

## COSTS AND CHARGES DOCUMENT

### A. SCOPE OF THIS DOCUMENT

The present contains description of the costs that might incur while trading in the different asset classes of CFDs offered by VIBHS Financial Limited (the “Company” or “iFOREX UK”); formulae that can be used in order to calculate certain associated costs; as well as relevant worked examples based on different performance scenarios, which illustrate, among others, a breakdown of the applicable costs and the effect of such costs on both (i) the investment, and (ii) the P/L generated. It shall always be noted that the total costs might increase or decrease proportionate to the actual trading sizes and volumes.

### B. COST ASSOCIATED TO CFDs TRADING

#### 1) CURRENCY CFDs

##### a) Applicable costs and charges

##### *Spread*

A spread is the difference between the Sell (“Bid”) price and the Buy (“Ask”) price of an asset and is considered as the cost for opening a trade. The minimum spread per instrument is detailed on iFOREX’s website but each client may have different spread according to the client’s history, volume, activities or certain promotions.

##### *Overnight Financing*

iFOREX applies Overnight Financing for deals that remain open at the end of their underlying asset’s daily trading session. This Overnight Financing may be subject to credit or debit, calculated on the basis of the quoted currency/ies’ interest rates for the currencies in which the underlying instrument is traded, plus an interest fee (mark-up). **The mark-up for currency pairs is 0.75%, excluding exotic currency pairs, which may necessitate higher mark-up levels that may differ between Long (Buy) and Short (Sell) positions.**

If the calculated Overnight Financing percentage is positive, it means that an applicable amount will be added (credited) to the client’s account. A negative Overnight Financing percentage means that an applicable amount will be subtracted (debited) from the client’s account. If the CFD’s quoted currency differs from the account’s currency, it will be converted to the account’s currency at the then prevailing exchange rates.

##### *Formulae*

1. Formula for Currencies Overnight Financing =  
 For Buy (Long Positions):  $\sum (- ((3M \text{ mid interest rate of quote currency} - 3M \text{ mid interest rate of base currency} + \text{interest fee}) / 360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing})$   
 For Sell (Short Positions):  $\sum ((3M \text{ mid interest rate of quote currency} - 3M \text{ mid interest rate of base currency} + \text{interest fee}) / 360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$ .  
 As Overnight Financing calculation is based on daily variables such as the Closing Rate and the 3M mid Interest Rate, every run can get different values. As a result, to calculate all the Overnight Financing for a specific position, it is required to sum (i.e. the Sigma) all the Overnight Financing daily occurrences of the position.
2. Formula for **3M mid interest rate = (3M Bid + 3M Ask) / 2**

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3M Bid = 3 months interbank bid rate (deposit rate)  
3M Ask = 3 months interbank ask rate (lending rate)

3. **Interest fee** = mark-up of the interest rate. For currencies it's 0,75%  
excluding exotic currency pairs, which may necessitate higher mark-up levels that may differ between Long (Buy) and Short (Sell) positions.

4. **Deal Amount** = expressed in the base asset units

5. **Average Rate During Overnight Financing** = the last known rate if you were to close your deal when the Overnight Financing occurred

If the calculated Overnight Financing is positive, it means that an applicable amount will be added (credited) to the client's account. It will reduce the total cost of the deal. A negative Overnight Financing means that an applicable amount will be subtracted (debited) from the client's account, thus increasing the total cost of the deal. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the prevailing exchange rates.

CFD which is traded 5 days a week will be credited or debited with a value 3 times the displayed Overnight Financing value during the last day of its underlying asset trading week.

b) Currency CFD - Trading Example in EUR/GBP

For the purpose of the examples below we will assume a deal size of 10,000 on EUR/GBP and a 3 pips spread. One pip on EUR/GBP equals to 0.0001 GBP.  $(0.0001) \times (-3) \times 10,000 = -3$  GBP.

It shall be noted that the spread is the immediate loss upon opening the deal as it reflects the scenario of closing the deal at that moment. Therefore, in our example, immediately after opening the deal, the P/L of that deal will be -3 GBP.

**1<sup>st</sup> scenario**

Assuming that you opened a buy position of 10,000 on EUR/GBP on 12/10/2017 07:26 GMT and closed the position on 12/10/2017 11:04 GMT.

The position was opened and closed within the same day.

During this period no Overnight Financing was executed.

Account Currency	EUR
Conversion Rate (EUR/GBP)	0.90131

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Conversion Spread	0.00015
Instrument	EUR/GBP
1 PIP Value	0.0001
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	0
Opening Quote - Sell (BID)	0.8958
Opening Quote - Buy (ASK)	0.8961
Spread (pips)	3
Deal Amount	10000
Average Rate During Overnight Financing	N/A
3M mid interest rate	N/A
Currency Pairs Interest Fee	0.75%
Overnight Financing	N/A
Overnight Financing Amount	N/A
Rate spread	= 0.0001 x 3 x 10,000
	£3.00
Converted rate spread	= 3/0.90116
	-€ 3.33
Overnight funding	N/A
Rollover	N/A
PL before cost	£46.70
PL after cost	£49.70
PL conversion	= (49.7/ 0.90146) - (49.7 / 0.90146)
	-€ 0.0092
Total cost	= - 3.33 - 0.00092
	-€ 3.3382
Investment size (deal size)	€ 9,942.20
Return of investment before cost (%)	0.521%
Total cost (%)	0.034%
Return of investment after cost (%)	0.487%

**2<sup>nd</sup> scenario**

Assuming that you opened a buy position of 10,000 on EUR/GBP on 03/10/2017 and closed the position on 06/10/2017.

The position was kept open for 4 days (3 nights).

Account Currency	EUR
Conversion Rate (EUR/GBP)	0.8979
Conversion Spread	0.00015
Instrument	EUR/GBP
1 PIP Value	0.0001
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	3
Opening Quote - Sell (BID)	0.8869
Opening Quote - Buy (ASK)	0.8872
Spread (pips)	3
Deal Amount	10000
<b>Average Rate During Overnight Financing</b>	0.8932
EUR 3M Bid	-0.44%
EUR 3M Ask	-0.22%
GBP 3M Bid	0.40%
GBP 3M Ask	0.60%
EUR 3M mid interest rate	$(-0.44\% - 0.22\%)/2$ -0.33%
GBP 3M mid interest rate	$(0.40\% + 0.60\%)/2$ 0.50%
Currency Pairs Interest Fee	0.75%
Overnight Financing	$\sum (- ((3M \text{ mid interest rate of quote currency} - 3M \text{ mid interest rate of base currency} + \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing})$  $\sum (- ((0.50\% - (-0.33\%) + 0.75\%)/360) \times 10,000 \times 0.8932)$

Overnight Financing Amount	-£0.39
Rate spread	= $0.0001 \times 3 \times 10,000$
	£3.00
Converted rate spread	= $3 / 0.89775$
	<b>-€ 3.3417</b>
Overnight funding	= $3 \times 0.39$
	-£1.18
Converted overnight funding	= $-1.18 / 0.89775$
	<b>-€ 1.3100</b>
Rollover	N/A
PL before cost	£102.10
PL after cost	£105.10
PL conversion	= $(105.1 / 0.89805) - (105.1 / 0.8979)$
	<b>-€ 0.0196</b>
Total cost	= $-3.3417 - 1.3100 - 0.0196$
	<b>-€ 4.6712</b>
Investment size (deal size)	€ 9,881.17
Return of investment before cost (%)	1.151%
Total cost (%)	0.047%
Return of investment after cost (%)	1.103%

### 3<sup>rd</sup> scenario

Assuming that you opened a sell position of 10,000 on EUR/GBP on 08/06/2017 and closed the position on 13/09/2017.

