CLAIMS

1. A proactive pre-filling system comprising

a processing module;

a forecasting module coupled to the processing module;

a statistical module coupled to the forecast module;

a pre-filling module coupled to the forecast module; and

an FX trading module coupled to the pre-filling module and the processing unit;

wherein the processing module is configured to retrieve actual electronic data representing an actual volume of past transactions in a first currency withdrawn from a financial account in a second currency using a past fixed exchange rate for a past time period and to transmit the actual volume data to the forecasting module;

wherein the forecasting module is configured to generate forecast electronic data representing a forecast volume of transactions in the first currency for a current time period based on the received actual electronic data using the statistical module, and to transmit the forecast electronic data to the pre-filling module;

wherein the pre-filling module is configured to automatically pre-fill the financial account in the second currency depending on a predetermined event by instructing the FX module to execute an FX transaction to sell a sell volume in first currency based on the forecast electronic data and to buy a corresponding buy volume in the second currency, wherein the predetermined event is receiving, by the proactive pre-filling module, the forecast electronic data representing the forecast volume for the current period;

wherein the FX trading module is configured to generate a current fixed exchange between the first and second currencies substantially at the same time as executing the FX transaction and to transmit the current fixed exchange rate to the processing module; and

wherein the processing module is configured to supply the current fixed exchange rate for the withdrawing of an actual volume of current transactions in the first currency from the financial account in the second currency for the current time period.

2. The proactive pre-filling system of claim 1, wherein at the start of the current period the pre-filling module pre-fills the financial account with a first transaction volume determined based on the forecast electronic data representing the forecast volume for the period.

3. The proactive pre-filling system of claims 1 or 2, wherein at the end of the current period, the pre-filling module determines a second transaction volume based on further forecast electronic data representing the forecast volume for a next period and based on surplus/deficit electronic data representing a surplus/deficit of the financial account at the end of the current period.

4. The proactive pre-filling system of claim 3, wherein the second transaction volume is reduced from the forecast volume for the next period if the surplus/deficit electronic data represents a surplus of the financial account at the end of the current period.

5. The proactive pre-filling system of claim 3, wherein the second transaction volume is increased from the forecast volume for the next period if the surplus/deficit electronic data represents a deficit of the financial account at the end of the current period.

6. The proactive pre-filling system of any one of claims 1 to 5, wherein the pre-filling module pre-fills the financial account by instructing an execution module to send a foreign exchange (FX) order to an FX bank for execution.

7. The proactive pre-filling system of claim 6, wherein the execution module determines a fixed FX rate based on an average of one or more mid rates determined at approximately the same time as the FX order is sent to the FX bank for execution, each mid rate being determined based on one corresponding bid and offer price pair for a currency pair of the FX order.

8. The proactive pre-filling system of claim 7, wherein each midrate is determined as an average of the corresponding bid and offer price pair.

9. The proactive pre-filling system of claim 7 or 8, wherein the system is configured to generate a fixed rate pricing sheet based on the fixed FX rate for offering to a client associated with the financial account.

10. The proactive pre-filling system of claim 9, wherein the system is configured to receive a payment from the client in one currency of the currency pair of the FX order and to enable a withdrawal by the client from the financial account in the other currency of the currency pair.

11. The proactive pre-filling system of claim 10, wherein an amount of the payment is based on the amount of the withdrawal multiplied according to the fixed rate pricing sheet.

12. The proactive pre-filling system of any one of claims 1 to 11, wherein the electronic forecasting module determines the forecast volume based on historical data.

13. The proactive pre-filling system of claim 12, wherein the historical data is updated at the end of the current period based on actual volume data for the current period.

14. The proactive pre-filling system of claim 12 or 13, wherein the electronic forecasting module performs time series analysis based on the historical data.

15. The proactive pre-filling system of claim 14, wherein the time series analysis comprises autoregressive integrated moving average (ARIMA) calculations.

16. The proactive pre-filling system of claim 14 or 15, wherein the time series analysis takes seasonal aspects into account.

17. The proactive pre-filling system of claim 16, wherein the seasonal aspects comprises one or more of a group consisting of weekdays, weekends, and holidays.

18. A method for administering a financial account, the method comprising the steps of:

retrieving actual electronic data representing an actual volume of past transactions in a first currency withdrawn from a financial account in a second currency using a past fixed exchange rate for a past time period;

generating forecast electronic data representing a forecast volume of transactions in the first currency for a current time period based on the received actual electronic data using a statistical module, and transmitting the forecast electronic data to a computer implemented pre-filling module;

automatically pre-filling the financial account in the second currency depending on a predetermined event by instructing a computer implemented FX module to execute an FX transaction to sell a sell volume in first currency based on the forecast electronic data and to buy a corresponding buy volume in the second currency, wherein the predetermined event is the pre-filling module receiving the forecast electronic data representing the forecast volume for the current period from the statistical module;

generating a current fixed exchange between the first and second currencies substantially at the same time as executing the FX transaction and transmitting the current fixed exchange rate for use by a client; and

supplying the current fixed exchange rate for the withdrawing of an actual volume of current transactions in the first currency from the financial account in the second currency for the current time period.

19. The method of claim 18, wherein at the start of the current period the financial account is pre-filled with a first transaction volume determined based on the forecast electronic data representing the forecast volume for the period.

20. The method of claims 18 or 19, wherein at the end of the current period, a second transaction volume is determined based on further forecast electronic data representing the forecast volume for a next period and based on surplus/deficit electronic data representing a surplus/deficit of the financial account at the end of the current period.

21. The method of claim 20, wherein the second transaction volume is reduced from the forecast volume for the next period if the surplus/deficit electronic data represents a surplus of the financial account at the end of the current period.

22. The method of claim 20, wherein the second transaction volume is increased from the forecast volume for the next period if the surplus/deficit electronic data represents a deficit of the financial account at the end of the current period.

23. The method of any one of claims 18 to 22, wherein the pre-filling of the financial account is by instructing sending a foreign exchange (FX) order to an FX bank for execution.

24. The method of claim 23, comprising determining a fixed FX rate based on an average of one or more mid rates determined at approximately the same time as the FX order is sent to the FX bank for execution, each mid rate being determined based on one corresponding bid and offer price pair for a currency pair of the FX order.

25. The method of claim 24, wherein each midrate is determined as an average of the corresponding bid and offer price pair.

26. The method of claim 24 or 25, comprising generating a fixed rate pricing sheet based on the fixed FX rate for offering to a client associated with the financial account.

27. The method of claim 26, comprising receiving a payment from the client in one currency of the currency pair of the FX order and enabling a withdrawal by the client from the financial account in the other currency of the currency pair.

28. The method of claim 27, wherein an amount of the payment is based on the amount of the withdrawal multiplied according to the fixed rate pricing sheet.

29. The method of any one of claims 18 to 28, wherein the forecast volume is determined based on historical data.

30. The method of claim 29, wherein the historical data is updated at the end of the current period based on actual volume data for the current period.

31. The method of claim 29 or 30, wherein the forecast volume is determined by time series analysis based on the historical data.

32. The method of claim 31, wherein the time series analysis comprises autoregressive integrated moving average (ARIMA) calculations.

33. The method of claim 31 or 32, wherein the time series analysis takes seasonal aspects into account.

34. The method of claim 33, wherein the seasonal aspects comprises one or more of a group consisting of weekdays, weekends, and holidays.