CLAIMS

1. A method for processing a point to point payment transaction, comprising:

receiving, by a receiving device of a processing system, a plurality of first transaction messages related to a plurality of payment transactions, wherein each first transaction message is formatted pursuant to a standard and includes at least a plurality of data elements including at least a first data element configured to store one of a plurality of different transaction amounts, a second data element configured to store one of a plurality of primary account numbers, and a third data element configured to store one of a plurality of recipient account numbers, wherein the plurality of primary account_numbers are associated with a common bank identification number;

generating, by a generation module of the processing system, a second transaction message related to the plurality of payment transactions, wherein the second transaction message is formatted pursuant to a standard and includes at least a plurality of data elements including a first data element configured to store a payment amount, the payment amount being an aggregation of the plurality of different transaction amounts;

electronically transmitting, by a transmitting device of the processing system, the second transaction message to a first financial institution associated with the common bank identification number and a plurality of transaction accounts related to the plurality of primary account numbers;

determining, by a determination module of the processing system, receipt of a currency amount equivalent to the payment amount from the first financial institution;

generating, by the generation module of the processing system, a third transaction message related to the payment transaction, wherein the third transaction message is formatted pursuant to a standard and includes at least a plurality of data elements including a first data element configured to store a settlement amount and a second data element configured to store one of the plurality of recipient account numbers, the settlement amount being based on at least one of the plurality of different transaction amounts; and

electronically transmitting, by the transmitting device of the processing system, the third transaction message to a second financial institution associated with a transaction account related to the one of the plurality of recipient account numbers, wherein

the plurality of first transaction messages are formatted pursuant to the ISO 8583 standard; and

the second transaction message and third transaction message are formatted pursuant to the ISO 20022 standard, and

wherein the generating the second transaction message includes converting one of the plurality of first transaction messages to the second transaction message based on correspondences between the ISO 8583 standard and the ISO 20022 standard.

2. The method of claim 1, wherein the plurality of first transaction messages, second transaction message, and third transaction message are formatted pursuant to the ISO 8583 standard.

3. The method of claim 1, wherein the settlement amount is equivalent to one of the plurality of different transaction amounts.

4. The method of claim 1, wherein the primary account number and each of the plurality of account numbers are associated with the same transaction account.

5. The method of claim 1, further comprising:

receiving, by the receiving device of the processing system, one or more additional transaction messages, wherein each additional transaction message is related to an additional payment transaction and includes a plurality of data elements including at least a second data element configured to store a different transaction amount and a third data element configured to store one of a plurality of account numbers, wherein

the settlement amount is an aggregation of the different transaction amount stored in the second data element included in each additional transaction message, and

the recipient account number and each of the plurality of account numbers includes a second common bank identification number or issuer identification number.

6. The method of claim 5, wherein the recipient account number and each of the plurality of account numbers are associated with the same transaction account.

7. The method of claim 5, wherein the second common bank identification number or issuer identification number are associated with the second financial institution.

8. The method of claim 1, further comprising:

generating, by a generation module of the processing system, a fourth transaction message related to the payment transaction, wherein the fourth transaction message is formatted pursuant to a standard and includes a plurality of data elements including at least a

first data element configured to store the transaction amount and a second data element configured to store the recipient account number; and

electronically transmitting, by a transmitting device of the processing system, the fourth transaction message.

9. The method of claim 8, wherein the fourth transaction message is electronically transmitted to the second financial institution.

10. The method of claim 8, wherein the first transaction message is received from and the fourth transaction message is electronically transmitted to a third party system.

11. The method of claim 8, wherein the fourth transaction message is formatted pursuant to the ISO 8583 standard.

12. The method of claim 1, wherein

the processing system includes a first computing device and a second computing device,

the first computing device includes the receiving device, and

the second computing device includes the generation module, determination module, and the transmitting device.

13. The method of claim 12, further comprising:

generating, by a generation module of the first computing device of the processing system, a data signal superimposed with at least the payment amount;

electronically transmitting, by a transmitting device of the first computing device of the processing system, the generated data signal to the second computing device; and

receiving, by a receiving device of the second computing device of the processing system, the data signal.