The position was kept open for 98 days (97 nights).

Account Currency	EUR
Conversion Rate (EUR/GBP)	0.90176
Conversion Spread	0.00015
Instrument	EUR/GBP
1 PIP Value	0.0001

Deal Direction	Sell (i.e. Short)
Time Period (number of days the deal was kept open overnight)	97
Opening Quote - Sell (BID)	0.8659
Opening Quote - Buy (ASK)	0.8662
Spread (pips)	3
Deal Amount	10000
Average Rate During Overnight Financing	0.8786
EUR 3M Bid	-0.44%
EUR 3M Ask	-0.22%
GBP 3M Bid	0.27%
GBP 3M Ask	0.47%
EUR 3M mid interest rate	$(-0.44\% - 0.22\%)/2$
	-0.33%
GBP 3M mid interest rate	$(0.27\% + 0.47\%)/2$
	0.37%
Currency Pairs Interest Fee	0.75%
Overnight Financing	$\sum ((3M \text{ mid interest rate of quote currency} - 3M \text{ mid interest rate of base currency} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	$\sum ((0.37\% - (-0.33\%) - 0.75\%)/360) \times 10,000 \times 0.8786$
Overnight Financing Amount	-£0.01
Rate spread	$= 0.0001 \times 3 \times 10,000$
	£3.00
Converted rate spread	$= 3 / 0.90161$
	-€ 3.3274
Overnight funding	$= 97 \times 0.01$
	-£1.18
Converted overnight funding	$= 1.18 / 0.90161$
	-€ 1.3128
Rollover	N/A

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PL before cost	£356.02
PL after cost	£360.20
PL conversion	= (360.2/ 0.90191) - (360.2 / 0.90191) <b>-€ 0.0664</b>
Total cost	= - 3.3274 - 1.3128 - 0.0664 <b>-€ 2.0810</b>
Investment size (deal size)	€ 9,605.66
Return of investment before cost (%)	4.123%
Total cost (%)	0.022%
Return of investment after cost (%)	4.101%

#### 4<sup>th</sup> scenario

Assuming that you opened a sell position of 10,000 on EUR/TRY on 03/10/2017 and closed the position on 06/10/2017.

The position was kept open for 4 days (3 nights).

**\*\* This example involves a situation whereby the Interbank Rate difference is HIGHER than the markup for currency pairs and Short markup (14%) is higher than Long markup (0.75%):**

Account Currency	EUR
Conversion Rate (EUR/TRY)	4.19
Conversion Spread	0.0005
Instrument	EUR/TRY
1 PIP Value	0.0001
Deal Direction	Sell (i.e. Short)
Time Period (number of days the deal was kept open overnight)	3
Opening Quote - Sell (BID)	4.1845
Opening Quote - Buy (ASK)	4.1855
Spread (pips)	10
Deal Amount	10000
Average Rate During Overnight Financing	<b>4.2115</b>
EUR 3M Bid	-0.44%

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EUR 3M Ask	-0.22%
TRY 3M Bid	21.25%
TRY 3M Ask	24.25%
EUR 3M mid interest rate	$(-0.44\% - 0.22\%)/2$
	-0.33%
TRY 3M mid interest rate	$(21.25\% + 24.25\%)/2$
	22.75%
<b>Interbank Rates difference</b>	<b>**23.08% (&gt;0.75%)</b>
Currency Pairs Interest Fee	14%
Overnight Financing	$\sum ((3M \text{ mid interest rate of quote currency} - 3M \text{ mid interest rate of base currency} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	$\sum ((22.75\% - (-0.33\%) - 14\%)/360) \times 10,000 \times 4.2115$
Overnight Financing Amount	+10 TRY
Rate spread	$= 0.0001 \times 10 \times 10,000$
	10.00 TRY
Converted rate spread	$= 10 / 4.1845$
	<b>-€ 2.39</b>
Overnight funding	$= 3 \times 10 \text{ TRY}$
	30 TRY
Converted overnight funding	$= 30 / 4.1855$
	<b>€ 7.16</b>
Rollover	N/A
PL before cost	340.20 TRY
PL after cost	360.20 TRY
PL conversion	$= (360.2 / 4.1905) - (360.2 / 4.19)$
	<b>-€ 0.0103</b>
Total cost	$= -2.39 + 7.16 - 0.0103$
	<b>€ 4.76</b>
Investment size (deal size)	€ 9,989.26

Return of investment before cost (%)	0.813%
Total cost (%)	0.048% (positive)
Return of investment after cost (%)	0.860%

All P/L and Overnight Financing amounts that are quoted in a currency which differs from the account's currency, are converted to the account currency according to the market rates and the market spread.

If your account is in a currency other than the quote currency, the P/L and Overnight Financing will be converted to the account currency. Positive amounts (credit) are converted according to the Buy (Ask) rate and Negative amounts (debit) are converted according to the Sell (Bid). As the spread is a cost, it is considered as a negative amount and therefore will be converted according to the Sell rate. In our example, EUR/GBP is quoted in GBP, so assuming that your account is in EUR, any negative amount will be converted as per the EUR/GBP Sell (Bid) rate, while any positive amount will be converted as per the EUR/GBP Buy (Ask) rate.

## 2) SHARE CFDs

### a) Applicable cost and charges

#### *Spread*

A spread is the difference between the Sell ("Bid") price and the Buy ("Ask") price of an asset and is considered as the cost for opening a trade. The minimum spread per instrument is detailed on iFOREX's website but each client may have different spread according to the client's history, volume, activities or certain promotions.

#### *Overnight Financing*

iFOREX applies Overnight Financing for deals that remain open at the end of their underlying asset daily trading session. This Overnight Financing may be subject to credit or debit, calculated on the basis of the quoted currency/ies interest rates, plus a mark-up. The mark-up for share CFDs is 5%.

If the calculated Overnight Financing percentage is positive, it means that an applicable amount will be added (credited) to the client's account. A negative Overnight Financing percentage means that an applicable amount will be subtracted (debited) from the client's account. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the then prevailing exchange rates.

#### *Formulae*

- Formula for Shares Overnight Financing =  
 For Buy (Long Positions):  $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$   
 For Sell (Short Positions):  $\sum ((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$

2. As Overnight Financing calculation is based on daily variables such as the Closing Rate and the 3M mid Interest Rate, every run can get different values. As a result, to calculate all the Overnight Financing for a specific position, it is required to sum (i.e. the Sigma) all the Overnight Financing daily occurrences of the position.
3. Formula for **3M mid interest rate = (3M Bid + 3M Ask) / 2**  
 3M Bid = 3 months interbank bid rate (deposit rate)  
 3M Ask = 3 months interbank ask rate (lending rate)
4. **Interest fee** = mark-up of the interest rate. For shares it's 5%
5. **Deal Amount** = expressed in the base asset units
6. **Average Rate During Overnight Financing** = the last known rate if you were to close your deal when the Overnight Financing occurred

If the calculated Overnight Financing is positive, it means that an applicable amount will be added (credited) to the client's account. It will reduce the total cost of the deal. A negative Overnight Financing means that an applicable amount will be subtracted (debited) from the client's account, thus increasing the total cost of the deal. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the prevailing exchange rates.

