SUMMARY OF THE INVENTION

Embodiments of the present invention seek to provide an art to reduce a risk in currency trade.

Embodiments of the present invention provide a system comprising, an accepting unit accepting a specified value regarding a currency trade index at a time point when a set period has passed since a current time point; an obtaining unit periodically obtaining an indicative value of the currency trade index at the time point when the set period has passed since the current time point; and a tentative deciding unit tentatively deciding whether or not a currency trade is concluded at the indicative value based on the specified value accepted by the accepting unit and the specified value accepted by the accepting unit.

A first aspect of the present invention provides a system comprising:

a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value;

an indicative value obtaining unit which obtains an indicative value of a forward exchange market price;

an accepting unit which accepts a specified value of the forward exchange market price from a customer

as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining unit which obtains a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted by the accepting unit;

a tentative deciding unit which tentatively decides to conclude a currency trade with the customer at the specified value when the indicative value obtained by the indicative value obtaining unit reaches a proximity monitoring reference range which is defined based on the reference price obtained by the reference price obtaining unit and the proximity monitoring reference threshold value stored in the storage unit;

a confirming unit which confirms whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided by the tentative deciding unit to conclude the currency trade at the specified value with the customer; and

a concluding unit which concludes the cover deal at the price in accordance with the reference price, and concludes the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude by the tentative deciding unit when it is

confirmed that the conclusion of the cover deal is possible by the confirming unit.

A second aspect of the present invention provides an information processing device, comprising:

a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value;

an indicative value obtaining unit which obtains an indicative value of a forward exchange market price;

an accepting unit which accepts a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining unit which obtains a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted by the accepting unit;

a tentative deciding unit which tentatively decides to conclude a currency trade with the customer at the specified value when the indicative value obtained by the indicative value obtaining unit reaches a proximity monitoring reference range which is defined based on the reference price obtained by the reference price obtaining unit and the proximity

monitoring reference threshold value stored in the storage unit;

a confirming unit which confirms whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided by the tentative deciding unit to conclude the currency trade at the specified value with the customer; and

a concluding unit which concludes the cover deal at the price in accordance with the reference price, and concludes the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude by the tentative deciding unit when it is confirmed that the conclusion of the cover deal is possible by the confirming unit.

A third aspect of the present invention provides an information processing method executed by a system including a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value, the method comprising:

an indicative value obtaining step obtaining an indicative value of a forward exchange market price;

an accepting step accepting a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining step obtaining a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted at the accepting step;

a tentative deciding step tentatively deciding to conclude a currency trade with the customer at the specified value when the indicative value obtained at the indicative value obtaining step reaches a proximity monitoring reference range which is defined based on the reference price obtained at the reference price obtaining step and the proximity monitoring reference threshold value stored in the storage unit;

a confirming step confirming whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided at the tentative deciding step to conclude the currency trade at the specified value with the customer; and

a concluding step concluding the cover deal at the price in accordance with the reference price, and concluding the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude at the tentative deciding step when it is confirmed that the conclusion of the cover deal is possible at the confirming step.

A fourth aspect of the present invention provides an information processing method executed by an information processing device including a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value, the method comprising:

an indicative value obtaining step obtaining an indicative value of a forward exchange market price;

an accepting step accepting a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining step obtaining a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted at the accepting step;

a tentative deciding step tentatively deciding to conclude a currency trade with the customer at the specified value when the indicative value obtained at the indicative value obtaining step reaches a proximity monitoring reference range which is defined based on the reference price obtained at the reference price obtaining step and the proximity monitoring reference threshold value stored in the storage unit;

a confirming step confirming whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided at the tentative deciding step to conclude the currency trade at the specified value with the customer; and

a concluding step concluding the cover deal at the price in accordance with the reference price, and concluding the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude at the tentative deciding step when it is confirmed that the conclusion of the cover deal is possible at the confirming step.

A fifth aspect of the present invention provides a program product causing a computer including a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value to execute:

an indicative value obtaining step obtaining an indicative value of a forward exchange market price;

an accepting step accepting a specified value of the forward exchange market price from the customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining step obtaining a reference price to be a reference deciding whether or

not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted at the accepting step;

a tentative deciding step tentatively deciding to conclude a currency trade with the customer at the specified value when the indicative value obtained at the indicative value obtaining step reaches a proximity monitoring reference range which is defined based on the reference price obtained at the reference price obtaining step and the proximity monitoring reference threshold value stored in the storage unit;

a confirming step confirming whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided at the tentative deciding step to conclude the currency trade at the specified value with the customer; and

a concluding step concluding the cover deal at the price in accordance with the reference price, and concluding the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude at the tentative deciding step when it is confirmed that the conclusion of the cover deal is possible at the confirming step.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a diagram illustrating an example of a system configuration of an information processing system;

Fig. 2 is a diagram illustrating an example of a hardware configuration of a management server;

Fig. 3 is a diagram illustrating an example of a functional configuration of the management server;

Fig. 4 is a sequence diagram illustrating an example of processing of the information processing system;

WHAT IS CLAIMED IS:

1. A system comprising:

a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value;

an indicative value obtaining unit which obtains an indicative value of a forward exchange market price;

an accepting unit which accepts a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining unit which obtains a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted by the accepting unit;

a tentative deciding unit which tentatively decides to conclude a currency trade with the customer at the specified value when the indicative value obtained by the indicative value obtaining unit reaches a proximity monitoring reference range which is defined based on the reference price obtained by the reference price obtaining unit and the proximity monitoring reference threshold value stored in the storage unit;

a confirming unit which confirms whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the

currency trade when it is tentatively decided by the tentative deciding unit to conclude the currency trade at the specified value with the customer; and

a concluding unit which concludes the cover deal at the price in accordance with the reference price, and concludes the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude by the tentative deciding unit when it is confirmed that the conclusion of the cover deal is possible by the confirming unit.

