client.


### 2.5 Used Margin Calculation

Note: The used margin that the Company applies is calculated as follows:

Cosmos Trading Platform Formula: (Quantity * Mid Price * Margin Rate) + (Quantity * Spread)

Example: Assuming a Client's account currency is EUR, and the client wants to open a BUY position on asset $B$ which is denominated in USD, the quantity of 1 , quotes at the opening time: 100/101, leverage of $1: 10$ and EUR/USD rate of 1.21400, then:

Used Margin $=($ Quantity * Mid Price * Margin Rate) $+($ Quantity * Spread $)=(1$ * 100.5 * $0.1)+\left(1{ }^{*} 1\right)=11.05$ USD

Used Margin Converted into Euro = 11.05 USD / 1.214 (EUR/USD rate) $=9.10$ EUR
*Please note that all dividend adjustments, Future rollover, dividends are converted to the account currency, a $0.5 \%$ conversion fee apply to all transactions.

MT5 Trading Platform formula: Lot * Contract Size * Opening Price * Margin Rate.

Example MT5: Assuming a Client's account currency is EUR, and the client wants to open a BUY position on asset $B$ which is denominated in USD, quotes at the opening time:

[^3]$100 / 101$, leverage of $1: 10$ and EUR/USD rate of 1.21400 , then:

Used Margin $=$ Lot * Contract Size * Opening Price * Margin Rate $=0.01$ * 100 * 101 * 0.1 = 10.1 USD

Used Margin Converted into Euro = 10.1 USD / 1.214 (EUR/USD rate) = 8.32 EUR

### 2.6 Bank charges on withdrawals

The Client agrees that any bank charges that might occur in case of a withdrawal request equal or less than 100 USD/EUR/GBP (or any other currency equivalent), derived from the Client's trading account to the client's designated bank account, will be borne by the Client.

## 3. Adjustments

### 3.1 Future Rollover

A week before the expiration of the Future contract on Bonds, Indices and Commodities a transaction adjustment will be performed on the expiring Future contract, in order to reflect the price of the new one. The Company applies this adjustment as follows:

Cosmos Trading Platform Formula: (Quantity * Contracts Difference) + (Quantity * Spread)

## Example:

Scenario 1: New contract trades at a higher price than the expiring contract.
Assuming a Client's account currency is USD, and the client is holding a position in a future contract is denominated in USD that will expire the current contract trading trades at $100 \$$ and new contract trades at 105\$.

If you have a BUY position of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial profit of $5 \$(105-100)$ per each contract opened, as asset price increases from $100 \$$ to $105 \$$, in the favour of long trades.

Therefore, a negative adjustment will be processed in your account:

Rollover adjustment $=(1$ contract $x$ contracts difference (105\$-100\$) +1 contract $x$ Spread) ${ }^{*}(-1)=(5 \$+0.03 \$) *(-1)=-5.03 \$$

If you have a SELL position of 1 on the asset subjected to rollover, you will register, at rollover time, an artificial loss of $5 \$$ per each contract opened, as asset price increases from $100 \$$ to $105 \$$ in disadvantage to short trades.

Therefore, a positive rollover adjustment will be processed in your account:

Rollover adjustment $=1$ contract $x$ contract difference (105\$-100\$) + 1 contracts $x$ Spread $\times(-1)=5 \$-0.03 \$=4.97 \$$

Scenario 2: New contract trades at a lower price than the expiring contract.

Let us assume that expiring contract, trades at $105 \$$ and new contract trades at $100 \$$.

If you have a SELL position of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial profit of $5 \$(100 \$-105 \$)$ per each contract opened, as asset price drops from $105 \$$ to $100 \$$, in favour of short trades.

Therefore, a negative rollover adjustment will be processed in your account:

Rollover adjustment $=1$ contract $\times$ contracts difference (100-105) - 1 contract $\times$ Spread $=$ $-5 \$-0.03 \$=-5.03 \$$

If you have a BUY positions of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial loss of $5 \$$ per each contract opened, as asset price drops from $105 \$$ to $100 \$$ in disadvantage to long trades.

Therefore, a positive rollover adjustment will be processed in your account:

Rollover adjustment $=(1$ contract $x$ contracts difference (100-105) +1 contract $x$ Spread) $*(-1)=(5 \$+0.03 \$) *(-1)=4.97 \$$
*Please note that all adjustments, swap, rollover adjustments, dividends are converted to the account currency, $0.5 \%$ conversion fee apply to all transactions.

MT5 Trading Platform Formula: Price difference * Contract size * net volume.
Example:

Scenario 1: New contract trades at a higher price than the expiring contract.

Assuming a Client's account currency is USD, and the client is holding a position in a future contract is denominated in USD that will expire the current contract trading trades at $100 \$$ and new contract trades at 105\$.

If you have a BUY position of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial profit of $5 \$(105-100)$ per each contract opened, as asset price increases from $100 \$$ to $105 \$$, in the favour of long trades.

Let us assume that expiring contract, trades at $100 \$$ and new contract trades at 105\$. If you have a BUY position of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial profit of $5 \$(105-100)$ per each contract opened, as asset price increases from $100 \$$ to $105 \$$, in favour of long trades.

Therefore, a negative rollover adjustment will be processed in your account:

Rollover adjustment $=(1$ contract $x$ contracts difference (105\$-100\$) *(-1) $=(1$ * $5 \$) *(-1)$ $=-5 \$$

If you have a SELL position of 1 on the asset subjected to rollover, you will register, at rollover time, an artificial loss of $5 \$$ per each contract opened, as asset price increases from $100 \$$ to $105 \$$ in disadvantage to short trades.

Therefore, a positive rollover adjustment will be processed in your account:

Rollover adjustment $=1$ contract $x$ contract difference (105\$-100\$) * $(-1)=5 \$=5 \$$

Scenario 2: New contract trades at a lower price than the expiring contract.

Let us assume that expiring contract, trades at 105\$ and new contract trades at $100 \$$.

If you have a SELL position of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial profit of $5 \$(100 \$-105 \$)$ per each contract opened, as asset price drops from $105 \$$ to $100 \$$, in favour of short trades.

Therefore, a negative rollover adjustment will be processed in your account:

Rollover adjustment $=1$ contract $x$ contracts difference (100-105) $=5 \$$

If you have a BUY position of 1 contract on the asset subjected to rollover, you will register, at rollover time, an artificial loss of $5 \$$ per each contract opened, as asset price drops from $105 \$$ to $100 \$$ in disadvantage to long trades.

Therefore, a positive rollover adjustment will be processed in your account:
Rollover adjustment $=(1$ contract $x$ contracts difference $(100-105)=(5 \$)$

### 3.2 Dividend Adjustments

Cosmos Trading Platform Formula: Quantity * Dividend Amount

Example: Assuming company pays dividend of 0.25 USD/share, then:
Dividend adjustment (Buy) $=$ Volume $\times$ Dividend $=1 \times 0.25$ USD $=0.25$ USD
Dividend Adjustment Converted into Euro $=0.25 / 1.214$ (EUR/USD rate) $=0.21$ EUR
*Please note that all adjustments, financing swap, rollover adjustments, dividends are converted to the account currency, $0.5 \%$ conversion fee apply to all transactions.

## MT5 Trading Platform Formula: Volume * Contract Size * Dividend

Example: Assuming company pays dividend of 0.25 USD/share, then:
Dividend adjustment (Buy) $=$ Volume*Contract Size*Dividend $=0.01 * 100 * 0.25$ USD $=0.25$ USD

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Dividend Adjustment Converted into Euro $=0.25 / 1.214($ EUR/USD rate $)=0.21$ EUR


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