CFD which is traded 5 days a week will be credited or debited with a value 3 times the displayed Overnight Financing value during the last day of its underlying asset trading week.

b) Shares CFDs trading example on Apple share

For the purpose of the examples below we will assume a deal size of 50 shares on Apple CFD and a 6 pips spread. One pip on Apple CFD's equals to 0.01 U.S. dollar (\$0.01).  $0.01 \times (-6) \times 50 = -\$3$

The spread is the immediate loss upon opening the deal as it reflects the scenario of closing the deal at that moment. Therefore, in our example, immediately after opening the deal, your P/L of that deal will be -\$6.

**1<sup>st</sup> scenario**

Assuming that you opened a buy position on a CFD of 50 shares on Apple on 06/11/2017 15:26 GMT and closed the position on 06/11/2017 17:00 GMT.

The position was opened and closed within the same day.

During this period no Overnight Financing was executed.

Account Currency	PLN
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Conversion Rate (EUR/PLN)	3.65575
Conversion Spread	0.00095
Instrument	Apple
1 PIP Value	0.01
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	0
Opening Quote - Sell (BID)	173.510
Opening Quote - Buy (ASK)	173.570
Spread (pips)	6
Deal Amount	50
Average Rate During Overnight Financing	N/A
3M mid interest rate	N/A
Shares Interest Fee	5.00%
Overnight Financing	N/A
Overnight Financing Amount	N/A
Rate spread	= 0.01 x 50 x 6
	\$3.00
Converted rate spread	= 3 x 3.65665
	-PLN 10.9701
Overnight funding	N/A
Rollover	N/A
PL before cost	\$53.50
PL after cost	\$50.50
PL conversion	= (50.5 x 3.6548) - (50.5 x 3.65575)
	-PLN 0.0480
Total cost	= - 10.9701 - 0.048
	-PLN 11.0181
Investment size (deal size)	PLN 31,726.4264
Return of investment before cost (%)	0.616%
Total cost (%)	0.035%

Return of investment after cost (%)	0.582%
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**2<sup>nd</sup> scenario**

Assuming that you opened a buy position on a CFD of 50 shares of Apple on 12/09/2017 and closed the position on 15/09/2017.

The position was kept open for 4 days (3 nights).

Account Currency	EUR
Conversion Rate (EUR/USD)	1.1928
Conversion Spread	0.0001
Instrument	Apple
1 PIP Value	0.01
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	3
Opening Quote - Sell (BID)	161.160
Opening Quote - Buy (ASK)	161.220
Spread (pips)	6
Deal Amount	50
Average Rate During Overnight Financing	158.110
US Dollar 3M Bid	1.27%
US Dollar 3M Ask	1.47%
3M mid interest rate	$(1.27\% + 1.47\%)/2$ 1.370%
Shares Interest Fee	5.00%
Overnight Financing	$= \sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$ $\sum (- ((1.37\% + 5\%)/360) \times 50 \times 158.110)$
Overnight Financing Amount	-\$1.40
Rate spread	$= 0.01 \times 50 \times 6$ \$3.00
Converted rate spread	$= -3/1927$

	-€ 2.5153
Overnight funding	= 3 x 1.40 -\$4.20
Converted overnight funding	= 4.20 / 1.1927 -\$3.52
Rollover	N/A
PL before cost	\$165.20
PL after cost	\$158.00
PL conversion	= (158 / 1.1929) - (158 / 1.1928) -€ 0.0111
Total cost	= - 2.5153 - 3.5185 - 0.0111 € 6.0449
Investment size (deal size)	€ 6,758.05
Return of investment before cost (%)	2.049%
Total cost (%)	0.089%
Return of investment after cost (%)	1.960%

### 3<sup>rd</sup> scenario

For the 3<sup>rd</sup> scenario we will assume that you opened a sell position on a CFD of 100 shares of Apple on 31/07/2017 and closed the position on 06/11/2017.

The position was kept open for 99 days (98 nights).

Account Currency	EUR
Conversion Rate	1.15845
Conversion Spread (EUR/USD)	0.0001
Instrument	Apple
1 PIP Value	0.01
Deal Direction	Sell (i.e. Short)
Time Period (number of days the deal was kept open overnight)	98
Opening Quote - Sell (BID)	148.320

Opening Quote - Buy (ASK)	148.380
Spread (pips)	6
Deal Amount	100
<b>Average Rate During Overnight Financing</b>	172.460
US Dollar 3M Bid	1.34%
US Dollar 3M Ask	1.54%
3M mid interest rate	$(1.34\% + 1.54\%)/2$
	1.440%
Shares Interest Fee	5.00%
Overnight Financing	$((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	$\sum ((1.44\% - 5\%)/360) \times 100 \times 172.46$
Overnight Financing Amount	-\$1.71
Rate spread	$= 0.01 \times 100 \times 6$
	\$6.00
Converted rate spread	$= -6/1.15835$
	<b>-€ 5.1798</b>
Overnight funding	$= 98 \times 1.71$
	-\$167.13
Converted overnight funding	$= 167.13/1.15835$
	<b>-€ 144.2853</b>
Rollover	N/A
PL before cost	-\$2,441.87
PL after cost	-\$2,615.00
PL conversion	$= (2615 / 1.15835) - (2615 / 1.15845)$
	<b>-€ 0.1949</b>
Total cost	$= - 5.1798 - 144.2853 - 0.1949$
	€ 149.6600
Investment size (deal size)	€ 12,803.31

Return of investment before cost (%)	-16.462%
Total cost (%)	1.169%
Return of investment after cost (%)	-17.631%

All P/L and Overnight Financing amounts that are quoted in a currency which differs from the account's currency, are converted to the account currency according to the market rates and the market spread.

If your account is in a currency other than the quote currency, the P/L and Overnight Financing will be converted to the account currency. Positive amounts (credit) are converted according to the Buy (Ask) rate and Negative amounts (debit) are converted according to the Sell (Bid). As the spread is a cost, it is considered as a negative amount and therefore will be converted according to the Sell rate. In our example, Apple CFD is quoted in USD, so assuming that your account is in EUR, any negative amount will be converted as per the EUR/USD Sell (Bid) rate, while any positive amount will be converted as per the EUR/USD Buy (Ask) rate.

### C. COMMODITY CFDs

#### a) Applicable cost and charges

##### *Spread*

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##### *Overnight Financing*

iFOREX applies Overnight Financing for deals that remain open at the end of their underlying asset daily trading session. This Overnight Financing may be subject to credit or debit, calculated on the basis of the quoted currency/ies interest rates, plus a mark-up. The mark-up for commodity instruments is 2.5%.

