

Data import and export formats in the PRAVEXBANK BIZ system

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1. INTRODUCTION

This document is a detailed description of the possibilities on data exchange of PRAVEXBANK BIZ system and is intended for the bank's corporate clients.

Data exchange allows the integration of the PRAVEXBANK BIZ system with other systems (e.g. accounting software). Data exchange is divided into import (loading of objects into the PRAVEXBANK BIZ system from an external file with a special structure) and export (unloading of objects from the PRAVEXBANK BIZ system into an external file with a special structure).

The following import formats are supported in the PRAVEXBANK BIZ system:

1. iBank 2
2. IBIS
3. DBF.

2. IMPORT IN IBANK 2 FORMAT

Import files in iBank 2 format are text files containing documents or directory entries. One import file can contain several documents or directory entries. In this case, they are separated from each other by one blank line.

Each document or directory entry in the import file has the following structure:

1. Definition of a document type in **Content-Type=<type of document or directory>**. After defining the document type an empty line should be added.

Attention! The import file should contain only one type of documents (directory entries). All imported data should be represented in the Windows-1251 encoding.

2. Value pairs in the format **<field name>=<field value>**. Each pair in the file starts with a new line. Field names represent the names of document details, directory records and may differ for different types of documents and directories.

Attention! If the <field value> contains characters "\n", these characters should be replaced with characters "\\n", if "\\" – with characters "\\ \\".

The list of types of documents and directories available for import in iBank 2 format, as well as the corresponding value of the **Content-Type** field are presented below:

Type of document, directory	Field value Content-Type
Hryvnia payment order	doc/ua_payment
Outgoing payment request-order	doc/ua_payment request
Payroll	doc/pay_sheet
Instruction to extend the validity period of the cards	doc/card_prolongation
A notice of termination	doc/fire_staff_order
Instruction to assign cards	doc/assign_card_order
Payment order in foreign currency	doc/ua_currency_payment
Payment within the Bank in foreign currency	doc/ua_intrahank_currency_payment
Application for sale of foreign currency	doc/ua_currency_sale
Application for the purchase of foreign currency	doc/ua_currency_purchase
Statement on currency conversion	doc/ua_currency_convert
Factoring	doc/factoring
Directory of correspondents	ref/recipient
Directory of beneficiaries	ref/beneficiar
Directory of correspondents (FCC)	ref/mrecipient
Directory of beneficiaries (FCC)	ref/mbeneficiar

Hryvnia payment order

The structure of hryvnia payment order import file is identical for corporate clients and management organizations (FCC). Description of the import file fields is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is not specified, this field in the imported document will be filled in according to the automatic numbering.
- AMOUNT — amount of the document. A number with up to 10 characters in its integral part and 2 characters in its fractional part. The separator of the integral and fractional parts is a point. Obligatory.
- CLN_NAME — client's name, not more than 40 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_OKPO — the USREOU code of the client. Number from 8 to 10 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_ACCOUNT — client's account number. Number from 5 to 14 characters. It is checked for keying with the MFO code of the bank where the account is opened. Obligatory.
- CLN_BANK_NAME — name of the bank where the client's account is opened, not more than 45 digits. Ignored – in the imported document, this field is always filled in with the name of the bank from the MFO directory according to the specified MFO code.
- CLN_BANK_MFO — bank's MFO code where the client's account is opened. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- CLN_COUNTRY_CODE — client's country code. Number, strictly 3 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- RCPT_NAME — name of the recipient, from 3 to 40 characters. Obligatory.
- RCPT_OKPO — USREOU or recipient's TIN code. Number from 8 to 10 characters. Obligatory.
- RCPT_ACCOUNT — recipient's account number. Number from 5 to 14 characters. It is checked for keying with the MFO code of the bank where the account is opened. Obligatory.
- RCPT_BANK_NAME — name of the bank where the recipient's account is opened, not more than 45 characters. Ignored – in the imported document, this field is always filled in with the name of the bank from the MFO directory according to the specified MFO code.
- RCPT_BANK_MFO — bank's MFO code where the recipient's account is opened. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- RCPT_COUNTRY_CODE — recipient's country code. Number, strictly 3 characters. Obligatory, if the recipient is a non-resident who is not assigned a USREOU or TIN code (USREOU or TIN is specified as 9 zeros).
- PAYMENT_DETAILS — purpose of the payment, from 3 to 160 characters. Obligatory.
- VALUE_DATE — Value date in DD.MM.YYYY format. Cannot exceed 10 days from the date of the document. Optional.
- RCPT_PASSP_SER — series of recipient's passports, 2 characters. Obligatory, if the recipient is a natural person who does not have a TIN but knows the passport data (TIN is specified as 10 zeros).
- RCPT_PASSP_NUM — recipient's passport number. Number, strictly 6 characters. Obligatory, if the recipient is a natural person who does not have a TIN but knows the passport data (TIN is specified as 10 zeros).

Example of import file content of hryvnia payment order:

```
Content-Type-doc/ua_payment
DATE.DOC=24.03.2014
NUM_DOC=1
AMOUNT=200.00
CLN_NAME=AELITA LLC
CLN_OKPO=36484873
CLN_ACCOUNT=260012221488 56
CLN_BANK_NAME=JOINT-STOCK POST PENSION BANK AVAL
CLN_BANK_MFO=300335
RCPT_NAME=Mathilda LLC
RCPT_OKPO=20544847
RCPT_ACCQUNT=26009453150541
RCPT_BANK_NAME=JOINT-STOCK POST PENSION BANK AVAL
RCPT_BANK_MFO=300335
```

PAYMENT_DETAILS=Money transfer according to the contract AB1654
VALUE_DATE=27.03.2014
CLN_COUNTRY_CODE=
RCPT_COUNTRY_CODE=
RCPT_PASSP_SER=
RCPT_PASSP_MUM=

Outgoing payment request-order

The structure of the outgoing payment request-order import file is identical for corporate clients and management organizations (FCC). Description of the import file fields is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is not specified, this field in the imported document will be filled in according to the automatic numbering.
- AMOUNT — amount of the document. A number with up to 10 characters in its integral part and 2 characters in its fractional part. The separator of the integral part and fractional parts is a point. Obligatory.
- PAYER_NAME — name of the payer, from 3 to 40 characters. Obligatory.
- PAYER_OKPO — USREOU or payer's TIN code. Number from 8 to 10 characters. Obligatory.
- PAYER_ACCOUNT — payer's account number. Number from 5 to 14 characters. It is checked for keying with the MFO code of the bank where the account is opened. Obligatory.
- PAYER_BANK_NAME — name of the bank where the payer's account is opened, not more than 45 characters. Ignored – in the imported document, this field is filled in with the name of the bank from the MFO directory according to the specified MFO code.
- PAYER_BANK_MFO — bank's MFO code where the payer's account is opened. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- PAYER_COUNTRY_CODE — the payer's country code. Number, strictly 3 characters. Obligatory, if the payer is a non-resident, who is not assigned a USREOU or TIN code (USREOU or TIN is specified as 9 zeros).
- CLN_NAME — client's name, not more than 40 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_OKPO — USREOU code of the client. Number from 8 to 10 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_ACCOUNT — client's account number. Number from 5 to 14 characters. It is checked for keying with the MFO code of the bank where the account is opened. Obligatory.
- CLN_BANK_NAME — name of the bank where the client's account is opened, not more than 45 characters. Ignored – in the imported document, this field is filled in with the name of the bank from the MFO directory according to the specified MFO code.
- CLN_BANK_MFO — bank's MFO code where the client's account is opened. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- CLN_COUNTRY_CODE — client's country code. Number, strictly 3 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- PAYMENT_DETAILS — purpose of the payment, from 3 to 160 characters. Obligatory.
- PAYER_PASSP_SER — series of payer's passports, 2 characters. Obligatory, if the payer is a natural person who does not have a TIN but knows the passport data (TIN indicates 10 zeros).
- PAYER_PASSP_NUM — number of the payer's passport. Number, strictly 6 characters. Obligatory, if the payer is a natural person who does not have a TIN but knows the passport data (TIN indicates 10 zeros).

