# Erste eBiz

## International payments

(Import-export file formats)

# Contents

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## 1. Payment orders

One file (*.txt) can contain any number of accounts. Each row contains a record of one order. Table 1 shows the structure of order records:

| No. | Field | Beginning | Length | Mandatory | Note |
|---|---|---|---|---|---|
| 1. | Unique ID of order | 1 | 16 | | It is not taken into account when importing. |
| 2. | Registration number of client's bank | 17 | 11 | | It is mostly empty. |
| 3. | Registration no. of Client's bank | 28 | 13 | | It is not taken into account when importing. If it is entered, it is replaced by the registration number of the user registered in Hal E-Bank. |
| 4. | Operation type (70) | 41 | 2 | * | A fixed field with the following text (without quotes): "70". |
| 5. | Job operation Designation | 43 | 1 | * | Number from the codebook of payment instruments (from 1 to 6). |
| 6. | Designation of the responsible officer | 44 | 10 | | It's mostly empty. |
| 7. | Reference designation | 54 | 15 | | A maximum of 10 characters can be entered. |
| 8. | Method of execution | 69 | 20 | | Free text (Cheques, Payment, per diems) |
| 9. | Method of execution | 89 | 2 | | Number (0 – Cheques, 1 - Payment, 2 - Per diems) |
| 10. | Account of payee | 91 | 34 | * | |
| 11. | Name of payee | 125 | 35 | * | |
| 12. | Payee's address: | 160 | 35 | * | |
| 13. | Place of payee | 195 | 35 | * | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 14. | State of payee: | 230 | 35 | * | State name from NBS country codebook - ISO 3166 | |
| 15. | State code | 265 | 3 | * | State Code from NBS country codebook - ISO 3166(e.g., 688 – Serbia, 705 Slovenia...) | |
| 16. | Payee's Bank: | 268 | 35 | * | | |
| 17. | Payee's bank address: | 303 | 35 | | | |
| 18. | Place of Payee's bank: | 338 | 35 | * | | |
| 19. | State of Payee's bank: | 373 | 35 | * | State name from NBS country codebook - ISO 3166 | |
| 20. | BIC of the payee's bank: | 408 | 11 | * | | |
| 21. | Bank code of recipient's bank: | 419 | 3 | * | State Code from NBS country codebook - ISO 3166(e.g., 688 – Serbia, 705 - Slovenia...) | |
| 22. | Currency code | 422 | 3 | | Currencies Code from NBS currency codebook - ISO 4127(e.g., 941 – RSD, 978 - EUR...) | |
| 23. | Currency designation | 425 | 3 | * | (say: NBS currency codebook - ISO 4127(e.g.  RSD – Serbia, EUR ...) | |
| 24. | Amount | 428 | 17 | * | Left aligned (decimal separator is ",") | |
| 25. | Payment Objective 1 | 445 | 35 | * | The first field is mandatory (the second, third and fourth are optional) for the purpose of payment. | |
| 26. | Purpose of payment 2 | 480 | 35 | | Mandatory field, if the previous one (Purpose of payment 1) is empty | |
| 27. | Purpose of payment 3 | 515 | 35 | | Continuation of the previous field | |
| 28. | Purpose of payment 4 | 550 | 35 | | Continuation of the previous field | |
| 29. | Domestic commission | 585 | 1 | * | "N"- principal, "U"- payee | Cost sharing combinations: NN: OUR (our) NU: SHA (shared) UU: BEN (payee) |
| 30. | Foreign commission | 586 | 1 | * | "N"- principal, "U"- payee | |
| 31. | Special instruction 1 | 587 | 35 | | Additional data | |

| | | | | | |
|---|---|---|---|---|---|
| 32. | Special instruction 2 | 622 | 35 | | Additional data |
| 33. | Base code | 657 | 3 | | A fixed field with the following text (without quotes): "000" |
| 34. | Year and registration number of loan | 660 | 11 | | Format gggg-bbbbbb (gggg – loan year, bbbbbb – 1 to 6 characters of the loan number). If the year and number are not given, the field remains blank throughout. |
| 35. | Description of the base | 671 | 70 | * | A fixed field with the following text (without quotes):<br>" REG. BROJ KREDITA I GODINA KREDITA-X" (X is a number from 1-7, it corresponds to the number of special marks from the statistical report). If there is no special mark, the "X" is omitted. |