If the calculated Overnight Financing percentage is positive, it means that an applicable amount will be added (credited) to the client's account. A negative Overnight Financing percentage means that an applicable amount will be subtracted (debited) from the client's account. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the then prevailing exchange rates.

##### *Formulae*

iFOREX UK is a trading name of VIBHS Financial Limited, authorised and regulated in the UK by the Financial Conduct Authority under Firm Reference Number 613381. Incorporated as a Limited Company in England and Wales under Companies House number 08279988.

1. Formula for Commodities Overnight Financing =  
 For Buy (Long Positions):  $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$   
 For Sell (Short Positions):  $\sum ((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
2. As Overnight Financing calculation is based on daily variables such as the Closing Rate and the 3M mid Interest Rate, every run can get different values. As a result, to calculate all the Overnight Financing for a specific position, it is required to sum (i.e. the Sigma) all the Overnight Financing daily occurrences of the position.
3. Formula for **3M mid interest rate** = **(3M Bid + 3M Ask) / 2**  
 3M Bid = 3 months interbank bid rate (deposit rate)  
 3M Ask = 3 months interbank ask rate (lending rate)
4. **Interest fee** = mark-up of the interest rate. For commodity CFD's it's 2.5%
5. **Deal Amount** = expressed in the base asset units
6. **Average Rate During Overnight Financing** = the last known rate if you were to close your deal when the Overnight Financing occurred

If the calculated Overnight Financing is positive, it means that an applicable amount will be added (credited) to the client's account. It will reduce the total cost of the deal. A negative Overnight Financing means that an applicable amount will be subtracted (debited) from the client's account, thus increasing the total cost of the deal. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the prevailing exchange rates.

CFD which is traded 5 days a week will be credited or debited with a value 3 times the displayed Overnight Financing value during the last day of its underlying asset trading week.

### *Contract Rollover*

While Future Contracts have Expiration Dates, CFDs that are based on Future Contracts have Rollover Dates, which ensure the continuity of the deal instead of closing it. Upon reaching the rollover date, all open deals of the relevant CFDs will be rolled-over to the next contract, so that the deal remain open while tracking the new future contract. Upon effectuating such rollover, the position's open P/L will be adjusted according to the price difference between the expired and new contract prices thus keeping the open P/L unchanged. This action is like closing the deal on the last price of the old future contract and reopening it with the first price of the new future contract, thus additional spread is charged in the process.

Information in regards to rollover dates can be found in iFOREX's website.

### b) Commodity CFDs trading example on WTI OIL

For the purpose of the example below we will assume a deal of 250 units of WTI Oil and a 4 pips spread. One pip of WTI Oil equals to 1 U.S. cent.  $(\$0.01) 250 \times (-4) = -\$10$

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The spread is the immediate loss upon opening the deal as it reflects the scenario of closing the position at that moment. Therefore, immediately after opening the deal, your P/L of that deal will be -\$10.

### 1<sup>st</sup> scenario

Assuming that you opened a buy position on a CFD of 250 barrels on WTI OIL on 15/11/2017 05:14 GMT and closed the position on 15/11/2017 15:45 GMT.

The position was opened and closed within the same day.

During this period no rollover or Overnight Financing were executed.

Account Currency	EUR
Conversion Rate (EUR/USD)	1.18082
Conversion Spread	0.0001
Instrument	WTI OIL
1 PIP Value	0.01
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	0
Opening Quote - Sell (BID)	55.277
Opening Quote - Buy (ASK)	55.317
Spread (pips)	4
Deal Amount	250
Average Rate During Overnight Financing	N/A
3M mid interest rate	N/A
Commodities Interest Fee	2.50%
Overnight Financing	N/A
Overnight Financing Amount	N/A
Rate spread	= 0.01 x 250 x 4
	\$10.00
Converted rate spread	= 10/1.18072
	-€ 8.47
Overnight funding	N/A
Rollover	N/A

PL before cost	\$63.25
PL after cost	\$73.25
PL conversion	= (73.25 / 1.18092) - (73.25 / 1.18082)
	-€ 0.0053
Total cost	= - 8.4694 - 0.0053
	-€ 8.4747
Investment size (deal size)	€ 11,711.56
Return of investment before cost (%)	0.457%
Total cost (%)	0.072%
Return of investment after cost (%)	0.385%

## 2<sup>nd</sup> scenario

Assuming that you opened a buy position on a CFD of 250 barrels of WTI OIL on 09/01/2018 and closed the position on 12/01/2018.

The position was kept open for 4 days (3 nights).

During this period no rollover was executed.

Account Currency	EUR
Conversion Rate (EUR/USD)	1.21365
Conversion Spread	0.0001
Instrument	WTI OIL
1 PIP Value	0.01
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	3
Opening Quote - Sell (BID)	62.074
Opening Quote - Buy (ASK)	62.114
Spread (pips)	4
Deal Amount	250
Average Rate During Overnight Financing	63.525
US Dollar 3M Bid	1.67%

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US Dollar 3M Ask	1.87%
3M mid interest rate	$(1.67\% + 1.87\%)/2$
	1.770%
Commodities Interest Fee	2.50%
Overnight Financing	$= (- ((3M\ mid\ interest\ rate + interest\ fee)/360)) \times Deal\ Amount \times Average\ Rate\ During\ Overnight\ Financing$
	$\Sigma (- ((1.77\% + 2.5\%)/360) \times 250 \times 63.525)$
Overnight Financing Amount	-\$1.88
Rate spread	$= 0.01 \times 250 \times 4$
	\$10.00
Converted rate spread	$= -10/1.21355$
	<b>-€ 8.2403</b>
Overnight funding	$= 3 \times 1.88$
	-\$5.65
Converted overnight funding	$= -5.65/1.21355$
	<b>-€ 4.6567</b>
Rollover	N/A
PL before cost	\$258.90
PL after cost	\$263.25
PL conversion	$= (263.25/1.21375) - (263.25/1.21365)$
	<b>-€ 0.0179</b>
Total cost	$= -8.2403 - 4.6567 - 0.0179$
	<b>-€ 12.9148</b>
Investment size (deal size)	€ 12,794.87
Return of investment before cost (%)	1.667%
Total cost (%)	-0.101%
Return of investment after cost (%)	1.768%

### 3<sup>rd</sup> scenario

Assuming that you opened a sell position on a CFD of 250 contracts of WTI OIL on 27/10/2017 and closed the position on 25/01/2018.

The position was kept open for 91 days (90 nights).

During this period 1 rollover was executed.