Example of contents of import file of outgoing payment request-order:

Content-Type-doc/ua_payment_request
DATE_DOC=24.03.2014
NUM_DOC=1
AMOUNT=200.00
PAYER_NAME=Mathilda LLC
PAYER_OKPO=20544847
PAYER_ACCOUNT=26009453150541
PAYER_BANK_NAME=JOINT-STOCK POST PENSION BANK AVAL
PAYER_BANK_MFO=300335
PAYER_COUNTRY_CODE=

CLN_NAME=AELITA LLC
CLN_OKPO=36484873
CLN_ACCOUNT=26001222148856
CLN_BANK_NAME=JOINT-STOCK POST PENSION BANK AVAL
CLN_BANK_MFO=300335
CLN_COUNTRY_CODE=
PAYMENT_DETAILS=Money transfer according to the contract AB1657
PAYER_PASSP_SER=
PAYER_PASSP_NUM=

Payroll

The structure of the payroll import file is identical for corporate clients and management organizations (FCC). The description of the import file fields is given below:

1. Document fields:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is not specified, this field in the imported document will be filled in according to the automatic numbering.
- CLN_NAME — client's name, not more than 40 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_OKPO — USREOU code of the client. Number from 8 to 10 characters. For corporate clients it is ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system. This field is obligatory for managing organizations (FCC).
- PAYER_ACCOUNT — client's account number to write off the principal amount of the statement and CSS funds. Number from 5 to 14 characters. It is checked for keying with the bank's MFO code where the account is opened. Obligatory.
- PAYER_BANK_MFO — MFO code of the servicing bank, in which the account specified in the field PAYER_ACCOUNT is opened. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- PAYER_BANK_NAME — name of the servicing bank in which the account specified in the PAYER_ACCOUNT field is opened. Not more than 45 characters. Ignored – in the imported document this field is always filled in with the name of the bank from the MFO directory according to the specified MFO code.
- PAYER_COMMISSION_ACCOUNT — client's account number for writing off the CSS fee. Number from 5 to 14 characters. It is checked for keying with the bank's MFO code, where the account is opened. Obligatoriness of the field is set by the bank separately for each type of crediting.
- PAYER_COMMISSION_BANK_MFO — the MFO code of the servicing bank in which the account specified in the PAYER_COMMISSION_ACCOUNT field is opened. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. The field obligatoriness is set by the bank separately for each type of crediting.
- PAYER_COMMISSION_BANK_NAME — name of the servicing bank where the account specified in the PAYER_COMMISSION_ACCOUNT field is opened. Up to 45 characters maximum. In the imported document, this field is always filled in with the name of the bank from the MFO directory according to the specified MFO code.
- ONFLOW_TYPE — name of the type of enrollment, not more than 65 characters. The value must correspond to the value from the directory of types of accrual. Obligatory.
- AMOUNT — the amount of the document. A number with up to 10 characters in its integral part and 2 characters in its fractional part. The separator of the integral part and fractional parts is a point. Ignored – in the imported document this field is always filled with the total amount of charges for all employees in the tabular part of the document.
- VALUE_DATE — Value date in DD.MM.YYYY format. Cannot exceed 10 days from the date of the document. Optional.
- PERIOD — accrual period, not more than 6 characters. Obligatory.

2. Fields of the tabular part of the document – list of employees. Before each field name the number of employees in the list should be added in the following format:

- CARD_HOLDERS.N., where N is the serial number (starts with 0). For example, CARD_HOLDERS.0.CARD_NUM is the SCA number of the first employee in the list.

- CARD_NUM — employee's SCA number. A number with no more than 14 characters. The presence of the value in the employee directory is checked. Obligatory.
- CARD HOLDER — full name of the employee, not more than 80 characters. Obligatory.
- CARD HOLDER INN — Employee TIN. Number from 9 to 10 characters. Obligatory.
- AMOUNT — amount of funds credited to the employee. A number with up to 10 characters in its integral part and 2 characters in its fractional part. The separator of the integral part and fractional parts is a point. Obligatory.

Example of import file content of a payroll with crediting of funds to two employees:

```
Content-Type=doc/pay_sheet
DATE_DOC=26.03.2014
NUM_DOC=1
CLM_NAME=AELITA LLC
CLN_OKPO=36484873
PAYER_ACCOUNT=26002780518831
PAYER_BANK_MFO=300335
PAYER_BANK_NAME=JOINT-STOCK POST PENSION BANK AVAL
PAYER_COMMISSION_ACCOUNT=26008372819928
PAYER_COMMISSION_BANK_MFO=300335
PAYER_COMMISSION_BANK_NAME=JOINT-STOCK POST PENSION BANK AVAL
ONFLOW_TYPE=Cash-free replenishment of card accounts
AMOUNT=3200.00
VALUE_DATE=28.03.2014
PERIOD=
CARD_HOLDERS.0.CARD_NUM=2625164854881
CARD_HOLDERS.0.CARD HOLDER=Dolzhenko Marina Andreevna
CARD_HOLDERS.0.CARD HOLDER INN=1234567891
CARD_HOLDERS.0.AMOUNTS=1600.00
CARD_HOLDERS.1.CARD_NUM=2625164854882
CARD_HOLDERS.1.CARD HOLDER=Korotenko Leonid Mykhailovych
CARD_HOLDERS.1.CARD HOLDER INN=1234567892
CARD_HOLDERS.1.AMOUNT=1600.00
```

Payment order in foreign currency

The structure of the payment order import file in foreign currency is identical for corporate clients and management organizations (FCC). Description of fields of the import file is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is blank, this field in the imported document will be filled in according to the automatic numbering.
- CLN_BNK_MFO — payer's bank MFO code. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- CLN_BNK_NAME — name of the payer's bank, not more than 140 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the field of the payer's bank MFO).
- CLN_BNK_BIC_TYPE — type of identification code of the payer's bank, not more than 8 characters. Ignored – in the imported document this field is always filled in with the value "SWIFT".
- CLN_BNK_BIC — identification code of the payer's bank, not more than 15 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the MFO field of the payer's bank).
- CLN_BNK_COUNTRY — name of the country of the payer's bank, not more than 70 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the MFO field of the payer's bank).
- CLN_BNK_CITY — city of the payer's bank, no more than 70 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the field of the payer's bank MFO).

- CLN_BNK_ADDR — address of the payer's bank, not more than 140 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is carried out by the MFO field of the payer's bank).
- CLN_NAME — client's name, not more than 40 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_OKPO — USREOU code of the payer. Number from 8 to 10 characters. For corporate clients it is ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system. This field is obligatory for managing organizations (FCC).
- CLN_COUNTRY — country of the payer, no more than 70 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_ADDR — payer's address, max 80 characters. Ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system.
- CLN_EMPLOYEE_FIO — full name of the responsible employee, not more than 40 characters. Optional.
- CLN_EMPLOYEE_PHONE — phone number of the responsible employee, not more than 20 characters. Optional.
- CLN_ACCOUNT — payer's currency account number. Number from 5 to 14 characters. It is checked for the keying with the code of the payer's bank MFO, as well as for the presence of the client's account with the specified number and currency. Obligatory.
- AMOUNT — amount of the payment. A number with up to 10 characters in its integral part and 4 characters in its fractional part. The separator of the integral part and fractional parts is a point. Obligatory.
- AMOUNT_CURRENCY — international three-character code of the currency of payment. It is checked for the presence in the currency directory, as well as the presence of the client's account with the specified number and currency. Obligatory.
- AMOUNT_CURRENCY_CODE — numeric three-digit code of the currency of payment. Ignored – in the imported document this field is always filled in from the currency list according to the symbolic code of the payment.
- CURRENCY_DATE — value date in DD.MM.YYYY format. Cannot exceed 10 days from the date of the document. Optional.
- INTERMED_BNK_NAME — name of the intermediary bank, not more than 140 characters. Optional.
- INTERMED_BNK_BIC_TYPE — type of identification code of the intermediary bank, not more than 8 characters. The following values are acceptable: <empty value>, SWIFT. Optional.
- INTERMED_BNK_BIC — identification code of the intermediary bank, not more than 15 characters. Should not be filled in if the type of identification code is empty (except for payments in Russian rubles). Optional.
- INTERMED_BNK_ACCOUNT — intermediary bank account number, not more than 50 characters. Optional.
- INTERMED_BNK_COUNTRY — intermediary bank country, no more than 70 characters. Optional. It is checked for the presence in the country directory with the specified code and name.
- INTERMED_BNK_COUNTRY_CODE — three-digit numeric code of the intermediary bank's country. Optional. It is checked for the presence in the country directory with the specified code and name.
- INTERMED_BNK_CITY — city of the intermediary bank, no more than 70 characters. Optional.
- INTERMED_BNK_ADDR — address of the intermediary bank, not more than 140 characters. Optional.
- RCPT_BNK_NAME — name of the beneficiary bank, not more than 140 characters. Obligatory.
- RCPT_BNK_BIC_TYPE — type of beneficiary bank identification code, not more than 8 characters. The following values are acceptable: <empty value>, SWIFT. Optional.
- RCPT_BNK_BIC — identification code of the beneficiary bank, not more than 15 characters. Should not be filled in if the type of identification code is empty (except for payments in Russian rubles). Optional.
- RCPT_BNK_ACCOUNT — beneficiary bank account number, not more than 35 characters. Optional.
- RCPT_BNK_COUNTRY — country of the beneficiary bank, not more than 70 characters. Obligatory. It is checked for the presence in the country directory with the specified code and name.
- RCPT_BNK_COUNTRY_CODE — three-digit numeric code of the beneficiary country. Obligatory. It is checked for the presence in the country directory with the specified code and name.
- RCPT_BNK_CITY — -city of the beneficiary bank, not more than 70 characters. Obligatory.
- RCPT_BNK_ADDR — address of the beneficiary bank, not more than 140 characters. Obligatory.
- RCPT_NAME — name of the beneficiary, not more than 140 characters. Obligatory.
- RCPT_ACCOUNT — beneficiary account, max. 50 characters. Either the beneficiary account or the IBAN of the beneficiary must be completed.