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|---|---|---|---|---|---|
| 36. | Amount | 741 | 17 | | A fixed field with the following text (without quotes): "0.00" |
| 37. | Statistics: base code  1 | 758 | 3 | * | Mandatory basis code from the basis codebook, if the amount is non-zero |
| 38. | Statistics: year and number of (proforma) invoice 1 | 761 | 35 | | Format gggg-bbbbbbbbbbbbbbbbbbbbbbbbbbbbbb<br>gggg – year of proforma(invoice) – 4N<br>bbbbbbbbbbbbbbbbbbbbbbbbbbbbbb – number of pro(invoice) – 30AN<br> If the year and number of credits are not given, the field remains empty throughout. |
| 39. | Statistics: description of the base | 796 | 70 | * | Mandatory basis description from the basis codebook if the amount is non-zero |
| 40. | Statistics: amount 1 | 866 | 17 | * | The Amount may also be opposite. |
| 41. | Statistics: base code 2 | 883 | 3 | | |
| 42. | Statistics: year and number of (proforma) invoice 2 | 886 | 35 | | Same as for statistics 1, applies to all remaining statistics items! Total value of statistics items must be equal to the value of the amount field (24), otherwise the entry is invalid! |
| 43. | Statistics: description of basis 2 | 921 | 70 | | |
| 44. | Statistics: amount | 991 | 17 | | |

| | | | | |
|---|---|---|---|---|
| | 2 | | | |
| 45. | Statistics: base code  3 | 1008 | 3 | |
| 46. | Statistics: year and number (proforma) invoice 3 | 1011 | 35 | Same as for statistics 1, applies to all remaining statistics items! Total value of statistics items must be equal to the value of the amount field (24), otherwise the entry is invalid! |
| 47. | Statistics: description of base 3 | 1046 | 70 | |
| 48. | Statistics: amount 3 | 1116 | 17 | |
| 49. | Statistics: base code  4 | 1133 | 3 | Same as for statistics 1, applies to all remaining statistics items! Total value of statistics items must be equal to the value of the amount field (24), otherwise the entry is invalid! |
| 50. | Statistics: year and number of (proforma) invoice 4 | 1136 | 35 | |

| | | | | |
|---|---|---|---|---|
| 51. | Statistics: description of the base 4 | 1171 | 70 | |
| 52. | Statistics: amount 4 | 1241 | 17 | |
| 53. | Statistics: base code  5 | 1258 | 3 | |
| 54. | Statistics: year and number (proforma) invoice 5 | 1261 | 35 | Same as for statistics 1, applies to all remaining statistics items! Total value of statistics items must be equal to the value of the amount field (24), otherwise the entry is invalid! |
| 55. | Statistics: Description of the base 5 | 1296 | 70 | |
| 56. | Statistics: amount 5 | 1366 | 17 | |

| | | | | | |
|---|---|---|---|---|---|
| 57. | Statistics: base code  6 | 1383 | 3 | | |
| 58. | Statistics: year and number of (proforma) invoice 6 | 1386 | 35 | | Same as for statistics 1, applies to all remaining statistics items! Total value of statistics items must be equal to the value of the amount field (24), otherwise the entry is invalid! |
| 59. | Statistics: description of the base 6 | 1421 | 70 | | |
| 60. | Statistics amount 6 | 1491 | 17 | | |
| 61. | Statistics: code of the base 7 | 1508 | 3 | | |
| 62. | Statistics: year and number of (proforma) invoice 7 | 1511 | 35 | | Same as for statistics 1, applies to all remaining statistics items! Total value of statistics items must be equal to the value of the amount field (24), otherwise the entry is invalid! |
| 63. | Statistics: description of the base 7 | 1546 | 70 | | |
| 64. | Statistics: amount 7 | 1616 | 17 | | |
| 65. | Account of YUM Cover: | 1633 | 10 | | Not used |
| 66. | Amount of YUM Cover: | 1643 | 17 | | |
| 67. | Foreign exchange cover account | 1660 | 10 | | |
| 68. | Currency code of foreign exchange cover: | 1670 | 3 | * | This field is required if the cover currency is foreign exchange. Currencies Code from NBS currency codebook - ISO 4127(e.g., 941 – RSD, 978 - EUR…) |
| 69. | Currency symbol of foreign exchange cover: | 1673 | 3 | * | This field is required if the cover currency is foreign exchange. Designation (letter) from the NBS currency codebook NBS currency codebook- ISO 4127 (e.g., RSD – Serbia, EUR - euro…) |