2. The system according to claim 1,

wherein when the conclusion of the cover deal is confirmed to be impossible by the confirming unit, the tentative deciding unit tentatively decides whether or not the currency trade is concluded at a indicative value of the forward exchange market price which is newly obtained by the indicative value obtaining unit based on the specified value accepted by the accepting unit and the indicative value of the forward exchange market price which is newly obtained.

3. The system according to claim 1 or claim 2,

wherein when the number of times of consecutive confirmations by the confirming unit that the conclusion of the cover deal is impossible is a set threshold value or more, the tentative deciding unit further decides failure of the currency trade.

4. The system according to any one of claims 1 to 3,

wherein the accepting unit further includes an outputting unit which outputs information indicating that the specified value is a value generating loss of currency for the customer, when the specified value is the value generating the loss of currency for the customer.

5. The system according to any one of claims 1 to 3, further comprising:

an outputting unit which outputs information indicating that a difference between the specified value accepted by the accepting unit and the indicative value obtained by the indicative value obtaining unit is a set threshold value or more when the specified value is a value not generating loss of currency for the customer, and the difference between the specified value and the indicative value is the set threshold value or more.

6. The system according to any one of claims 1 to 5, further comprising:

a display controlling unit which displays a specification screen used for specifying an expiration date of a transaction on a display part,

wherein the tentative deciding unit further decides failure of the currency trade when the currency trade is not concluded within the expiration date of the transaction specified based on an operation by a user

via the specification screen displayed by the display controlling unit.

7. An information processing device, comprising:

a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value;

an indicative value obtaining unit which obtains an indicative value of a forward exchange market price;

an accepting unit which accepts a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining unit which obtains a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted by the accepting unit;

a tentative deciding unit which tentatively decides to conclude a currency trade with the customer at the specified value when the indicative value obtained by the indicative value obtaining unit reaches a proximity monitoring reference range which is defined based on the reference price obtained by the reference price obtaining unit and the proximity monitoring reference threshold value stored in the storage unit;

a confirming unit which confirms whether or not a conclusion of a cover deal at a price in accordance

with the reference price is possible regarding the currency trade when it is tentatively decided by the tentative deciding unit to conclude the currency trade at the specified value with the customer; and

a concluding unit which concludes the cover deal at the price in accordance with the reference price, and concludes the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude by the tentative deciding unit when it is confirmed that the conclusion of the cover deal is possible by the confirming unit.

8. An information processing method executed by a system including a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value, the method comprising:

an indicative value obtaining step obtaining an indicative value of a forward exchange market price;

an accepting step accepting a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining step obtaining a reference price to be a reference deciding whether or not a transaction is carried out based on the

preferential range stored in the storage unit and the specified value accepted at the accepting step;

a tentative deciding step tentatively deciding to conclude a currency trade with the customer at the specified value when the indicative value obtained at the indicative value obtaining step reaches a proximity monitoring reference range which is defined based on the reference price obtained at the reference price obtaining step and the proximity monitoring reference threshold value stored in the storage unit;

a confirming step confirming whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided at the tentative deciding step to conclude the currency trade at the specified value with the customer; and

a concluding step concluding the cover deal at the price in accordance with the reference price, and concluding the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude at the tentative deciding step when it is confirmed that the conclusion of the cover deal is possible at the confirming step.

9. An information processing method executed by an information processing device including a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and

a proximity monitoring reference threshold value, the method comprising:

an indicative value obtaining step obtaining an indicative value of a forward exchange market price;

an accepting step accepting a specified value of the forward exchange market price from a customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining step obtaining a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted at the accepting step;

a tentative deciding step tentatively deciding to conclude a currency trade with the customer at the specified value when the indicative value obtained at the indicative value obtaining step reaches a proximity monitoring reference range which is defined based on the reference price obtained at the reference price obtaining step and the proximity monitoring reference threshold value stored in the storage unit;

a confirming step confirming whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided at the tentative deciding step to conclude the currency trade at the specified value with the customer; and

a concluding step concluding the cover deal at the price in accordance with the reference price, and concluding the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude at the tentative deciding step when it is confirmed that the conclusion of the cover deal is possible at the confirming step.

10. A program product causing a computer including a storage unit which stores a preferential range regarding a currency trade with a customer in a foreign exchange trade, and a proximity monitoring reference threshold value to execute:

an indicative value obtaining step obtaining an indicative value of a forward exchange market price;

an accepting step accepting a specified value of the forward exchange market price from the customer as a limit price of a leave order in the foreign exchange trade;

a reference price obtaining step obtaining a reference price to be a reference deciding whether or not a transaction is carried out based on the preferential range stored in the storage unit and the specified value accepted at the accepting step;

a tentative deciding step tentatively deciding to conclude a currency trade with the customer at the specified value when the indicative value obtained at the indicative value obtaining step reaches a proximity

monitoring reference range which is defined based on the reference price obtained at the reference price obtaining step and the proximity monitoring reference threshold value stored in the storage unit;

a confirming step confirming whether or not a conclusion of a cover deal at a price in accordance with the reference price is possible regarding the currency trade when it is tentatively decided at the tentative deciding step to conclude the currency trade at the specified value with the customer; and

a concluding step concluding the cover deal at the price in accordance with the reference price, and concluding the currency trade with the customer at the specified value of the forward exchange market price from the customer which is tentatively decided to conclude at the tentative deciding step when it is confirmed that the conclusion of the cover deal is possible at the confirming step.