Account Currency	PLN
Conversion Rate (EUR/PLN)	3.35245
Conversion Spread	0.00095
Instrument	WTI OIL
1 PIP Value	0.01
Deal Direction	Sell(i.e. Long)
Time Period (number of days the deal was kept open overnight)	90
Opening Quote - Sell (BID)	53.407
Opening Quote - Buy (ASK)	53.447
Spread (pips)	4
Deal Amount	250
Average Rate During Overnight Financing	65.775
US Dollar 3M Bid	1.81%
US Dollar 3M Ask	2.00%
3M mid interest rate	= (1.81% + 2.00)/2
	1.905%
Commodities Interest Fee	2.50%
Overnight Financing	$\sum ((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	$\sum ((1.905\% - 2.5\%)/360) \times 250 \times 65.775$
Overnight Financing Amount	-\$0.27
Rate spread	= 0.01 x 250 x 4
	\$10.00
Converted rate spread	= -10 x 3.3515

	-PLN 33.5340
Overnight funding	= 90 x 0.27
	-\$24.46
Converted overnight funding	= 24.46 x 3.3534
	-PLN 82.0244
Rollover	= 0.01 x 250 x 4
	\$10.00
Converted Rollover	= -10 x 3.3515
	-PLN 33.5340
PL before cost	\$3,228.96
PL after cost	\$3,184.50
PL conversion	= (3,184 x 3.3515) - (3,184 x 3.35245)
	-PLN 3.0253
Total cost	= - 33.534 - 82.0244 - 33.534 - 3.0253
	-PLN 146.0672
Investment size (deal size)	PLN 44,761.07
Return of investment before cost (%)	24.177%
Total cost (%)	0.326%
Return of investment after cost (%)	23.851%

All P/L and Overnight Financing amounts that are quoted in a currency which differs from the account's currency, are converted to the account currency according to the market rates and the market spread.

If your account is in a currency other than the quote currency, the P/L and Overnight Financing will be converted to the account currency. Positive amounts (credit) are converted according to the Buy (Ask) rate and Negative amounts (debit) are converted according to the Sell (Bid). As the spread is a cost, it is considered as a negative amount and therefore will be converted according to the Sell rate. In our example, WTI Oil is quoted in U.S. Dollars, so assuming that your account is in EUR, any negative amount will be converted as per the EUR/USD Sell (Bid) rate, while any positive amount will be converted as per the EUR/USD Buy (Ask) rate.

#### **D. INDEX CFDs**

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a) Applicable cost and charges

*Spread*

A spread is the difference between the Sell ("Bid") price and the Buy ("Ask") price of an asset and is considered as the cost for opening a trade. The minimum spread per instrument is detailed on iFOREX's website but each client may have different spread according to the client's history, volume, activities or certain promotions.

*Overnight Financing*

iFOREX applies Overnight Financing for deals that remain open at the end of their underlying asset daily trading session. This Overnight Financing may be subject to credit or debit, calculated on the basis of the quoted currency/ies interest rates, plus a mark-up. The mark-up for index CFD instruments is 2.5%.

If the calculated Overnight Financing percentage is positive, it means that an applicable amount will be added (credited) to the client's account. A negative Overnight Financing percentage means that an applicable amount will be subtracted (debited) from the client's account. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the then prevailing exchange rates.

*Formulae*

1. Formula for Index CFD Overnight Financing =  
For Buy (Long Positions):  $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$   
For Sell (Short Positions):  $\sum ((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
2. As Overnight Financing calculation is based on daily variables such as the Closing Rate and the 3M mid Interest Rate, every run can get different values. As a result, to calculate all the Overnight Financing for a specific position, it is required to sum (i.e. the Sigma) all the Overnight Financing daily occurrences of the position.
3. Formula for **3M mid interest rate = (3M Bid + 3M Ask) / 2**  
3M Bid = 3 months interbank bid rate (deposit rate)  
3M Ask = 3 months interbank ask rate (lending rate)
4. **Interest fee** = mark-up of the interest rate. For index CFD's it's 2.5%
5. **Deal Amount** = expressed in the base asset units
6. **Average Rate During Overnight Financing** = the last known rate if you were to close your deal when the Overnight Financing occurred

If the calculated Overnight Financing is positive, it means that an applicable amount will be added (credited) to the client's account. It will reduce the total cost of the deal. A negative Overnight Financing means that an applicable amount will be subtracted (debited) from the client's account, thus increasing the total cost of the deal. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the prevailing exchange rates.

CFD which is traded 5 days a week will be credited or debited with a value 3 times the displayed Overnight Financing value during the last day of its underlying asset trading week.

*Contract Rollover*

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While Future Contracts have Expiration Dates, CFDs that are based on Future Contracts have Rollover Dates, which ensure the continuity of the deal instead of closing it. Upon reaching the rollover date, all open deals of the relevant CFDs will be rolled-over to the next contract, so that the deal remain open while tracking the new future contract. Upon effectuating such rollover, the position's open P/L will be adjusted according to the price difference between the expired and new contract prices thus keeping the open P/L unchanged. This action is like closing the deal on the last price of the old future contract and reopening it with the first price of the new future contract, thus additional spread is charged in the process.

Information in regards to rollover dates can be found in iFOREX's website.

b) Index CFDs trading example on Japan 225

For the purpose of the example below we will assume a deal of 100 contracts of Japan 225 and a 8.5 pips spread. One pip of Japan 225 equals to 1 JPY (¥ 1.00).  $100 \times 8.5 \times 1 = - ¥850$

The spread is the immediate loss upon opening the deal as it reflects the scenario of closing the deal at that moment. Therefore, immediately after opening the deal, your P/L of that deal will be - ¥850.

**1<sup>st</sup> scenario**

Assuming that you opened a buy position on a CFD of 100 contracts on Japan 225 on 26/01/2018 02:58 GMT and closed the position on 26/01/2018 14:06 GMT.

The position was opened and closed within the same day.

During this period no rollover or Overnight Financing were executed.

Account Currency	EUR
Conversion Rate (EUR/JPY)	136.038
Conversion Spread	0.02
Instrument	Japan 225
1 PIP Value	1
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	0
Opening Quote - Sell (BID)	23,593.30
Opening Quote - Buy (ASK)	23,601.80
Spread (pips)	8.50
Deal Amount	100
Average Rate During Overnight Financing	N/A
3M mid interest rate	N/A

Indices Interest Fee	2.50%
Overnight Financing	N/A
Overnight Financing Amount	N/A
Rate spread	= 100 x 8.5 x 1
	850
Converted rate spread	= 850/136.018
	-€ 6.2492
Overnight funding	N/A
Rollover	N/A
PL before cost	¥14,000
PL after cost	¥13,150
PL conversion	= (13,150 / 136.058) - (13,150 / 136.038)
	-€ 0.0142
Total cost	= -6.2492 - 0.0142
	-€ 6.2634
Investment size (deal size)	€ 17,349.42
Return of investment before cost (%)	0.593%
Total cost (%)	0.036%
Return of investment after cost (%)	0.557%

## 2<sup>nd</sup> scenario

Assuming that you opened a buy position on a CFD of 100 contracts of Japan 225 on 15/12/2017 and closed the position on 18/12/2017.

The position was kept open for 3 days (2 nights).

During this period no rollover was executed.