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|---|---|---|---|---|---|
| 70. | Cover status | 1676 | 1 | | |
| 71. | Commission amount | 1677 | 17 | | Left aligned (decimal separator is ","). The default value is "0.00". |
| 72. | Name of the Intermediary bank | 1694 | 70 | | |
| 73. | BIC of the Intermediary bank | 1764 | 11 | | |
| 74. | Account number of Intermediary bank | 1775 | 35 | | |
| 75. | Intermediary bank Address | 1810 | 35 | | |
| 76. | Place of Intermediary bank | 1845 | 35 | | |
| 77. | Intermediary Bank Country code | 1880 | 3 | | State Code from NBS country codebook - ISO 3166 (e.g., 688 – Serbia, 705 - Slovenia…) |
| 78. | State name of Intermediary bank | 1883 | 35 | | State name from NBS country codebook - ISO 3166 |
| 79. | Value Date | 1918 | 8 | | Format ggggmmdd |
| 80. | End of row | 1926 | 2 | * | carriage return, line feed |

Table 1: Payment order file format specification VP 70

## 2. Payment orders including support for sub-accounts

Some banks support the entry of sub-account cover in payment orders. Single file can contain any number of orders. Each row contains a record of one order, including sub-account coverage. The structure of the order record is the same as that of the payment order without sub-accounts (see Table 1 - excluding line 80), whereby additional fields are extended in accordance with the specification shown in Table 2:

| No. | Field | Beginning | Length | Mandatory | Note |
|---|---|---|---|---|---|
| 80. | Sub-account: account number 1 | 1926 | 10 | * | |

| 81. | Sub-account: account currency code 1 | 1936 | 3 | * | (say: NBS currency codebook - ISO 4127(e.g., RSD – Serbia, EUR - euro…) |
|---|---|---|---|---|---|
| 82. | Sub-account: Client type 1 | 1939 | 3 | | Not used |
| 83. | Sub-account: account amount 1 | 1942 | 17 | * | Left aligned (decimal separator is ","). The default value is "0.00". |
| 84. | Sub-account: account number 2 | 1959 | 10 | | Same as for statistics 1, applies to all remaining statistics items! |
| 85. | Sub-account: account currency code 2 | 1969 | 3 | | |
| 86. | Sub-account: Client type 2 | 1972 | 3 | | |
| 87. | Sub-account: account amount 2 | 1975 | 17 | | |
| 88. | Sub-account: account number 3 | 1992 | 10 | | Same as for statistics 1, applies to all remaining statistics items! |
| 89. | Sub-account: account currency code 3 | 2002 | 3 | | |
| 90. | Sub-account: Client type 3 | 2005 | 3 | | |
| 91. | Sub-account: account amount 3 | 2008 | 17 | | |
| 92. | Sub-account: account number 4 | 2025 | 10 | | Same as for statistics 1, applies to all remaining statistics items! |
| 93. | Sub-account: account currency code 4 | 2035 | 3 | | |
| 94. | Sub-account: Client type 4 | 2038 | 3 | | |
| 95. | Sub-account: account amount 4 | 2041 | 17 | | |
| 96. | Sub-account: account number 5 | 2058 | 10 | | Same as for statistics 1, applies to all remaining statistics items! |
| 97. | Sub-account: account currency code 5 | 2068 | 3 | | |