- RCPT_BNK_IBAN — IBAN of the beneficiary, not more than 35 characters. Either the beneficiary's account or the beneficiary's IBAN must be completed.
- RCPT_COUNTRY — beneficiary country, not more than 70 characters. Obligatory. Check for the presence in the country directory with the specified code and name.
- RCPT_COUNTRY_CODE — three-digit numeric code of the beneficiary country. Obligatory. It is checked for the presence in the country directory with the specified code and name.
- RCPT_CITY — beneficiary city, not more than 70 characters. Obligatory.
- RCPT_ADDR — beneficiary address, not more than 140 characters. Obligatory.
- RCPT_ITN — Beneficiary's TIN. Number equal to 10 or 12 characters. Optional.
- PAYMENT_DETAILS — purpose of payment, not more than 220 characters. Obligatory.
- EXPENSE_TYPE — option of paying the commission fee, not more than 80 characters. Obligatory. Possible values: "at the expense of the payer", "at the expense of the beneficiary", "at the expense of the payer and the beneficiary".
- EXPENSE_ACCOUNT — account number to write off the commission. Number from 5 to 14 characters. Obligatory in case of charging commission "at the expense of the payer" or "at the expense of the payer and beneficiary".
- COMMISSION_BNK_NAME — name of the bank where the account is opened for writing off the commission fee, not more than 140 characters. Obligatory in case of charging commission "at the expense of the payer" or "at the expense of the payer and beneficiary".
- COMMISSION_BNK_MFO — bank's MFO code, in which the account is opened for debiting the commission. Number, strictly 6 characters. Obligatory for the option of charging commission "at the expense of the payer" or "at the expense of the payer and beneficiary".
- PAYMENT_SPEED — urgency of payment, not more than 13 characters. Optional. Possible values: "Normal", "Urgent", "Extraordinary".
- PAYMENT_ADDED_INFO — additional information, up to 140 characters. Optional.
- OPCODE — transaction code. A number with a maximum of 4 characters. Obligation is set by the bank.

Example of import file content of payment order in foreign currency:

Content-Type =doc/ua_currency_payment
DATE_DOC=26.03.2014
NUM_DOC=
CLN_BNK_MFO=300335
CLN_BNK_NAME=JOINT-STOCK POST PENSION BANK AVAL
CLN_BNK_BIC_TYPE=SWIFT
CLN_BNK_BIC=AVALUAUKXXX
CLN_BNK_COUNTRY=UKRAINE
CLN_BNK_CITY=KIEV
CLN_BNK_ADDR=01011 KIEV LESKOV STREET 9 FLOOR 5
CLN_NAME=AELITA LLC
CLN_OKPO=36484873
CLN_COUNTRY=UKRAINE
CLN_ADDR=Dnepropetrovsk, Voroncova 14/32
CLN_EMPLOYEE_F10=Prykhodko N. A.
CLN_EMPLOYEE_PHONE=26-56-79
CLN_ACCOUNT=26008234279034
AMOUNT=863.0000
AMOUNT_CURRENCY=USD
AMOUNT_CURRENCY_CODE=840
CURRENCY_DATE=26.03.2014
INTERMED_BNK_NAME=LESOBANK JOINT STOCK COMMERCIAL BANK DEVELOPMENT OF TIMBER COMPLEX
INTERMED_BNK_BIC_TYPE=SWIFT
INTERMED_BNK_BIC=LJSARU21XXX
INTERMED_BNK_ACCOUNT=42870214533002589635
INTERMED_BNK_COUNTRY=RUSSIAN FEDERATION
INTERMED_BNK_COUNTRY_CODE=643
INTERMED_BNK_CITY=ARKHAHGELSK

INTERMED_BNK_ADDR=163061 ARKHANGELSK 2, KARL LIEBKNECHT STREET
RCPT_BNK_NAME=VOLZHSKY UNIVERSALNY BANK
RCPT_BNK_TYPE=SWIFT
RCPT_BNK_BIC=VUNIRU31XXX
RCPT_BNK_ACCOUNT=42980244587201245870
RCPT_BNK_COUNTRY=RUSSIAN FEDERATION
RCPT_BNK_COUNTRY_CODE=643
RCPT_BNK_CITY=SAMARA
RCPT_BNK_ADDR=443034 SAMARA 66, PROSPEKT METALLURGOV
RCPT_NAME=OJSC RUSPROM
RCPT_ACCOUNT=42302978354534540056
RCPT_BNK_IBAN=
RCPT_COUNTRY=RUSSIAN FEDERATION
RCPT_COUNTRY_CODE=843
RCPT_CITY=Samara
RCPT_ADDR=58 Budenogo Street, app. 458, Samara
RCPT_ITH=
PAYMENT_DETAILS=Payment for services in accordance with the contract No. 488 of 20.11.2006.
EXPENSE_TYPE=at the expense of the payer and beneficiary
EXPENSE_ACCOUNT=26002465400648
COMMISSON_BNK_NAME=JOINT-STOCK POST PENSION BANK AVAL
COMMISSON_BNK_MFO=300335
PAYMENT_SPEED=Urgent
PAYMENT_ADDED_NFD=Additional information
OPCODE=1234

Payment within the bank in foreign currency

The structure of payment import file within the bank is identical for corporate clients and management organizations (FCC). Description of fields of the import file is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is blank, this field in the imported document will be filled in according to the automatic numbering.
- AMOUNT — amount of the payment. A number with up to 10 characters in its integral part and 4 characters in its fractional part. The separator of the integral part and fractional parts is a point. Obligatory.
- AMOUNT_CURRENCY — international three-character code of the currency of payment. It is checked for the presence in the currency directory, as well as the presence of the client's account with the specified number and currency. Obligatory.
- CLN_NAME — name of the payer, not more than 40 characters. Obligatory.
- CLN_OKPO — USREOU code of the payer. Number from 8 to 10 characters. Obligatory.
- CLN_ACCOUNT — payer's currency account number. Number from 5 to 14 characters. It is checked for the keying with the code of the payer's bank MFO, as well as for the presence of the client's account with the specified number and currency. Obligatory.
- CLN_BNK_NAME — name of the payer's bank, not more than 140 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the field of the payer's bank MFO).
- CLN_BANK_MFO — payer's bank MFO code. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- CLN_ADDR — payer's address, max 80 characters. Ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system.
- CLN_RESIDENT — payer's residency. Possible values: "1 – resident", "0 – non-resident".
- CLN_COUNTRY — country of the payer, up to 70 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_BNK_ADDR — address of the payer's bank, up to 140 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is carried out by the MFO field of the payer's bank).
- RCPT_NAME — name of the recipient, up to 140 characters. Obligatory.

- RCPT_OKPO — recipient's USREOU code. Number from 8 to 10 characters. Obligatory.
- RCPT_ACCOUNT — recipient's account, up to 50 characters. Obligatory.
- RCPT_BNK_NAME — name of the beneficiary bank, up to 140 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the field of the beneficiary bank's MFO).
- RCPT_BANK_MFO — recipient's bank MFO code. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- RCPT_BNK_ADDR — address of the recipient's bank, up to 140 characters. Ignored – in the imported document, this field is always filled in from the information about the respective bank in the PRAVEXBANK BIZ system (the search for the bank is performed by the field of the beneficiary bank's MFO).
- RCPT_RESIDENT — recipient's residency. Possible values: "1 – resident", "0 – non-resident".
- PAYMENT_DETAILS — purpose of payment, up to 220 characters. Obligatory.
- CURRENCY_DATE — value date in DD.MM.YYYY format. Cannot exceed 10 days from the date of the document. Optional.
- COMMISSION_ACCOUNT — account to write off the commission. Number from 5 to 14 characters. It is checked for keying with the bank's MFO code, in which the account is opened. Obligatory.
- AMOUNT_CURRENCY_CODE — numeric three-digit code of the currency of payment. Ignored – in the imported document this field is always filled in from the currency list according to the symbolic code of the payment.