Account Currency	EUR
Conversion Rate (EUR/JPY)	132.774
Conversion Spread	0.02
Instrument	Japan 225
1 PIP Value	1
Deal Direction	Buy (i.e. Long)

Time Period (number of days the deal was kept open overnight)	2
Opening Quote - Sell (BID)	22,682.80
Opening Quote - Buy (ASK)	22,691.30
Spread (pips)	8.50
Deal Amount	100
Average Rate During Overnight Financing	23,735
Japanese Yen 3M Bid	-0.32%
Japanese Yen 3M Ask	0.03%
3M mid interest rate	= $(-0.32 + 0.03)/2$ -0.145%
Indices Interest Fee	2.50%
Overnight Financing	= $(- ((3M\ mid\ interest\ rate + interest\ fee)/360)) \times Deal\ Amount \times Average\ Rate\ During\ Overnight\ Financing$ $\Sigma (- ((-0.145\% + 25\%)/360) \times 100 \times 23.735)$
Overnight Financing Amount	-¥155.27
Rate spread	= $100 \times 8.5 \times 1$ 850
Converted rate spread	= $850/132.754$ -€ 6.4028
Overnight funding	= $2 \times 155,27$ -¥310.53
Converted overnight funding	= $-310.53 / 132.754$ -€ 2.3392
Rollover	N/A
PL before cost	¥23,914
PL after cost	¥22,750
PL conversion	= $(22,750 / 132.794) - (22,750 / 132,774)$

	-€ 0.0258
Total cost	= - 6.4028 - 2.3392 - 0.0258
	-€ 8.7678
Investment size (deal size)	€ 17,090.17
Return of investment before cost (%)	1.054%
Total cost (%)	0.051%
Return of investment after cost (%)	1.003%

### 3<sup>rd</sup> scenario

Assuming that you opened a buy position on a CFD of 100 contracts of Japan 225 on 20/10/2017 and closed the deal on 10/01/2018.

The position was kept open for 83 days (82 nights).

During this period 1 rollover was executed.

Account Currency	EUR
Conversion Rate (EUR/JPY)	134.527
Conversion Spread	0.02
Instrument	Japan 225
1 PIP Value	1
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	82
Opening Quote - Sell (BID)	21,377.80
Opening Quote - Buy (ASK)	21,386.30
Spread (pips)	8.50
Deal Amount	100
Average Rate During Overnight Financing	24,818
Japanese Yen 3M Bid	-0.19%

Japanese Yen 3M Ask	0.01%
3M mid interest rate	= $(-0.19\% + 0.01)/2$
	-0.090%
Indices Interest Fee	2.50%
Overnight Financing	= $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360))$ x Deal Amount x Average Rate During Overnight Financing
	$\sum (- ((-0.090\% + 2.5\%)/360) \times 100 \times 24.818)$
Overnight Financing Amount	-¥166.14
Rate spread	= $100 \times 8.5 \times 1$
	850
Converted rate spread	= $850/133.507$
	<b>-€ 6.3194</b>
Overnight funding	= $82 \times 166,14$
	-¥13,623.43
Converted overnight funding	= $-13,623.43/134.507$
	<b>-€ 101.2842</b>
Rollover	= $100 \times 8.5 \times 1$
	850
Converted Rollover	= $850/133.507$
	<b>-€ 6.3194</b>
PL before cost	¥252,029
PL after cost	¥236,670
PL conversion	= $(22,750/132.794) - (22,750/132,774)$
	<b>-€ 0.2615</b>
Total cost	= $-6.3194 - 101.2842 - 6.3194 - 0.2615$
	<b>-€ 114.1844</b>
Investment size (deal size)	€ 15,897.40

Return of investment before cost (%)	11.785%
Total cost (%)	0.718%
Return of investment after cost (%)	11.066%

All P/L and Overnight Financing amounts that are quoted in a currency which differs from the account's currency, are converted to the account currency according to the market rates and the market spread.

If your account is in a currency other than the quote currency, the P/L and Overnight Financing will be converted to the account currency. Positive amounts (credit) are converted according to the Buy (Ask) rate and Negative amounts (debit) are converted according to the Sell (Bid). As the spread is a cost, it is considered as a negative amount and therefore will be converted according to the Sell rate. In our example, the Japan 225 CFD is quoted in JPY, so assuming that your account is in EUR, any negative amount will be converted as per the EUR/JPY Sell (Bid) rate, while any positive amount will be converted as per the EUR/JPY Buy (Ask) rate.

#### **E. ETF CFDs**

##### **a) Applicable cost and charges**

#### *Spread*

A spread is the difference between the Sell ("Bid") price and the Buy ("Ask") price of an asset and is considered as the cost for opening a trade. The minimum spread per instrument is detailed on iFOREX's website but each client may have different spread according to the client's history, volume, activities or certain promotions.

#### *Overnight Financing*

iFOREX applies Overnight Financing for deals that remain open at the end of their underlying asset's daily trading session. This Overnight Financing may be subject to credit or debit, calculated on the basis of the quoted currency/ies' interest rates for the currencies in which the underlying instrument is traded, plus an interest fee (this is the mark-up). The mark-up for ETF CFD's is 5%.

If the calculated Overnight Financing percentage is positive, it means that an applicable amount will be added (credited) to the client's account. A negative Overnight Financing percentage means that an applicable amount will be subtracted (debited) from the client's account. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the then prevailing exchange rates.

#### *Formulae*

1. Formula for Shares Overnight Financing =  
 For Buy (Long Positions):  $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate}$   
**During Overnight Financing**  
 For Sell (Short Positions):  $\sum ((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times$
2. As Overnight Financing calculation is based on daily variables such as the Closing Rate and the 3M mid Interest Rate, every run can get different values. As a result, to calculate all the Overnight Financing for a specific position, it is required to sum (i.e. the Sigma) all the Overnight Financing daily occurrences of the position.
3. Formula for **3M mid interest rate = (3M Bid + 3M Ask) / 2**  
 3M Bid = 3 months interbank bid rate (deposit rate)  
 3M Ask = 3 months interbank ask rate (lending rate)
4. **Interest fee** = mark-up of the interest rate. For ETF's it's 5%
5. **Deal Amount** = expressed in the base asset units
6. **Average Rate During Overnight Financing** = the last known rate if you were to close your deal when the Overnight Financing occurred

If the calculated Overnight Financing is positive, it means that an applicable amount will be added (credited) to the client's account. It will reduce the total cost of the deal. A negative Overnight Financing means that an applicable amount will be subtracted (debited) from the client's account, thus increasing the total cost of the deal. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the prevailing exchange rates.

CFD which is traded 5 days a week will be credited or debited with a value 3 times the displayed Overnight Financing value during the last day of its underlying asset trading week.

b) ETFs CFDs trading example on US Energy ETF

For the purpose of the example below we will assume a deal of 30 contracts of US Energy ETF and a 24 pips spread. One pip of a contract on US Energy ETF equals to 1 U.S. cent (\$0.01).  $30 \times (-24) \times 0.01 = -\$7.2$

The spread is the immediate loss upon opening the deal as it reflects the scenario of closing the deal at that moment. Therefore, immediately after opening the deal, your P/L of that deal will be  $-\$7.2$ .

**1<sup>st</sup> scenario**

Assuming that you opened a sell position on a CFD of 30 contracts on US Energy ETF on 20/09/2017 18:35 GMT and closed the position on 20/09/2017 18:44 GMT.

The position was opened and closed within the same day.