| 98. | Sub-account: Client type 5 | 2071 | 3 | | |
|---|---|---|---|---|---|
| 99. | Sub-account: account amount 5 | 2074 | 17 | | |
| 100. | Sub-account: account number 6 | 2091 | 10 | | Same as for statistics 1, applies to all remaining statistics items! |
| 101. | Sub-account: account currency code 6 | 2101 | 3 | | |
| 102. | Sub-account: Client type 6 | 2104 | 3 | | |
| 103. | Sub-account: account amount 6 | 2107 | 17 | | |
| 104. | Sub-account: account number 7 | 2124 | 10 | | |
| 105. | Sub-account: account currency code 7 | 2134 | 3 | | Same as for statistics 1, applies to all remaining statistics items! |
| 106. | Sub-account: Client type 7 | 2137 | 3 | | |
| 107. | Sub-account: account amount 7 | 2140 | 17 | | |
| 108. | Sub-account: account number 8 | 2157 | 10 | | |
| 109. | Sub-account: account currency code 8 | 2167 | 3 | | Same as for statistics 1, applies to all remaining statistics items! |
| 110. | Sub-account: Client type 8 | 2170 | 3 | | |
| 111. | Sub-account: account amount 8 | 2173 | 17 | | |
| 112. | Sub-account: account number 9 | 2190 | 10 | | |
| 113. | Sub-account: account currency code 9 | 2200 | 3 | | Same as for statistics 1, applies to all remaining statistics items! |
| 114. | Sub-account: Client type 9 | 2203 | 3 | | |
| 115. | Sub-account: account amount 9 | 2206 | 17 | | |
| 116. | Sub-account: account number 10 | 2223 | 10 | | |
| 117. | Sub-account: account currency code 10 | 2233 | 3 | | Same as for statistics 1, applies to all remaining statistics items! |
| 118. | Sub-account: Client type 10 | 2236 | 3 | | |
| 119. | Sub-account: account amount 10 | 2239 | 17 | | |
| 120. | End of row | 2256 | 2 | * | 0x0D, 0x0A (line feed, carriage return) |

Table 2: Extension of the VP 70 payment order file format specification with support for sub-accounts

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# 3. Collection

Collection data can only be exported in the Erste eBiz system. Each collection corresponds to one row in the exported file. Table 3 shows the structure of collection records:

| No. | Field | Beginning | Length | Note |
|-----|-------|-----------|--------|------|
| 1. | Bank reference | 1 | 12 | |
| 2. | Payer's country code | 13 | 3 | State Code from NBS country codebook - ISO 3166(e.g. 688 – Serbia, 705-Slovenia...) |
| 3. | BIC of the payer's bank | 16 | 11 | |
| 5. | Name of payer's bank | 27 | 35 | |
| 5. | Name of payer | 62 | 35 | |
| 6. | Purpose of Collection 1 | 97 | 35 | |
| 7. | Purpose of payment 2 | 132 | 35 | |
| 8. | Currency designation | 167 | 3 | (say: NBS currency codebook - ISO 4127(e.g., RSD – Serbia, EUR - Euro...) |
| 9. | Amount | 170 | 15 | Left aligned (decimal separator is ","). The default value is "0.00". |
| 10. | Billing date | 185 | 8 | ggggmmdd (e.g., 20210123) |
| 11. | Original billing amount | 193 | 35 | |
| 12. | End of row | 228 | 2 | 0x0D, 0x0A (line feed, carriage return) |

Table 3: Billing File Format Specification

# 4. Exchange rate list

The export rows of the exchange rate list file consist of:

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- Exchange rate list header record - this is the first row
- Exchange rate  records - each exchange rate record constitutes a row in the file.

| No. | Field | Beginning | Length | Note |
|---|---|---|---|---|
| 1. | Serial number of the NBS exchange rate list | 1 | 3 | |
| 2. | Value Date | 4 | 8 | Format ggggmmdd (e.g., 20030108) |
| 3. | Value Date | 12 | 8 | Format ggggmmdd |
| 4. | End of row | 20 | 2 | 0x0D, 0x0A (line feed, carriage return) |