Example of the import file content for payment within the bank:

```

Content-Type=doc/ua_intrabaak_currency_payment
DATE_DOC=20.02.2018
NUM_DOC=
AMOUNT=950.0000
AMOUNT_CURRENCY=USD
CLN_NAME=AELITA LLC
CLN_OKPO=36484873
CLN_ACCOUNT=26005858001540
CLN_BNK_NAME=
CLN_BANK_MFO=300335
CLN_ADDR=
CLN_RESIDENT=1
CLN_COUNTRY=UKRAINE
CLN_BNK_ADDR=
RCPT_NAME=ONEGA LLC
RCPT_OKPO=30982361
RCPT_ACCOUNT=26003582006722
RCPT_BNK_NAME=
RCPT_BANK_MFO=300335
RCPT_BNK_ADDR=
RCPT_RESIDENT=1
PAYMENT_DETAILS=payment according to the contract
CURRENCY_DATE=
COMMISSION_ACCOUNT=26005698564569
AMOUNT_CURRENCY_CODE=

```

Application for sale of foreign currency

The structure of import files for applications for the sale of foreign currency is identical for corporate clients and management organizations (FCC). Description of fields of the import file is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is blank, this field in the imported document will be filled in according to the automatic numbering.
- CLN_NAME — client's name, up to 40 characters. For corporate clients it is ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system. This field is obligatory for managing organizations (FCC).

- CLN_ADDR — client's address, max 80 characters. Ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system.
- CLN_PHONES — client's contact phone number, max. 20 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_EMPLOYEE_FIO — full name of the responsible employee, up to 40 characters. Optional.
- CLN_EMPLOYEE_PHONE — phone number of the responsible employee, up to 20 characters. Optional.
- BNK_NAME — name of the authorized bank, up to 45 characters. Ignored – in the imported document, this field is always filled in from the MFO directory according to the specified MFO code.
- BNK_MFO — MFO code of the authorized bank. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- SALE_SUM — amount of foreign currency sold. The number with up to 10 characters in integral and 4 characters in fractional part. Separator of the integral part and fractional parts – point. Obligatory.
- SALE_CURRENCY — international three-character foreign currency code. Obligatory.
- SALE_ACCOUNT — account number to write off foreign currency. Number from 5 to 14 characters. The client's account with the specified number and currency is checked. Obligatory.
- SALE_KIND — method of transferring foreign currency. Obligatory. Possible values: "0" – we charge to write off, "1" – we undertake to transfer.
- SALE_BNK_ACCOUNT — transit bank account number for the sale of foreign currency. Number from 5 to 14 characters. Obligatory for the method of transfer "1".
- SALE_RATE_KIND — type of foreign currency exchange rate, up to 30 characters. Obligatory. Possible values: "at the rate", "at the rate of the authorized bank".
- SALE_RATE — foreign currency exchange rate. Number with up to 4 characters in integral part and 10 characters in fractional part
- PURCHASE_SUM — amount of Ukrainian hryvnia, which will be credited as a result of the sale of foreign currency. The number with up to 10 characters in integral part and 2 characters in fractional part. The separator of the integral and fractional parts is a point. Optional. Ignored when the rate variant is "at the rate" – in the imported document this field will be filled in with the value, which is calculated according to the following formula: Amount in Ukrainian hryvnias = Amount of foreign currency * Rate of purchase.
- PURCHASE_ACCOUNT — account number for crediting of Ukrainian hryvnias. Number from 5 to 14 characters. Obligatory. Account number may not be registered in the system PRAVEXBANK BIZ as a client account.
- PURCHASE_BNK_NAME — name of the bank where the account for crediting of Ukrainian hryvnias is opened, up to 45 characters. Ignored – in the imported document this field is always filled in from the MFO directory according to the specified MFO code.
- PURCHASE_BNK_MFO — MFO code of the bank, where the account for crediting of Ukrainian hryvnias is opened. The number, strictly 6 characters. It is checked for presence in the MFO directory. Obligatory.
- COMMISSION — commission fee percentage of the amount in UAH. The number with up to 2 characters in integral part and 3 characters in fractional part. Separator of the integral and fractional parts – point. Optional.
- RETURN_ACCOUNT — account number for the return of foreign currency. Number, from 5 to 14 characters. Obligatory. The account number for writing off foreign currency is indicated.
- EXPERIENCE_DATE — validity period of the statement in the DD.MM.YYYY format. Optional. Cannot exceed 30 days from the date of the document.
- CURRENCY_DATE — value date in DD.MM.YYYY format. Optional. Cannot exceed 30 days from the date of the document.
- SALE_PURPOSE — purpose of selling foreign currency, up to 550 characters. Optional.

Example of the import file content of the application for the sale of foreign currency:

```

Content-Type=doc/ua_currency_sale
DATE_DOC=26.03.2014
NUM_DOC=
CLN_NAME=AELITA LLC
CLN_ADDR=Dnepropetrovsk, Vorontsova Ave., 14/32
CLN_PHONES=23-23-14
CLN_EMPLOYEE_FIO=Prykhodko N. V.
CLN_EMPLOYEE_PHONE=26-56-79

```

BNK.NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
BNK_MFO=300335
SALE_SUM=55.0500
SALE_CURRENCY=RUB
SALE_ACCOUNT=26009865038380
SALE_KIND=1
SALE_BNK_ACCOUNT=26001458215549
SALE_RATE_KIND=at the rate
SALE_RATE=10.342
PURCHASE_SUM=569.33
PURCHASE_ACCOUNT=2600246 5400648
PURCHASE_BNK_NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
PURCHASE_BNK_MFO=300335
COMMISSION=3.03
RETURN_ACCOUNT=26009865038380
EXPERIENCE_DATE=30.03.2014
CURRENCY_DATE=28.03.2014
SALE_PURPOSE=Text of the reason for the sale of foreign currency

Application for the purchase of foreign currency

The structure of import files of the application for purchase of foreign currency is identical for corporate clients and management organizations (FCC). Description of fields of the import file is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is blank, this field in the imported document will be filled in according to the automatic numbering.
- CLN_NAME — client's name, up to 40 characters. For corporate clients it is ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system. This field is obligatory for managing organizations (FCC).
- CLN_ADDR — client's address, max 80 characters. Ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system.
- CLN_PHONES — client's contact phone number, max. 20 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_EMPLOYEE_FIO — full name of the responsible employee, up to 40 characters. Optional.
- CLN_EMPLOYEE_PHONE — phone number of the responsible employee, up to 20 characters. Optional.
- PURCHASE_REASON — grounds for buying currency, up to 550 characters. Obligatory.
- BNK_NAME — name of the authorized bank, up to 45 characters. Ignored – in the imported document, this field is always filled in from the MFO directory according to the specified MFO code.
- BNK_MFO — MFO code of the authorized bank. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- BNK_ADDR — address of the authorized bank, up to 80 characters. Ignored – in the imported document this field is always filled in from the information about the bank in the PRAVEXBANK BIZ system (the search for the bank is carried out by the field MFO of the authorized bank).
- TRANSFER_KIND — method of transferring Ukrainian hryvnias, up to 40 characters. Obligatory. Possible values: "We charge the authorized bank to write off", "We undertake to transfer independently".
- SALE_SUM — amount of Ukrainian hryvnias for the purchase of foreign currency. The number with up to 10 characters in integral part and 2 characters in fractional part. Separator of the integral and fractional parts is a point. Ignored when the rate option is "at the rate" – in the imported document this field will be filled in with the value, which is calculated according to the following formula: Amount in Ukrainian hryvnias = Amount of foreign currency * Rate of purchase. It is obligatory to specify the amount of purchase "equivalent of the amount".
- CURRENT_ACCOUNT — account number for writing off Ukrainian hryvnias. Number from 5 to 14 characters. The presence of the client's hryvnia account with the specified number is checked. Obligatory.
- SALE_ACCOUNT — bank account number for the transfer of Ukrainian hryvnias. Number from 5 to 14 characters. Obligatory.