Account Currency	EUR
Conversion Rate (EUR/USD)	1.18795
Conversion Spread	0.0001
Instrument	US Energy
1 PIP Value	0.01
Deal Direction	Sell (i.e. Short)
Time Period (number of days the deal was kept open overnight)	30
Opening Quote - Sell (BID)	66.690
Opening Quote - Buy (ASK)	66.930
Spread (pips)	4
Deal Amount	30
Average Rate During Overnight Financing	N/A
3M mid interest rate	N/A
	N/A
Shares Interest Fee	5.00%
Overnight Financing	N/A
Overnight Financing Amount	N/A
Rate spread	= 0.01 x 30 x 24
	\$7.20
Converted rate spread	= -7.2/1.18785
	-€ 6.0614
Overnight funding	N/A
	N/A
Rollover	N/A
PL before cost	-\$0.30
PL after cost	-\$7.50
PL conversion	= (7.5 / 1.1878) - (7.5 / 1.1879)
	-€ 0.0005
Total cost	= - 6.0614 - 0.0005
	-€ 6.0619

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Investment size (deal size)	€ 1,684.16
Return of investment before cost	-0.015%
Total cost	0.360%
Return of investment after cost	-0.375%

## 2<sup>nd</sup> scenario

Assuming that you opened a buy position on a CFD of 30 contracts on US Energy ETF on 24/11/2017 and closed the position on 27/11/2017.

The position was kept open for 4 days (3 nights).

Account Currency	EUR
Conversion Rate (EUR/USD)	1.19377
Conversion Spread	0.0001
Instrument	US Energy
1 PIP Value	0.01
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	3
Opening Quote - Sell (BID)	67.880
Opening Quote - Buy (ASK)	68.120
Spread (pips)	24
Deal Amount	30
Average Rate During Overnight Financing	67.890
US Dollar 3M Bid	1.42%
US Dollar 3M Ask	1.62%
3M mid interest rate	$(1.42\% + 1.62\%)/2$ 1.52%
Shares Interest Fee	5.00%
Overnight Financing	$= \sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$ $\sum (- ((1.52\% + 5\%)/360) \times 30 \times 67.89)$
Overnight Financing Amount	-\$0.37

Rate spread	= 0.01 x 30 x 24
	\$7.20
Converted rate spread	= -7.2/1.19367
	-€ 6.0318
Overnight funding	= 3 x 0.37
	-\$1.11
Converted overnight funding	= -1.11/1.19367
	-€ 0.9271
Rollover	N/A
PL before cost	-\$20.19
PL after cost	-\$28.50
PL conversion	= (28.5 / 1.19367) - (28.5 / 1.19377)
	-€ 0.0020
Total cost	= - 6.0318 - 0.0020 - 0.9271
	-€ 6.9609
Investment size (deal size)	€ 1,711.89
Return of investment before cost	-0.988%
Total cost	0.407%
Return of investment after cost	-1.395%

### 3<sup>rd</sup> scenario

Assuming that you opened a buy position on a CFD of 30 contracts on US Energy ETF on 20/10/2017 and closed the position on 10/01/2018.

The position was kept open for 83 days (82 nights).

Account Currency	EUR
Conversion Rate (EUR/USD)	1.1955
Conversion Spread	0.0001
Instrument	US Energy
1 PIP Value	0.01
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	82

Opening Quote - Sell (BID)	67.500
Opening Quote - Buy (ASK)	67.740
Spread (pips)	24
Deal Amount	30
Average Rate During Overnight Financing	75.190
US Dollar 3M Bid	1.67%
US Dollar 3M Ask	1.87%
3M mid interest rate	$(1.67\% + 1.87\%)/2$
	1.77%
Shares Interest Fee	5.00%
Overnight Financing	$= \sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	$\sum (- ((1.77\% + 5\%)/360) \times 30 \times 75.19)$
Overnight Financing Amount	-\$0.42
Rate spread	$= 0.01 \times 30 \times 24$
	\$7.20
Converted rate spread	$= -7.2/1.1954$
	<b>-€ 6.0231</b>
Overnight funding	$= 82 \times 0.42$
	-\$34.78
Converted overnight funding	$= -34.78/1.1954$
	<b>-€ 29.0983</b>
Rollover	N/A
PL before cost	\$267.88
PL after cost	\$225.90
PL conversion	$= (225.9 / 1.1954) - (225.95 / 1.1955)$

	-€ 0.0158
Total cost	= - 6.0231 - 29.0983 - 0.0158 -€ 35.1372
Investment size (deal size)	€ 1,699.87
Return of investment before cost (%)	13.181%
Total cost (%)	2.067%
Return of investment after cost (%)	11.114%

All P/L and Overnight Financing amounts that are quoted in a currency which differs from the account's currency, are converted to the account currency according to the market rates and the market spread.

If your account is in a currency other than the quote currency, the P/L and Overnight Financing will be converted to the account currency. Positive amounts (credit) are converted according to the Buy (Ask) rate and Negative amounts (debit) are converted according to the Sell (Bid). As the spread is a cost, it is considered as a negative amount and therefore will be converted according to the Sell rate. In our example, the US Energy ETF is quoted in USD, so assuming that your account is in EUR, any negative amount will be converted as per the EUR/USD Sell (Bid) rate, while any positive amount will be converted as per the EUR/USD Buy (Ask) rate.

## F. CRYPTOCURRENCY CFDs

### a) Applicable cost and charges

#### *Spread*

A spread is the difference between the Sell ("Bid") price and the Buy ("Ask") price of an asset and is considered as the cost for opening a trade. The minimum spread per instrument is detailed on iFOREX's website but each client may have different spread according to the client's history, volume, activities or certain promotions.

#### *Overnight Financing*

In addition to the above, iFOREX charges Overnight Financing for deals that remain open at the end of their underlying asset daily trading session. This Overnight Financing may be subject to credit or debit, calculated on the basis of the quoted currency/ies interest rates, plus a mark-up. The mark-up for cryptocurrencies can be extremely high due to Cryptocurrencies' extreme market conditions. When opening a new deal, click on 'Tools', then open the 'Instrument Info' tab to view the most updated values.

For the purposes of the example below, we will assume a mark-up of 20%.

If the calculated Overnight Financing percentage is positive, it means that an applicable amount will be added (credited) to the client's account. A negative Overnight Financing percentage means that an applicable amount will be subtracted (debited) from the client's account. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the then prevailing exchange rates.

*Formulae*

1. Formula for Cryptocurrencies Overnight Financing =

For Buy (Long Positions):  $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate}$   
During Overnight Financing

For Sell (Short Positions):  $\sum ((3M \text{ mid interest rate} - \text{interest fee})/360) \times \text{Deal Amount} \times \text{Average Rate}$  During Overnight Financing

2. As Overnight Financing calculation is based on daily variables such as the Closing Rate and the 3M mid Interest Rate, every run can get different values. As a result, to calculate all the Overnight Financing for a specific position, it is required to sum (i.e. the Sigma) all the Overnight Financing daily occurrences of the position.
3. Formula for 3M mid interest rate =  $(3M \text{ Bid} + 3M \text{ Ask}) / 2$   
3M Bid = 3 months interbank bid rate (deposit rate)  
3M Ask = 3 months interbank ask rate (lending rate)
4. Interest fee = mark-up of the interest rate. For cryptocurrencies it's 20%
5. Deal Amount = expressed in the base asset units
6. Average Rate During Overnight Financing = the last known rate if you were to close your deal when the Overnight Financing occurred

If the calculated Overnight Financing is positive, it means that an applicable amount will be added (credited) to the client's account. It will reduce the total cost of the deal. A negative Overnight Financing means that an applicable amount will be subtracted (debited) from the client's account, thus increasing the total cost of the deal. If the CFD's quoted currency differs from the account's currency, it will be converted to the account's currency at the prevailing exchange rates.