14. A system for processing a point to point payment transaction, comprising:

a receiving device of a processing system configured to receive a plurality of first transaction messages related to a plurality of payment transactions, wherein each first transaction message is formatted pursuant to a standard and includes at least a plurality of data elements including at least a first data element configured to store one of a plurality of different

transaction amounts, a second data element configured to store one of a plurality of primary account numbers, and a third data element configured to store one of a plurality of recipient account numbers, wherein the plurality of primary account numbers are associated with a common bank identifier;

a generation module of the processing system configured to generate a second transaction message related to the plurality of payment transactions, wherein the second transaction message is formatted pursuant to a standard and includes at least a plurality of data elements including a first data element configured to store a payment amount, the payment amount being an aggregation of the plurality of different transaction amounts;

a transmitting device of the processing system configured to electronically transmit the second transaction message to a first financial institution associated with the common bank identification number and a plurality of transaction accounts related to the plurality of primary account numbers; and

a determination module of the processing system determined to confirm receipt of a currency amount equivalent to the payment amount from the first financial institution, wherein

the generation module of the processing system is further configured to generate a third transaction message related to the payment transaction, wherein the third transaction message is formatted pursuant to a standard and includes at least a plurality of data elements including a first data element configured to store a settlement amount and a second data element configured to store one of the plurality of recipient account numbers, the settlement amount being based on at least one of the plurality of different transaction amounts, and

the transmitting device of the processing system is further configured to electronically transmit the third transaction message to a second financial institution associated with a transaction account related to the one of the plurality of recipient account numbers, wherein

the plurality of first transaction messages are formatted pursuant to the ISO 8583 standard; and

the second transaction message and third transaction message are formatted pursuant to the ISO 20022 standard, and

wherein the generating the second transaction message includes converting one of the plurality of first transaction messages to the second transaction message based on correspondences between the ISO 8583 standard and the ISO 20022 standard.

15. The system of claim 14, wherein the plurality of first transaction messages, second transaction message, and third transaction message are formatted pursuant to the ISO 8583 standard.

16. The system of claim 14, wherein the settlement amount is equivalent to one of the plurality of different transaction amounts.

17. The system of claim 14, wherein the primary account number and each of the plurality of account numbers are associated with the same transaction account.

18. The system of claim 14, wherein

the receiving device of the processing system is further configured to receive one or more additional transaction messages, wherein each additional transaction message is related to an additional payment transaction and includes a plurality of data elements including at least a second data element configured to store a different transaction amount and a third data element configured to store one of a plurality of account numbers,

the settlement amount is an aggregation of the different transaction amount stored in the second data element included in each additional transaction message, and

the recipient account number and each of the plurality of account numbers includes a second common bank identification number or issuer identification number.

19. The system of claim 18, wherein the recipient account number and each of the plurality of account numbers are associated with the same transaction account.

20. The system of claim 18, wherein the second common bank identification number or issuer identification number are associated with the second financial institution.

21. The system of claim 14, further comprising:

a generation module of the processing system configured to generate a fourth transaction message related to the payment transaction, wherein the fourth transaction message is formatted pursuant to a standard and includes a plurality of data elements including at least a first data element configured to store the transaction amount and a second data element configured to store the recipient account number; and

a transmitting device of the processing system configured to electronically transmit the fourth transaction message.

22. The system of claim 21, wherein the fourth transaction message is electronically transmitted to the second financial institution.

23. The system of claim 21, wherein the first transaction message is received from and the fourth transaction message is electronically transmitted to a third party system.

24. The system of claim 21, wherein the fourth transaction message is formatted pursuant to the ISO 8583 standard.

25. The system of claim 14, wherein

the processing system includes a first computing device and a second computing device,

the first computing device includes the receiving device, and

the second computing device includes the generation module, determination module, and the transmitting device.

26. The system of claim 25, further comprising:

a generation module of the first computing device of the processing system configured to generate a data signal superimposed with at least the payment amount;

a transmitting device of the first computing device of the processing system configured to electronically transmit the generated data signal to the second computing device; and

a receiving device of the second computing device of the processing system configured to receive the data signal.