- SALE_BNK_NAME — name of the bank where the bank transit account for the transfer of Ukrainian hryvnias is opened, up to 45 characters. Ignored – in the imported document this field is always filled in from the MFO directory according to the specified MFO code.
- SALE_BNK_MFO — bank's MFO code, in which the bank opened a transit account for the transfer of Ukrainian hryvnias. Number, strictly 6 characters. The availability of the value in the MFO directory is checked. Obligatory.
- PURCHASE_SUM — amount of foreign currency to be purchased. The number with up to 10 characters in integral part and 4 characters in fractional part. The separator of the integral part and fractional parts is a point. Obligatory for the option of indicating the purchase amount "in total".
- PURCHASE_CURRENCY — international three-character foreign currency code. Obligatory.
- PURCHASE_RATE_KIND — type of foreign currency purchase rate, up to 30 characters. Obligatory. Possible values: "at the rate", "at the rate of the authorized bank".
- PURCHASE_RATE — foreign currency buying rate. The number with up to 4 characters in integral part and 4 characters in fractional part. The separator of the integral part and fractional parts is a point. Required for the type of rate "at the rate".
- PURCHASE_ACCOUNT — account number for crediting foreign currency. Number, from 5 to 14 characters. Obligatory.
- PURCHASE_BNK_NAME — name of the bank where the account for depositing foreign currency is opened, up to 45 characters. Ignored – in the imported document, this field is filled in from the MFO directory according to the specified MFO code.
- PURCHASE_BNK_MFO — bank's MFO code, in which the account for depositing foreign currency is opened. Number, strictly 6 characters. The availability of the value in the MFO directory is checked. Obligatory.
- COMMISSION — commission fee percentage of the amount in UAH. The number with up to 2 characters in integral part and 2 characters in fractional part. Separator of the integral and fractional parts – point. Optional.
- RETURN_ACCOUNT — account number for the return of Ukrainian hryvnias. Number from 5 to 14 characters. The account number may not be registered in the PRAVEXBANK BIZ system as a client account. Obligatory.
- RETURN_BNK_NAME — name of the bank where the account for the return of Ukrainian hryvnias is opened, up to 45 characters. Ignored – in the imported document this field is always filled in from the MFO directory according to the specified MFO code.
- RETURN_BNK_MFO — MFO code of the bank, where the account for the return of Ukrainian hryvnias is opened. The number, strictly 6 characters. The availability of the value in the MFO directory is checked. Obligatory.
- EXPERIENCE_DATE — validity period of the statement in the DD.MM.YYYY format. Optional. Cannot exceed 30 days from the date of the document.
- CURRENCY_DATE — value date in DD.MM.YYYY format. Optional. Cannot exceed 90 days from the date of the document.
- FUND_ACCOUNT — account number for the pension levy. Number from 5 to 14 characters. Obligatory.
- FUND_BNK_NAME — name of the bank where the account for the pension levy is opened, up to 45 characters. Ignored – in the imported document this field is always filled in from the MFO directory according to the specified MFO code.
- FUND_BNK_MFO — bank's MFO code, where the account for the pension levy is opened. Number, strictly 6 characters. The availability of the value in the MFO directory is checked. Obligatory.
- AMOUNT_KIND — option of specifying the amount of the purchase. Possible values: "in total", "amount equivalent". Obligatory.

Example of import file content of application for purchase of foreign currency:

Content-Type=doc/ua_currency_purchase
DATE_DOC=26.03.2014
NUM_DOC=
CLN_NAME=AELITA LLC
CLN_ADDR=Dnepropetrovsk, Vorontsova Ave., 14/32
CLN_PHONES=23-23-14
CLN_EMPLOYEE_FIO=Prykhodko N. V.
CLN_EMPLOYEE_PHONE=26-56-79

PURCHASE_REASON=Contract No. 1598/63 of 12.03.2014
BNK_NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
BNK_MFO=300335
BNK_ADDR=KYIV, O. Gonchara street 12
TRANSFER_KIND=We undertake to transfer independently
SALE_SUM=78527.59
CURRENT_ACCOUNT=26002465400648
SALE_ACCOUNT=26002780518831
SALE_BNK_NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
SALE_BNK_MFO=300335
PURCHASE_SUM=5312.02
PURCHASE_CURRENCY=EUR
PURCHASE_RATE_KIND=at the rate
PURCHASE_RATE=14.783
PURCHASE_ACCOUNT=26001458215549
PURCHASE_BNK_NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
PURCHASE_BNK_MFO=300335
COMMISSION=0.05
RETURN_ACCOUNT=26002465400846
EXPERIENCE_DATE=30.03.2014
CURRENCY_DATE=28.03.2014
FUND_ACCOUNT=26002465400648
FUND_BNK_NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
FUND_BNK_MFO=300335
AMOUNT_KIND=in the amount

Application for the currency conversion

The structure of import files of the application for conversion of foreign currency is identical for corporate clients and management organizations (FCC). Description of fields of the import file is presented below:

- DATE_DOC — date of the document in the DD.MM.YYYY format. Obligatory.
- NUM_DOC — document number, max. 10 characters. Optional. If the value in the import file is blank, this field in the imported document will be filled in according to the automatic numbering.
- CLN_NAME — client's name, up to 40 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_OKPO — USREOU code of the client. Number from 8 to 10 characters. For corporate clients it is ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system. This field is obligatory for managing organizations (FCC).
- CLN_ADDR — client's address, max 80 characters. Ignored – in the imported document this field is always filled in from the information about the client in the PRAVEXBANK BIZ system.
- CLN_PHONE — client's contact phone number, max. 20 characters. Ignored – in the imported document, this field is always filled in from the client information in the PRAVEXBANK BIZ system.
- CLN_EMPLOYEE_FIO — full name of the responsible employee, up to 40 characters. Optional.
- CLN_EMPLOYEE_PHONE — phone number of the responsible employee, up to 20 characters. Optional.
- PURCHASE_REASON — grounds for currency conversion, up to 550 characters. Obligatory.
- BNK_NAME — name of the authorized bank, up to 45 characters. Ignored – in the imported document, this field is filled in from the MFO directory according to the specified MFO code.
- BNK_MFO — MFO code of the authorized bank. Number, strictly 6 characters. The presence of the value in the MFO directory is checked. Obligatory.
- BNK_ADDR — address of the authorized bank, up to 140 characters. Ignored – in the imported document this field is always filled in from the information about the bank in the PRAVEXBANK BIZ system (the search for the bank is carried out by the field MFO of the authorized bank).
- SALE_SUM — amount of foreign currency that is being sold. The number with up to 10 characters in integral part and 4 characters in fractional part. The separator of the integral part and fractional parts is a point. Obligatory, if the type of transaction – conversion of foreign currency by sale (import file field OPER_TYPE=0).
- SALE_CURRENCY — international three-character code of the currency that is being sold. Obligatory.

- TRANSFER_KIND — method of transfer of foreign currency, up to 27 characters. Obligatory.
- SALE_ACCOUNT — account number to write off foreign currency. Number from 5 to 14 characters. The client's account with the specified number and currency is checked. Obligatory.
- SALE_BNK_ACCOUNT — bank transit account number for the transfer of foreign currency. Number from 5 to 14 characters. Obligatory.
- SALE_RATE_KIND — type of foreign currency exchange rate, up to 30 characters. Obligatory. Possible values: "at the rate", "at the rate of the authorized bank".
- SALE_RATE — foreign currency exchange rate. Number with up to 4 characters in integral part and 7 characters in fractional part. The separator of the integral part and fractional parts is a point. Required for the type of rate "at the rate".
- PURCHASE_SUM — amount of foreign currency that is being bought. The number with up to 10 characters in integral part and 4 characters in fractional part. The separator of the integral part and fractional parts is a point. Obligatory, if the type of transaction – conversion of foreign currency by purchase (import file field OPER_TYPE=1).
- PURCHASE_CURRENCY — international three-character foreign currency code to be purchased. Obligatory.
- PURCHASE_ACCOUNT — account number for foreign currency crediting. Number from 5 to 14 characters. The client's account with the specified number and currency is checked. Obligatory.
- RETURN_ACCOUNT — account number for the return of foreign currency. Number from 5 to 14 characters. Consistent with the foreign currency debit account. Obligatory.
- COMMISSION — commission percentage. The number with up to 2 characters in integral part and 3 characters in fractional part. The separator of the integral part and fractional parts is a point. Optional.
- COMMISSION_ACCOUNT — client's account number for commission transfer. Number from 5 to 14 characters. The presence of the client's hryvnia account with the specified number is checked. Obligatory.
- COMMISSION_BNK_ACCOUNT — bank transit account number for the transfer of fees. Number from 5 to 14 characters. Obligatory.
- EXPIRY_DATE — validity period in DD.MM.YYYY format. Optional. Cannot exceed 30 days from the date of the document.
- OPER_TYPE — type of transaction. Possible values: .0. – Foreign currency conversion by sale, "1" – foreign currency conversion by purchase. Obligatory.