CFD which is traded 5 days a week will be credited or debited with a value 3 times the displayed Overnight Financing value during the last day of its underlying asset trading week.

b) Cryptocurrency CFDs trading example on Bitcoin

For the purpose of the examples below we will assume a deal size of 1 Bitcoin and a 100 pips spread. One pip of Bitcoin equals to 1 U.S. dollar (\$1.00).  $1 \times (-100) \times 1 = -\$100$

The spread is the immediate loss upon opening the deal as it reflects the scenario of closing the deal at that moment. Therefore, immediately after opening the deal, your P/L of that deal will be -\$100.

**1<sup>st</sup> scenario**

Assuming that you opened a buy position on a CFD of 1 Bitcoin on 17/01/2018 22:06 GMT and closed the position on 17/01/2018 10:18 GMT.

The Position was opened and closed within the same day.

During this period no Overnight Financing was executed.

Account Currency	EUR
Conversion Rate (EUR/USD)	1.21886
Conversion Spread	0.0001
Instrument	Bitcoin
1 PIP Value	1
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	0
Opening Quote - Sell (BID)	11,407.970
Opening Quote - Buy (ASK)	11,507.970
Spread (pips)	100
Deal Amount	1
Average Rate During Overnight Financing	N/A
US Dollar 3M Bid	N/A
US Dollar 3M Ask	N/A
3M mid interest rate	N/A
Cryptocurrencies Interest Fee	20.00%
Overnight Financing	N/A
Overnight Financing Amount	N/A
Rate spread	= 1 x 1 x 100
	\$100.00
Converted rate spread	= 100/1.21876
	-€ 82.05
Overnight funding	N/A

Rollover	N/A
PL before cost	\$24.42
PL after cost	\$124.42
PL conversion	= (124.42/ 1.21876) - (124.42 / 1.21886)
	-€ 0.0084
Total cost	= - 82.05 - 0.0084
	-€ 82.0590
Investment size (deal size)	€ 9,441.58
Return of investment before cost (%)	0.212%
Total cost (%)	0.869%
Return of investment after cost (%)	-0.657%

## 2<sup>nd</sup> scenario

Assuming that you opened a buy position on a CFD of 1 Bitcoin on 04/12/2017 and closed the position on 07/12/2017.

The position was kept open for 4 days (3 nights).

Account Currency	EUR
Conversion Rate (EUR/USD)	1.1771
Conversion Spread	0.0001
Instrument	Bitcoin
1 PIP Value	1
Deal Direction	Buy (i.e. Long)
Time Period (number of days the deal was kept open overnight)	3
Opening Quote - Sell (BID)	11,321.630
Opening Quote - Buy (ASK)	11,421.630
Spread (pips)	100
Deal Amount	1
Average Rate During Overnight Financing	13,622.250
US Dollar 3M Bid	1.46%
US Dollar 3M Ask	1.66%

3M mid interest rate	$(1.46\% + 1.66\%)/2$
	1.560%
Cryptocurrencies Interest Fee	20.00%
Overnight Financing	$= \sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	$= \sum (- ((1.56\% + 20\%)/360) \times 1 \times 13622.25)$
Overnight Financing Amount	-\$8.16
Rate spread	$= 1 \times 1 \times 100$
	\$100.00
Converted rate spread	$= -100/1.1761$
	<b>-€ 84.9618</b>
Overnight funding	$= 3 \times 8.16$
	-\$24.47
Converted overnight funding	$= -24.47/1.1770$
	<b>-€ 20.7941</b>
Rollover	N/A
PL before cost	\$2,916.80
PL after cost	\$2,992.33
PL conversion	$= (2992.33 / 1.1761) - (2992.33 / 1.1771)$
	<b>-€ 0.2159</b>
Total cost	$= -84.9618 - 20,7941 - 0.2159$
	€ 105.9718
Investment size (deal size)	€ 9,703.19
Return of investment before cost (%)	25.535%
Total cost (%)	1.092%
Return of investment after cost (%)	24.443%

### 3<sup>rd</sup> scenario

Assuming that you opened a buy position of a CFD on Bitcoin 02/11/2017 and closed the position on 26/01/2018.

The Position was kept open for 86 days (85 nights).

Account Currency	EUR
Conversion Rate (EUR/USD)	1.24568
Conversion Spread	0.0001
Instrument	Bitcoin
1 PIP Value	1
Deal Direction	Buy(i.e. Long)
Time Period (number of days the deal was kept open overnight)	85
Opening Quote - Sell (BID)	6,968.220
Opening Quote - Buy (ASK)	7,068.220
Spread (pips)	100
Deal Amount	1
Average Rate During Overnight Financing	11,147.775
US Dollar 3M Bid	1.81%
US Dollar 3M Ask	1.99%
3M mid interest rate	= (1.81% + 1.99)/2
	1.900%
Cryptocurrencies Interest Fee	20.00%
Overnight Financing	= $\sum (- ((3M \text{ mid interest rate} + \text{interest fee})/360)) \times \text{Deal Amount} \times \text{Average Rate During Overnight Financing}$
	= $\sum (- ((1.9\% + 20\%)/360) \times 1 \times 11147.775)$
Overnight Financing Amount	-\$6.78
Rate spread (%)	= $1 \times 1 \times 100$
	\$100.00

Converted rate spread (%)	= $-100/1.24558$
	-€ 80.2839
Overnight funding	= $85 \times 6.78$
	-\$576.43
Converted overnight funding	= $-576.43/1.24558$
	-€ 462.7827
Rollover	N/A
PL before cost	\$3,872.60
PL after cost	\$3,196.17
PL conversion	= $(3,196.17/1.24578) - (3,196.17/1.24568)$
	-€ 0.2060
Total cost	= $-80.2839 - 462.7827 - 0.2060$
	-€ 543.2725
Investment size (deal size)	€ 5,674.1860
Return of investment before cost (%)	54.785%
Total cost (%)	9.574%
Return of investment after cost (%)	45.210%

All P/L and Overnight Financing amounts that are quoted in a currency which differs from the account's currency, are converted to the account currency according to the market rates and the market spread.

If your account is in a currency other than the quote currency, the P/L and Overnight Financing will be converted to the account currency. Positive amounts (credit) are converted according to the Buy (Ask) rate and Negative amounts (debit) are converted according to the Sell (Bid). As the spread is a cost, it is considered as a negative amount and therefore will be converted according to the Sell rate. In our example, Bitcoin CFD is quoted in USD, so assuming that your account is in EUR, any negative amount will be converted as per the EUR/USD Sell (Bid) rate, while any positive amount will be converted as per the EUR/USD Buy (Ask) rate.