Claims

1. An electronic system for a user to withdraw cash from an automated teller machine (ATM) operated by an acquirer financial institution, the user having a financial account with an issuer financial institution, the system comprising an intermediary server communicatively linked to an issuer server of the issuer financial institution and an acquirer server of the acquirer financial institution, the intermediary server configured for performing a transaction process comprising:

communicating, to the issuer server and the acquirer server, a withdrawal request made by the user at the ATM, the withdrawal request comprising a requested quantum defined by the user;

determining, by the issuer server, an account balance in the financial account;

determining, by the issuer server, a withdrawable quantum deductible from the financial account based on the withdrawal request and the account balance, the withdrawable quantum being a lower of the requested quantum and the account balance;

communicating the withdrawable quantum from the issuer server to the acquirer server;

determining, by the acquirer server, available cash in the ATM; and

determining, by the acquirer server, a cash quantum dispensable from the ATM based on the withdrawable quantum and available cash, the dispensable cash quantum being a lower of the withdrawable quantum and the available cash.

2. The system according to claim 1, wherein the requested quantum is updatable based on the available cash before communicating the withdrawal request to the issuer server, such that the updated requested quantum and the available cash are equal.

3. The system according to claim 1, wherein the withdrawal request comprises an automatic request for substantially expending the financial account, such that the withdrawable quantum is substantially all of the account balance.

4. The system according to any one of claims 1 to 3, the transaction process further comprising determining, by the acquirer server, available denominations of the available cash, wherein the withdrawable quantum is lower than the available cash.

5. The system according to claim 4, the transaction process further comprising determining, by the acquirer server, a combination of the available denominations such that an aggregated quantum of the combination is maximized towards the withdrawable quantum, wherein the dispensable cash quantum is the aggregated quantum.

6. The system according to any one of claims 1 to 5, the transaction process further comprising dispensing the dispensable cash quantum in response to a user confirmation input at the ATM.

7. A computerized method for a user to withdraw cash from an automated teller machine (ATM) operated by an acquirer financial institution, the user having a financial account with an issuer financial institution, the method performed by an intermediary server, the method comprising:

communicating a withdrawal request made by the user at the ATM to an issuer server of an issuer financial institution and an acquirer server of an acquirer financial institution, the withdrawal request comprising a requested quantum defined by the user, the user having a financial account with the issuer financial institution and the ATM operated by the acquirer financial institution;

determining, by the issuer server, an account balance in the financial account;

determining, by the issuer server, a withdrawable quantum deductible from the financial account based on the withdrawal request and the account balance, the withdrawable quantum being a lower of the requested quantum and the account balance;

communicating the withdrawable quantum from the issuer server to the acquirer server;

determining, by the acquirer server, available cash in the ATM; and

determining, by the acquirer server, a cash quantum dispensable from the ATM based on the withdrawable quantum and available cash, the dispensable cash quantum being a lower of the withdrawable quantum and the available cash.

8. The method according to claim 7, further comprising updating the requested quantum based on the available cash before communicating the withdrawal request to the issuer server, such that the updated requested quantum and the available cash are equal.

9. The method according to claim 7, wherein the withdrawal request comprises an automatic request for substantially expending the financial account, such that the withdrawable quantum is substantially all of the account balance.

10. The method according to any one of claims 7 to 9, further comprising determining, by the acquirer server, available denominations of the available cash, wherein the withdrawable quantum is lower than the available cash.

11. The method according to claim 10, further comprising determining, by the acquirer server, a combination of the available denominations such that an aggregated quantum of the combination is maximized towards the withdrawable quantum, wherein the dispensable cash quantum is the aggregated quantum.

12. An automated teller machine (ATM) comprising:

one or more input devices for generating a withdrawal request made by a user; and

a processor operative for performing a transaction process comprising:

communicating the withdrawal request to an issuer server of an issuer financial institution and an acquirer server of an acquirer financial institution, the withdrawal request comprising a requested

quantum defined by the user, the user having a financial account with the issuer financial institution and the ATM operated by the acquirer financial institution; and

receiving, from the acquirer server, details of a cash quantum dispensable from the ATM,

wherein the dispensable cash quantum is determined based on available cash in the ATM and a withdrawable quantum deductible from a financial account of the user, the dispensable cash quantum being a lower of the withdrawable quantum and the available cash; and

wherein the withdrawable quantum is determined by the issuer server based on the withdrawal request and an account balance in the financial account, the withdrawable quantum being a lower of the requested quantum and the account balance.

13. The ATM according to claim 12, wherein the processor is further operative for updating the requested quantum based on the available cash before communicating the withdrawal request to the issuer server, such that the updated requested quantum and the available cash are equal.

14. The ATM according to claim 12, wherein the processor is further operative for automatically generating a request for substantially expending the financial account, such that the withdrawable quantum is substantially all of the account balance.

15. The ATM according to any one of claims 12 to 14, further comprising a screen for displaying details of the dispensable cash quantum.

16. The ATM according to any one of claims 12 to 15, further comprising a dispensing mechanism for dispensing the dispensable cash quantum in response to a user confirmation input with the input devices.

17. The ATM according to any one of claims 12 to 16, wherein the processor is further operative for communicating, to the acquirer server, details of available denominations of the available cash.

18. The ATM according to claim 17, wherein the dispensable cash quantum is dispensable in a combination of the available denominations such that an aggregated quantum of the combination is maximized towards the withdrawable quantum, wherein the dispensable cash quantum is the aggregated quantum.

19. An electronic system for a user to withdraw cash from an automated teller machine (ATM) operated by an acquirer financial institution, the system comprising an acquirer server of the acquirer financial institution, the acquirer server configured for performing a transaction process comprising:

receiving a withdrawal request made by the user at the ATM, the withdrawal request comprising a requested quantum defined by the user;

communicating the withdrawal request to an issuer server of an issuer financial institution, the user having a financial account with the issuer financial institution;

receiving a withdrawable quantum from the issuer server, the withdrawable quantum deductible from the financial account based on the withdrawal request and an account balance in the financial account, the withdrawable quantum being a lower of the requested quantum and the account balance;

determining, by the acquirer server, available cash in the ATM; and

determining a cash quantum dispensable from the ATM based on the withdrawable quantum and the available cash, the dispensable cash quantum being a lower of the withdrawable quantum and the available cash.