Example of import file content of the application for the currency conversion:

```

Content-Type-doc/ua_currency_convert
DATE_DOC=26.03.2014
NUM_DOC=
CLN_NAME=AELITA LLC
CLN_OKPO=36484873
CLN_ADDR=Dnepropetrovsk, Vorontsova Ave., 14/32
CLN_PHONE=23-23-14
CLN_EMPLOYEE_FIO=Prykhodko N. V.
CLN_EMPLOYEE_PHONE=26-56-79
PURCHASE_REASON=funds for payments of contracts
BNK_NAME=JOINT-STOCK POST-PENSION BANK «AVAL», KYIV
BNK_MFO=300335
BNK_ADDR=KYIV, O. Gonchara street 12
SALE_SUM=444.4400
SALE_CURRENCY=USD
TRANSIT_KIND=we're instructing the bank to write off
SALE_ACCOUNT=26009865038380
SALE_BNK_ACCOUNT=26002780518831
SALE_RATE_KIND=at the rate
SALE_RATE=0.83
PURCHASE_SUM=368.88
PURCHASE_CURRENCY=EUR
PURCHASE_ACCOUNT=26001458215549
RETURN_ACCOUNT=26009865038380
COMMISSION=4.000

```


COMMISSION_ACCOUNT=26002465400940
COMMISSION_BNK_ACCOUNT=26002780518831
EXPIRY_DATE=30.03.2014
OPER_TYPE=0

Directory of correspondents

The structure of the import files of the correspondent directory for corporate clients and management organizations (FCC) differs only by the value of the directory type (**Content-Type field**): **ref/recipient** and **ref/ua_mrecipient**, respectively. The description of the import file fields is presented below:

- RCPT_INN — USREOU code or the correspondent's TIN. Number from 8 to 10 characters. Obligatory.
- RCPT_NAME — name of the correspondent, from 3 to 40 characters. Obligatory.
- RCPT_ACCOUNT — correspondent's account number. Number from 5 to 14 characters. Obligatory.
- RCPT_BANK_BIC — bank's MFO code where the correspondent account is opened. Number, strictly 6 characters. The availability of the value in the MFO directory is checked. Obligatory.
- PAYMENT_DETAILS — purpose of the payment, from 3 to 220 characters. Optional.
- NOTE — note, no more than 220 characters. Optional.

Example of import file content of the corporate client's correspondent directory entry:

```
Content-Type=ref/recipient  
RCPT_INN=96566442  
RCPT_NAME=Finansy LLC  
RCPT_ACCOUNT=26005858001549  
RCPT_BANK_BIC=399119  
PAYMENT_DETAILS=Provision of intermediary services under contract No. 556/788 of 12.03.2014  
NOTE=Updated details of Finansy LLC.
```

Directory of beneficiaries

The structure of import files of beneficiary directory entries for corporate clients and management organizations (FCC) differs only by the value of the directory type (**Content-Type field**): **ref/beneficiar** and **ref/mbeneficiar** respectively. The description of the import file fields is presented below:

- INTERMED_BNK_NAME — name of the intermediary bank, up to 140 characters. Optional.
- INTERMED_BNK_BIC — identification code of the intermediary bank, up to 15 characters. Optional.
- INTERMED_BNK_BIC_TYPE — type of identification code of the intermediary bank, up to 8 characters. Optional. Possible values: "SWIFT" or empty value.
- INTERMED_BNK_COUNTRY_CODE — three-digit numeric code of the intermediary bank's country. Optional.
- INTERMED_BNK_COUNTRY — name of the intermediary bank, up to 40 characters. Optional.
- INTERMED_BNK_CITY — city of the intermediary bank, up to 60 characters. Optional.
- INTERMED_BNK_ADDR — address of the intermediary bank, up to 255 characters. Optional.
- RCPT_BNK_NAME — name of the beneficiary bank, up to 140 characters. Obligatory.
- RCPT_BNK_ACCOUNT — beneficiary bank account number, up to 50 characters. Optional.
- RCPT_BNK_BIC — identification code of the beneficiary bank, up to 15 characters. Optional.
- RCPT_BNK_BIC_TYPE — type of beneficiary bank identification code, up to 8 characters. Optional. Possible values: "SWIFT" or empty value.
- RCPT_BNK_COUNTRY_CODE — three-digit numeric code of the beneficiary bank's country. Obligatory.
- RCPT_BNK_COUNTRY — name of the country of the beneficiary bank, up to 40 characters. Obligatory.
- RCPT_BNK_CITY — city of the beneficiary bank, up to 60 characters. Optional.
- RCPT_BNK_ADDR — address of the beneficiary bank, up to 255 characters. Optional.
- RCPT_NAME — name of the beneficiary, up to 160 characters. Obligatory.
- RCPT_ACCOUNT — beneficiary account number, up to 50 characters. Either the beneficiary account or the IBAN of the beneficiary must be completed.
- RCPT_BNK_IBAN — IBAN of the beneficiary, up to 35 characters. Either the beneficiary's account or the beneficiary's IBAN must be completed.
- RCPT_COUNTRY_CODE — three-digit numeric code of the beneficiary country. Obligatory.
- RCPT_COUNTRY — name of the beneficiary country, up to 40 characters. Obligatory.
- RCPT_CITY — beneficiary city, up to 60 characters. Obligatory.

- RCPT_ADDR — beneficiary address, max. 255 characters. Obligatory.

Example of import file content of corporate client's beneficiary directory entry:

```
Content-Type=ref/beneficiar
INTERMED_BNK_NAME=TORONTO DOMINION INVESTMENTS LTD
INTERMED_BNK_BIC=TODNCB21XXX
INTERMED_BNK_BIC_TYPE=SWIFT
INTERMED_BNK_COUNTRY_CODE=826
INTERMED_BNK_COUNTRY=UNITED KINGDOM
INTERMED_BNK_CITY=LONDON
INTERMED_BNK_ADDR=LONDON EC2M 1DB TRITON COURT 14-18 FINSBURY SQUARE
RCPT_BNK_NAME=BANCA POPOLARE COMMERCIO E INDUSTRIA SPA
RCPT_BNK_ACCOUNT=100327501
RCPT_BNK_BIC=POCIITM1028
RCPT_BNK_BIC_TYPE=SWIFT
RCPT_BNK_COUNTRY_CODE=380
RCPT_BNK_COUNTRY=ITALY
RCPT_BNK_CITY=MILANO
RCPT_BNK_ADDR=20135 MILANO VIA SPARTACO, 12
RCPT_NAME=Valio Investments
RCPT_ACCOUNT=5800267964
RCPT_BNK_IBAN=
RCPT_COUNTRY_CODE=440
RCPT_COUNTR =LITHUANIA
RCPT_CITY=VILNIUS
RCPT_ADDR=VILNIUS DIDZIOJI STREET 18/2
```

3. IMPORT IN IBIS FORMAT

An import file in the IBIS format is a text file containing one or more documents. Below are the requirements for an import file:

- the file name is specified in the format rddhhmmN.NNNN, where
r – always Latin letter "r";
dd – two digits to indicate the day of creation of the file;
hhmm – four digits to indicate the time1 – hours and minutes of file creation;
N.NNNN – any four digits;
- the data in the file should be represented in the CP1125 encoding (or its analogue OEM-866);
- the file contains a set of lines, each of which represents a set of requisites of the separate settlement document;
- each line consists of fields that are separated by a " " character (ASCII code 250).

Import in IBIS format is supported for the following types of documents:

- hryvnia payment order;
- outgoing payment request-order.

