

FX Net Position

Description

FX Net Position provides an overview of a customers' net position in the relevant currency pairs. The report also includes the current spot rate to determine what the current net position is for customer's trading options.

This report includes FX spot, forwards, swaps and options.

Included is also the calculation of an average rate, which states at which price the customer has to trade at in order to bring the net position to zero with a total payoff of 0.

Settings

Date: Report date of the report (set to last business day as default)

Currency cross: Specifies the currency pair which should be include in the report. If left blank the report will pick a random currency pair from the pairs traded by the customer.

Spot Rate: Custom spot rate. Overwrites the spot rate for calculating the net position and payoff.

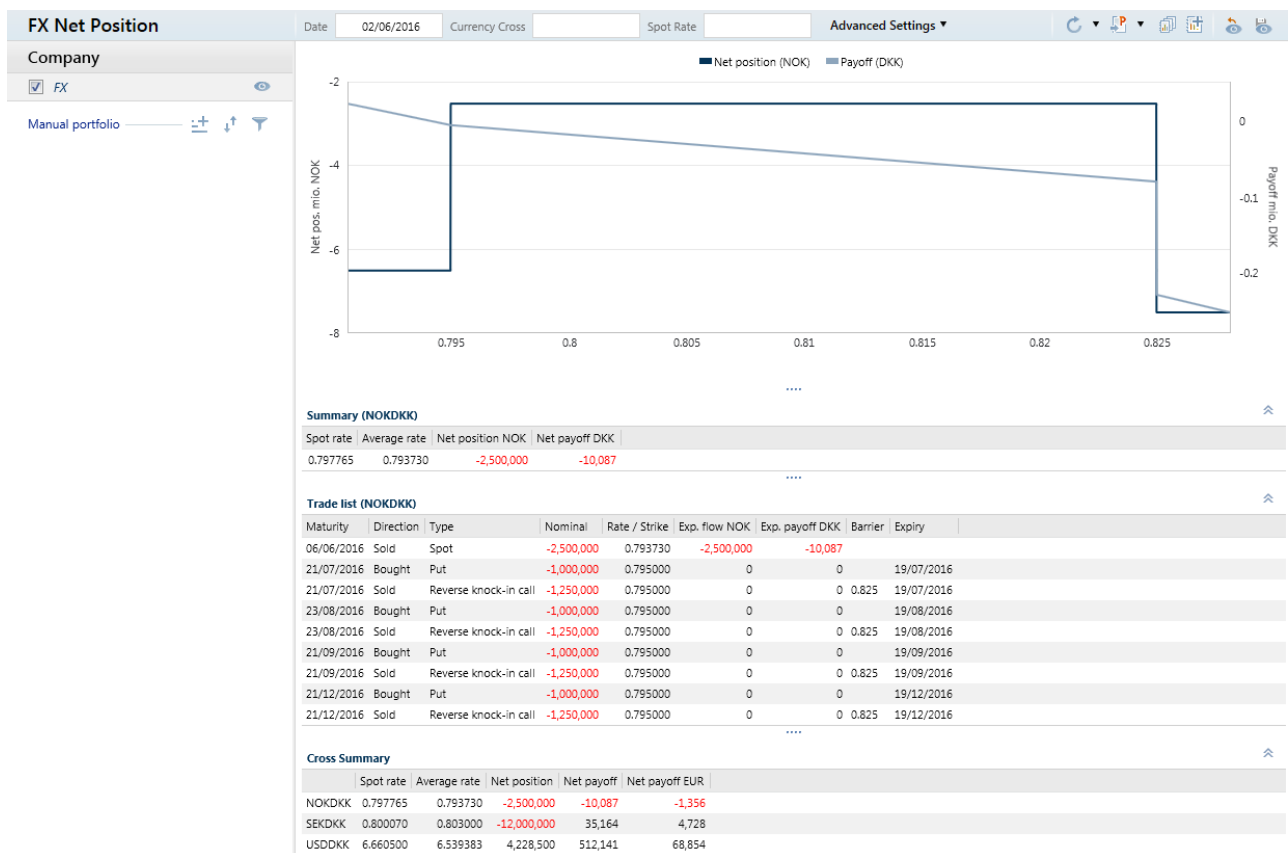
Flip position: flips the currency pair

Maturity Date: Only show trades with a maturity on a specific day.