Table 4: Course List Header Format Specification (First row in File)

| No. | Field | Beginning | Length | Note |
|---|---|---|---|---|
| 1. | Currency designation | 1 | 3 | |
| 2. | Currency code | 4 | 3 | |
| 3. | Number of units | 7 | 3 | 1 or 100 |
| 4. | Buying rate BS | 10 | 11 | Leading 0 |
| 5. | Middle exchange rate of the NBS | 21 | 11 | Leading 0 |
| 6. | BS selling exchange rate | 32 | 11 | Leading 0 |
| 7. | The bank's buying rate | 43 | 11 | Leading 0 |
| 8. | Selling exchange rate of the bank | 54 | 11 | Leading 0 |
| 9. | End of row | 65 | 2 | 0x0D, 0x0A (line feed, carriage return) |

Table 5: Format specification of exchange rate list items (other lines in the file)

## 5.    Directory of users and their accounts

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The file contains information about a business partner and one of its accounts in each row. An example of a text file line for entering a business partner directory is shown in the box. (There is one line in the frame, which is displayed in several lines due to its large width):

```
"TESTNI KORISNIK","ADRESA TESTNOG KORISNIKA","1234356 MESTO TESTNOG KORISNIKA","SRBIJA","NAPOMENA TESTNOG
KORISNIKA","999-000000000001315","DEMO BANKA","BEOGRADSKA 39","11000
BEOGRAD","SRBIJA","RS","","DEMORSBG","00123456","908-000000009990999",0,"","102193722",""
```

Line format description:

- Each record contains 18 fields / columns,
- The content of each field is enclosed between two quotation marks except for field 16,
- Delimiters between fields are commas,
- Empty fields are represented by two consecutive quotation marks (""),
- Key information fields must not be empty,
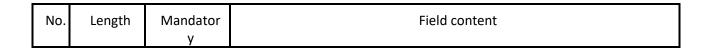- The line ends with the character 0x0D and 0x0A (Hexadecimal: Carriage Return and Line Feed).

Notes:

- A double quotation mark inside a field represents the entry of a single quotation mark. Thus, for example, """Erste A.D." is imported as 'Erste A.D."

- The data are divided into three groups in accordance with their content: fields 1 to 5 and 16 to 18 contain data on the business partner, fields 6 and 14 contain data on account and model and call, and fields 7 to 13 and field 15 data on the Bank with which the account was opened.

    When importing domestic accounts, bank data are replaced by data from the bank directory. The only permitted characters in fields 6 and 13 are digits from 0 to 9 and dash -.
- The directory data model is organized in such a way as to enable the presentation of data on creditor accounts with foreign banks, which Erste eBiz does not use for domestic payment transactions.
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*Table 6* shows importance and maximum allowed length of the field. If field 6 (account number) is empty, only payee data is entered in the directory.

| No. | Length | Mandatory | Field content |
|-----|--------|-----------|---------------|
| | | | |

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|---|---|---|---|
| 1. | 35 | * | Business partner name |
| 2. | 35 | | Business partner address |
| 3. | 35 | * | Postal code and place of business partner |
| 4. | 35 | * | Business partner Country |
| 5. | 140 | | Note on business partner |
| 6. | 34 | | Business partner account number 999- 000000000052434) |
| 7. | 35 | | Name of the bank with which the account was opened |
| 8. | 35 | | Address of the bank where the account is opened |
| 9. | 35 | | Zip code and place of the bank with which the account was opened |
| 10. | 35 | | Country of the bank with which the account was opened |
| 11. | 2 | | State Code from NBS country codebook - ISO 3166 (e.g., RS, HR, DE...) |
| 12. | 140 | | Note of the bank with which the account was opened |
| 13. | 11 | | BIC Code of the bank with which the account was opened |
| 14. | 24 | | Model (first two characters) and reference to the account number |
| 15. | 35 | | Bank account number with NBS |
| 16. | 1 | * | User type (always 0). This field is entered without quotation marks! |
| 17. | 4098 | | Serialized record. It is not used for import (it is entered as an empty field - ""). |
| 18. | 35 | | Tax number of the business partner |
| 19. | 2 | * | End of row (0x0D, 0x0A) |

Table 6: Business Partner Directory File Format Specification

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