The list of fields of import files in the IBIS format is shown below:

Field number	Field format	Obligatoriness	Field value
0	Number (1 digit)	No	Service field, value always 0
1	Number (up to 2 digits)	Yes	Type of payment document: 1 (hryvnia payment order). 11 (outgoing payment request-order)
2	Number (up to 10 digits)	No	Payment document number. If the value is not specified, it is filled in according to the automatic numbering

3	Number (8 digits)	Yes	Date of payment document in YYYYMMDD format
4	Number (0 digits)	Yes	Payer's bank MFO code
5	Number (6 digits)	Yes	Beneficiary bank MFO code
6	Number (5-11 digits)	Yes	Payer's account number
7	Number (5-11 digits)	Yes	Recipient account number
8	Number (up to 12 digits)	Yes	Payment amount in kopecks
9	Number (1 digit)	No	Cash payment symbol (always 0)
10	Line (3 to 40 characters)	Yes	Name of the recipient
11	Line (3 to 160 characters)	Yes	Purpose of payment
12	Number (8 digits)	No	Value date in YYYYNNSCI format. Not used for import of outgoing payment request-order
13	Number (1 digit)	No	Type of acceptance code: 1. 2. 3. The value is ignored
14	Number (3 digits)	No	Payment code. The value is ignored
15	Number (1 digit)	No	Signs of transmission. Value is ignored
16	Number (8-10 digits)	Yes	USREOU code of the recipient of the funds
17	Number (3 digits)	No	Numeric currency code. The value is ignored

Hryvnia payment order

Example of contents of import file (file name r1403071.111) of two hryvnia payment orders:

```
0 1 610-20140313 300335 300335 26002780518831 26009453150541 34000 0 Alfa LLC — >
    —> Money transfer according to the contract AK 513                20544847
0 1 20140313 300335 300335 26002780518831 26001234567890 11570 0 PE Mimoza — >
    —> Payment for services                2234124298
```

Outgoing payment request-order

Example of the contents of import file (file name r130303071.111) of two outgoing payment orders:

```
0 11 615 20140313 300335 300335 26002780518831 26009453150541 8400 0 Alfa LLC — >
    —> Payment according to the contract AK 3462054484712
0 11 20140313 300335 300335 26002780518831 26001234567890 64520 0 PE Mimoza — >
    —> Payment for transport services 2054484713
```

4. IMPORT IN DBF FORMAT

An import file in DBF format is a spreadsheet with the dbf extension containing one or more entries in a tabular part of a payroll document. When importing a document in DBF format, the screen form of the new document is automatically opened, in which the tabular part of the document is filled with information from the import file. To save the document it is necessary to fill in the missing fields of the document.

Attention! The correctness of data from the import file is checked when saving the document.

Attention! Export files in DBF format are available for viewing in any text editor, but for convenient viewing it is recommended to open them in specialized editors (for example, DBFView).

The structure of the payroll import files is identical for corporate clients and management organizations (FCC). The list of fields is presented below:

Field name	Field format	Field value
Acct_card	Number (11 digits)	SCA number of the employee
Fio	Line (up to 50 characters)	Full name of the employee
Id_code	Number (10 digits)	Employee TIN
Suma	Number with up to 8 digits in integral part and 2 digits in fractional part	Amount accrued

Example of an import file in DBF format. Example of contents of a tabular part of a document import file "payroll with two employees":

Acct card	Fio	Id code	Suina
26205121021155	Ivanov Ivan Ivanovich	15541021 15	7146,32
26205212002:165	Petrov Petr Petrovich	5871012517	7142.00

5. EXPORT IN THE COMMA-SEPARATED VALUES FORMAT (.CSV)

Structure of the export file in the comma-separated values format (.csv)

Export files in the comma-separated values format (.csv) – are files based on the standard CSV format (Comma Separated Values).

The typical contents of export files in this format are values formatted in table form and ordered in such a way that each value in the column is separated from the value in the next column by a semicolon, and each new row starts with a new line. Export files in the comma-separated values format (.csv) are available for viewing in any text editor.

When exporting fields containing the separator ";" (semicolon) and double quotes, the system does the following:

1. Fields containing a character used as a separator in CSV format are limited by double quotes at the beginning and end.
2. Fields containing double quotes are limited to double quotes at the beginning and end, and the quotes themselves are additionally surrounded by double quotes.

For example:

1. Value **Payment according to the contract "804"** will be exported as **"Payment according to the contract ""804""**
2. Value **Contractual payment; 804** to be exported as **"Contractual payment; 804"**
3. Value **Contractual payment; "804"** will be exported as **"Contractual payment; ""804""**

Export in the comma-separated values format (.csv) is supported for the following reports and directories:

- Report "Statements";
- Report "Turnovers";
- Report "Current balances";
- Directory "Currency rates".

Report "Statements"

The internal structure of the file with exported statements in the modules for corporate clients and management organizations (FCC) is identical. The description of the fields to be exported is presented below:

- USREOU – USREOU code of the client;
- MFO – bank's MFO code where the client's account is opened;
- Account – number of the client's account;
- Currency – three-character code of the client's account currency;
- Transaction date – date and time of transaction;
- Transaction code;
- Bank's MFO – bank's MFO code, in which the correspondent's account is opened;
- Name of the bank – name of the bank where the correspondent account is opened;
- Correspondent account – correspondent account number;
- USREOU of the correspondent – USREOU code of the correspondent;
- Correspondent – name of the correspondent;
- Document number;
- Date of the document;
- Debit – amount of debit in the account currency (not to be filled in for credit transactions);
- Credit – credit amount in the account currency (not to be filled in for debit transactions);
- Purpose of payment;
- Hryvnia cover – the amount of the transaction in hryvnia equivalent (not to be filled in for hryvnia transactions).

The export file is formed in the encoding specified by the client in the module settings.

Attention! Information statements are not exported.

Example of the contents of an export file:

USREOU;MFO;Account;Currency;Date of transaction;Transaction code;Bank's MFO; — >
76345670;300335;26007460475147;UAH;25.03.2014 10:01;300335; — >
—> Bank name;Correspondent's account;Correspondent's USREOU; — >
—> JOINT-STOCK POST-PENSION BANK ""AVAL"" KYIV"";2600764 7985609;76655689; — >
—> Correspondent;Document number;Date of the document;Debet;Credit;Purpose of
payment;Hryvnia cover
—> "PE ""Agroservice""";1:25.03.2014:100.11;;for services;0.00;

Report "Turnovers"

The internal structure of the file with exported turnovers in the modules for corporate clients and management organizations (FCC) differs. For corporate clients, a trial balance is a detailed statement of one or more accounts. For the FCC, a trial balance is a consolidated report on all accounts of subordinate organizations.

Description of the fields that are exported to the corporate clients' trial balance is provided below:

- Turnover date – the date on which the sum of current assets is represented;
- Account – number of the account on which the trial balance is formed;
- Currency – three-character code of the currency of the account for which the trial balance is formed;
- Opening balance – the sum of Opening balance in the currency of the account as of the specified date;
- Hryvnia cover – the amount of the Opening balance in Ukrainian hryvnia on a specified date;
- DT turnovers– total debit turnover for the day in the currency of the account;
- Hryvnia cover – total debit turnover for the day in Ukrainian hryvnia;
- CT turnovers – total credit turnover per day in the account currency;
- Hryvnia cover – total credit turnover per day in Ukrainian hryvnia;
- Closing balance – the amount of Closing balance in the currency of the account for the specified date;
- Hryvnia cover – the sum of the Closing balance in Ukrainian hryvnia for the specified date.

Export file is always generated in Windows-1251 encoding.

Example of the contents of an export file:

Turnover date;Account;Currency;Opening balance;Hryvnia cover;DT turnovers; — >
25.03.2014 00:00:26007460475147;UAH;6554.35:0 00;200 20; — >
—> Hryvnia cover;CT turnovers;Hryvnia cover;Closing balance;Hryvnia cover
—> 0.00;0.00;0.00;6354.15;0.00

Description of the fields that are exported to the FCC's trial balance is provided below:

- Client – the name of the subordinate client;
- Bank – bank's MFO code where the client's account is opened;
- Account – number of the client's account;
- Currency – international three-digit symbolic code of the client's account currency;
- Opening balance – the amount of opening balance in the account currency at the beginning of the period;
- DT turnovers – total debit turnover for the period in the currency of the account;
- CT turnovers – total credit turnover for the period in the account currency;
- Closing balance – amount of closing balance in the currency of the account at the end of the period.

Export file is always generated in Windows-1251 encoding.

Example of the contents of an export file:

Client;Bank;Account;Currency;Opening balance;DT turnovers;CT turnovers;Closing balance
"LLC ""AELITA""";300335;26004535000354;UAH;10.00;20.22;40.44;30.22

Report "Current balances"

Description of the fields that are exported in the client management report (FCC) – The current balances are presented below:

- Client – the name of the subordinate client;
- Bank – bank's MFO code where the client's account is opened;

- Account – number of the client's account;
- Currency – international three-digit symbolic code of the client's account currency;
- Balance – the amount of the account balance;
- Date – date and time of the balance.

Export file is always generated in Windows-1251 encoding.