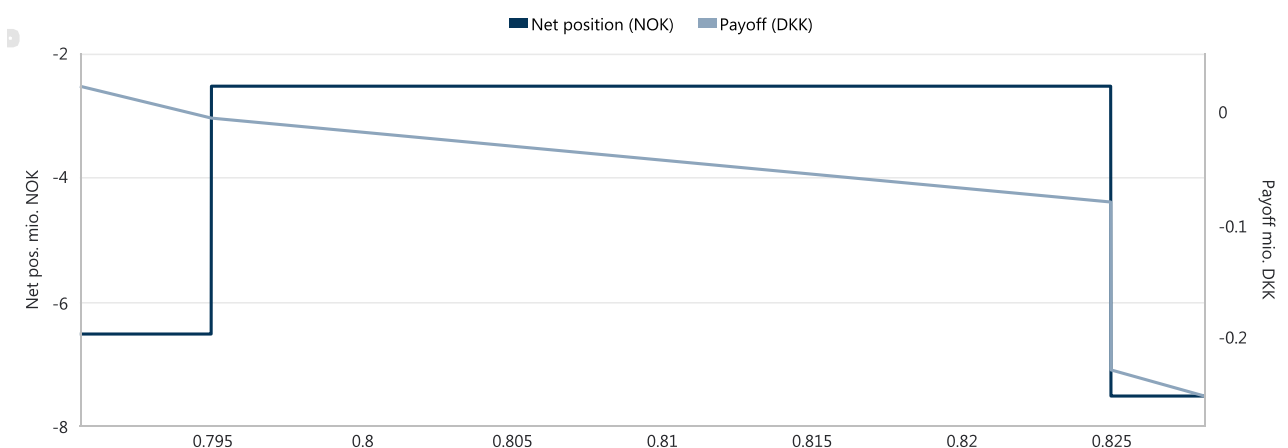
Include CN flow: Includes trades coming from Corporate Netbank (only relevant to Denmark)

Report elements

FX Net Position contains four report elements, one chart and three grids.



The chart shows the net position in base currency (left axis) and the payoff in price currency (right axis) as a function of the spot rate (x-axis). By default the charts includes all trades and maturities for the given currency pair. By selecting a specific maturity date from the setting *Maturity Date*, the chart will update to only show the payoff profile for that specific date.



The grid *Summary (XXXYYY)* shows the spot rate of the report date, as well as the average rate, net position, and payoff given the spot rate. If the customer is trading options and they are out of the money, the net position will not include the assumed spot trade that the customer would have to do instead of executing the option.

Summary (NOKDKK)

Spot rate	Average rate	Net position NOK	Net payoff DKK
0.797765	0.793730	-2,500,000	-10,087

The average rate is calculated as net rate:

$$Average\ Exchange\ Rate = Abs\left(\sum_{i=1}^n \frac{price\ amount_i}{base\ amount_i}\right)$$

If the customer wants to close his position with a net payoff of zero, he has to trade at a rate equal to the average rate.

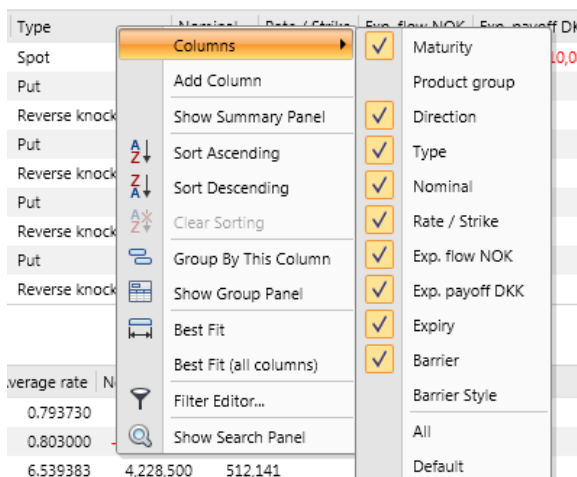
The grid *Trade list (XXXYYY)* includes all the individual trades for the specified currency pair.

Trade list (NOKDKK)

Maturity	Direction	Type	Nominal	Rate / Strike	Exp. flow NOK	Exp. payoff DKK	Barrier	Expiry
06/06/2016	Sold	Spot	-2,500,000	0.793730	-2,500,000	-10,087		
21/07/2016	Bought	Put	-1,000,000	0.795000	0	0		19/07/2016
21/07/2016	Sold	Reverse knock-in call	-1,250,000	0.795000	0	0	0.825	19/07/2016
23/08/2016	Bought	Put	-1,000,000	0.795000	0	0		19/08/2016
23/08/2016	Sold	Reverse knock-in call	-1,250,000	0.795000	0	0	0.825	19/08/2016
21/09/2016	Bought	Put	-1,000,000	0.795000	0	0		19/09/2016
21/09/2016	Sold	Reverse knock-in call	-1,250,000	0.795000	0	0	0.825	19/09/2016
21/12/2016	Bought	Put	-1,000,000	0.795000	0	0		19/12/2016
21/12/2016	Sold	Reverse knock-in call	-1,250,000	0.795000	0	0	0.825	19/12/2016

For out of the money option the net position and payoff will be 0. When changing the spot rate from the settings, the expected flow and expected payoff will change accordingly.

It is possible to add more columns to this grid. To do so, right-click on a random column header and select the extra columns.



The last grid *Cross Summary* shows a row per currency pair traded by the customer. It contains the same information as the grid *Summary (XXXYYY)*. However when changing the spot rate from the settings, this grid will not change.

Cross Summary

	Spot rate	Average rate	Net position	Net payoff	Net payoff EUR
NOKDKK	0.797765	0.793730	-2,500,000	-10,087	-1,356
SEKDKK	0.800070	0.803000	-12,000,000	35,164	4,728
USDDKK	6.660500	6.539383	4,228,500	512,141	68,854