Example of the contents of an export file:

```
Client;Bank;Account;Currency;Balance;Date
"LLC ""AELITA""";300335;26003690400086;UAH;535.50:20.03.2014 12:09
```

Directory "Currency rates"

The internal structure of the file with exported exchange rates in the modules for corporate clients and management organizations (FCC) is identical. The description of the fields to be exported is presented below:

- Date of exchange rate – date of exchange rate;
- Currency name – full name of the currency in the Ukrainian language;
- Code – three-character currency code;
- NBU rate – NBU rate value;
- Purchase rate – the value of the bank rate of currency purchase;
- Sale rate – the value of the bank rate of currency sale.

Export file is always generated in Windows-1251 encoding.

Example of the contents of an export file:

```
Rate date;Currency name;Code;NBU rate;Purchasing rate;Selling rate;
15.07.2013;US dollar;USD;822.000000/100;8.220000;8.470000;
```

6. EXPORT IN PROFIX FORMAT

When exporting in Profix format, a file with **dbf** extension is formed. By default, the file is called **export.dbf**, but the client can change the name. The typical contents of export files in this format are values formatted in the form of a table.

Profix export files are available for viewing in any text editor, but it is recommended to open them in specialized editors (for example, DBFView) for convenient viewing.

Export in Profix format is supported only for corporate client statements. Information statements are not exported.

Structure of export files in Profix format

The internal structure of the file with exported statements in the modules for corporate clients and management organizations (FCC) is identical. The description of the fields to be exported is presented below:

- MFO — the bank's MFO code where the client's account is opened;
- MFO_NM — name of the bank where the client's account is opened;
- KL_NM — the client's name;
- KL_OKP — USREOU code of the client;
- KL_CHK — client's account number;
- CUR_ID — three-digit numeric code of the client's account currency;
- MFO_K — MFO code for the correspondent bank;
- MFO_NM_K — name of the correspondent bank;
- KL_NM_K — name of the correspondent;
- KL_OKP_K — USREOU code for the correspondent;
- KL_CHK_K — correspondent's account number;
- ND — document number;
- DK — sign of payment on debit or credit (1 – debit, 2 – credit);
- VOB — service field (default is 1);
- S — amount of the payment;
- DATA — date of the document (date in dd.mm.yyyy);

- DATA_S — date of the transaction (date in dd.mm.yyyy);
- TIME_S — transaction time (time in hhmm format);
- ADATEOPL — date of the document (date in dd.mm.yyyy);
- N_P — purpose of the payment.

Example of an export file in Profix format. The export file is formed in the encoding specified by the client in the module settings.

MFO	MFO_NM	KL_NM	KL_OKP	KL_CHK	CUR_ID
300335	JOINT-STOCK POST-PENSION BANK «AVAL», KYIV	AELITA LLC	36484873	2600550111823	840

MFO_K	MFO_NM_K	KL_NM_K	KL_OKP_K	KL_CHK_K
300335	JOINT-STOCK POST-PENSION BANK «AVAL», KYIV	AELITA LLC	2536804123	26001122334455

ND	DK	VOB	S	DATA	DATA_S	TIME_S	ADATEOPL	N_P
23	1	1	100	26.03.2011	27.03.2011	1054	26.03.2011	Payment for services

7. EXPORT IN IBIS FORMAT

Export in the format of **IBIS** is implemented only for statements of corporate clients' accounts. When exporting in this format, the trial balance and incoming payment claims (if any) are also exported on this account for the specified date.

When exporting statements in IBIS format, text files are formed. The name of the generated files is given by the following template: **vYYMMDD.ZZZ** – for statements on hryvnia accounts and **wYYMMDD.ZZZ** for statements on foreign currency accounts, where:

- v – permanent prefix of the export file containing statements on hryvnia accounts;
- w – permanent prefix of the export file containing currency account statements;
- YYMMDD – date of account transaction (YY – year, MM – month, DD – day);
- ZZZ – permanent extension of the export file.

Structure of export files in the IBIS format

The export file is always generated in CP1125 encoding and consists of an undefined number of lines separated by **0x0D 0x0A** characters, with the minimum number of lines – 1.

All lines, except for the fields described for them, have the 0 classification field of 1 character in length:

- 0 – trial balance line, where the data on the client's account, for which the statement was formed, as well as the amounts, passed on the debit or credit on the account, are presented;
- 1 – payment line. Provides detailed information about the transaction (posting) on the account;
- 2 – payment request. This line will be present in the export file, if the client has an incoming payment request-order for the same date, for which the statement was formed. Provides information about the incoming payment request-order.

Turnover balance line consists of the following fields:

Pos. for gross statements	Pos. for UAH statements	Field size	Example of field filling	Field assignment
1	1	14	26001122334455	the account on which the statement is formed, if the account is less than 14 digits, it is aligned on the left edge of the field and up to 11 digits is filled

				in with spaces until the end of the field
2		4	0840	numeric code of the currency generated by adding a non-significant zero to the three-digit code of the currency
3	2	8	20060609	date of the account movement described in the YYYYMMDD format
4	3	8	20060608	date of previous account movement in YYYYMMDD format
5	4	19	338720	the balance* at the beginning of the day in UAH
6	--	19	63532	balance* at the beginning of the day in foreign currency
7	5	1	+ or -	type of balance: + passive - active
8	6	6	1	number of documents processed on write-off
9	7	19	53000	amount* of debit turnovers (documents processed on write-off) in UAH
10	--	19	10000	amount* of debit turnovers (documents processed on write-off) in foreign currency
11	8	6	2	number of documents processed on enrollment
12	9	19	0	amount* of credit turnovers (documents processed on enrollment) in UAH
13		19	0	amount* of credit turnovers (documents processed on enrollment) in foreign currency
14	10	19	283720	balance* at the end of the day in hryvnia
15		19	53532	balance* at the end of the day in foreign currency
10	11	1	+ or -	type of balance: + passive - active

The payment line consists of the following fields:

Pos. for gross statements	Pos. for UAH statements	Field size	Example of field filling	Field assignment
1	1	1	+ or -	type of payment: + payment was credited; - payment was written off.
2	2	9	300335	MFO of the sending bank (hereinafter bank A)
3	3	14	26001122334455	current account of the bank A client, if the account does not consist of 14 digits, it is aligned at the left edge of the field and

				up to 14 digits are filled in with spaces until the end of the field
4	4	14	2536894123	USREOU code of the bank A client
5	5	40	Alliance LLC	name of the bank A client
6	6	9	300335	MFO of the receiving bank (hereinafter bank B)
7	7	14	26001122334456	current account of the bank B client, if the account does not consist of 14 digits, it is aligned at the left edge of the field and up to the end of the field is filled with spaces of up to 14 digits
8	8	14	3434545443	USREOU code of bank B client
9	9	40	Alpha LLC	name of the bank B client
10	10	2	01	type of payment (the content is not regulated by the NBU)
11	11	10	24	payment transaction number
12	12	19	212000	amount* of payment in UAH
13	--	19	40000	amount* of payment in foreign currency
14	13	8	20060610	date** of transfer from bank A in YYYYMMDD format
15	14	4	1740	time** of transfer from bank A in HHMM format
16	15	8	20060611	date** of receipt by bank B in YYYYMMDD format
17	16	4	0945	time** of receipt by bank B in HHMM format
18	17	255	Payment for parts according to cont. №158	Purpose of payment

* — all amounts are positive and are indicated in kopecks without any dividers.

** — reference fields, the presence of which is not guaranteed.

A payment request contains a payment requirement sent to a client by another client to make a payment decision or a payment request of the client sent to another client. These payments do not go through the account and are informative. The payment request consists of the same fields as the payment line, but the meaning of the first field is changed:

+ payment request to a client;

- client's payment request.

Below is an example of the export file of the hryvnia statement for March 25, 2014. To represent the file in this document, the lines are divided into several parts. The file name is v140325.zzz.

1 export file line:

0260044584212472014032500000000 9000000+
1 10050 0 0 8989950+

2 export file line:

1- 30033526004458421247 3434545443T0B "BIFIT"
3003353483334 1234567890000 "Recipient" 01 112
100502014032520140325 payment for transportation services

3 export file line:

2+ 30002326006458954205 2102102102PE Beta
30033526004458421247 6345645645T0B "BIFIT" 01 189
3500020140325 transfer according to the contract №423

8. EXPORT IN IBANK 2 FORMAT

The current version of PRAVEXBANK BIZ system supports export in iBank 2 format for correspondent and beneficiary directories. The structure of the export files is completely similar to the structure of the import files of the correspondent and beneficiary directories in iBank 2 format.