Bankline Export Guide

CSV format

Introduction to Bankline export

What is Bankline export?

Bankline allows your business to manage everyday banking over the internet, including the ability to view account information, payment details and user profiles. Bankline export enables you to export much of that information in a format that can be accessed outside of Bankline.

Bankline supports the export of:

- account set balance summaries
- account balance summaries
- account statements
- account information for set
- supplementary lists
- transaction search results
- administration privileges
- Global liquidity balances
- Global liquidity customer activity
- Global liquidity account transactions
- Global liquidity sweeping and topping transactions
- Global liquidity inter-company loans
- payment advices
- payment records

This user guide details how each of the individual export files is structured.

How are Bankline export files structured?

All export files are in a comma separated value (CSV) text file format. The first row in each file contains column headings. The rest of the rows contain the exported data.

Please note, if the exported data contains a comma, that data field will be presented with quotation marks. This will maintain the format of the file and the position of all of the subsequent fields.

For example: Bank brand, "High Street, Town", 01/01/2024.

Export files

Account set balance summary

The default file name is Acc_Set_Bal_Summ_dd-mm-yy_HH-MM-SS.csv and the export file, which can contain multiple account sets, is structured as below irrespective of your account information preferences.

Field reference	Field type and size	Field name / description
1	Char (30)	account set name
2	Char (03)	currency of account set
3	Char (10) in the format DD/MM/YYYY	date
4	Signed num (15)	last night's ledger balance
5	Signed num (15)	today's ledger balance
6	Signed num (15)	last night's cleared balance
7	Signed num (15)	today's cleared balance
8	Signed num (15)	start of day ledger balance
9	Signed num (15)	start of day cleared balance

Account balance summary

The default file name is Bal_Summ_dd-mm-yy_HH-MM-SS.csv and the export file, which can contain multiple accounts, is structured as below irrespective of your account information preferences.

Field reference	Field type and size	Field name / description
1	Char (06)	sort code of account
2	Char (34)	account number
3	Char (35)	account alias
4	Char (35)	account short name
5	Char (03)	Currency of account set
6	Char (10) in the format DD/MM/YYYY	Date
7	Signed num (15)	last night's ledger balance
8	Signed num (15)	today's ledger balance
9	Signed num (15)	last night's cleared balance
10	Signed num (15)	today's cleared balance
11	Signed num (15)	start of day ledger balance
12	Signed num (15)	start of day cleared balance

Note 1: Fields 1, 2, 3 and 4 are equivalent to the account ID as displayed in Bankline.

Account Statement

The default file name is Acc_Stmt_dd-mm-yy_HH-MM-SS.csv and the export file, which can contain multiple transactions, is structured like this.

Field reference	Field type and size	Field name / description
1	Char (06)	sort code of account
2	Char (34)	account number
3	Char (35)	account alias
4	Char (35)	account short name
5	Char (03)	Currency of account
6	Char (20)	account type
7	Char (34)	BIC
8	Char (35)	bank name
9	Char (27)	branch name
10	Char (10) in the format DD/MM/YYYY	date of transaction
11	Char (25)	transaction narrative – 1st line
12	Char (25)	transaction narrative – 2nd line
13	Char (25)	transaction narrative – 3rd line
14	Char (25)	transaction narrative – 4th line
15	Char (25)	transaction narrative – 5th line
16	Char (03)	transaction type
17	Signed num (15)	debit value
18	Signed num (15)	credit value

Note 1: Fields 1, 2, 3 and 4 are equivalent to the account ID as displayed in Bankline.

Account information for set

The default file name is Acc set name_dd-mm-yy_HH-MM-SS_Bankline_file id.csv and the export file, which can contain multiple transactions, is structured like this. If there's a comma present in the data, this will be replaced with a space.

Field reference	Field type and size	Field name / description
1	Char (06)	sort code of account
2	Char (34)	account number
3	Char (35)	account alias
4	Char (35)	account short name
5	Char (03)	currency of account
6	Char (34)	BIC
7	Char (35)	bank name
8	Char (27)	branch name
9	Char (10) in the format DD/MM/YYYY	date of transaction
10	Char (25)	transaction narrative – 1st line
11	Char (25)	transaction narrative – 2nd line
12	Char (25)	transaction narrative – 3rd line
13	Char (25)	transaction narrative – 4th line
14	Char (25)	transaction narrative – 5th line
15	Char (03)	transaction type
16	Char (15)	transaction reference
17	Char (10) in the format DD/MM/YYYY	value date of transaction
18	Signed num (15)	amount
19	Signed num (15)	ledger balance
20	Char (20)	account type
21	Signed num (15)	opening balance
22	Signed num (15)	closing balance

Supplementary list

The default file name is Supp_Items_dd-mm-yy_HH-MM-SS.csv and the export file, which can contain multiple supplementary list transactions, is structured like this.

Field reference	Field type and size	Field name / description
1	Char (06)	sort code
2	Char (34)	account number
3	Char (35)	account alias
4	Char (35)	account short name
5	Char (03)	currency
6	Char (10) in the format DD/MM/YYYY	posting date
7	Char (75)	narrative
8	Signed num (15)	amount

Note 1: The account alias in field 3 may be repeated by the account alias as shown in Bankline in addition to the account ID, however only one will be present in the export file.

Transaction search results

The default file name is Trans_dd-mm-yy_HH-MM-SS.csv and the export file, which can contain multiple transactions, is structured like this.

Field reference	Field type and size	Field name / description
1	Char (06)	sort code of account
2	Char (34)	account number
3	Char (35)	account alias
4	Char (35)	account short name
5	Char (03)	currency
6	Char (10) in the format DD/MM/YYYY	posting date
7	Char (25)	transaction narrative – 1st line
8	Char (25)	transaction narrative – 2nd line
9	Char (25)	transaction narrative – 3rd line
10	Char (25)	transaction narrative – 4th line
11	Char (25)	transaction narrative – 5th line
12	Char (03)	transaction type
13	Char (15)	transaction reference
14	Char (10) in the format DD/MM/YYYY	value date of transaction
15	Signed num (15)	amount

Note 1: Fields 1, 2, 3 and 4 are equivalent to the account ID as displayed in Bankline.

Administration privileges report

The default file name is Admin_Priv_Report_dd-mm-yy_HH-MM-SS.csv and the export file, which can contain multiple roles and users, is structured like this.

Firstly the roles and the associated privileges are listed.

Field reference	Field type and size	Field name / description
1	Char (20)	role name
2	Char (75)	privileges associated
3	Char (35)	account ID

Then in the same export file, followed by a blank row, the users and the associated roles are listed.

Field reference	Field type and size	Field name / description
4	Char (10)	user ID
5	Char (30) + Char (30)	user name
6	Char (20)	user roles
7	Char (10) in the format DD/MM/YYYY	user date created
8	Char (10) in the format DD/MM/YYYY	user date last changed

Note 1: The account ID in field 3 is one of (a) account number – Char (34), (b) account alias – Char (35), or (c) account short name   – Char (35)

Note 2: The user name in field 5 is made up of the user Forename followed by the user Surname.

Global Liquidity balance reporting

The default file name is Balance_Report_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this irrespective of your Global Liquidity preferences.

Field reference	Field type and size	Field name / description
1	Char (35)	account
2	Char (35)	bank
3	Char (30)	company
4	Char (05)	sweeping / topping warning
5	Char (01)	account status
6	Char (01)	balance status
7	Char (03)	currency
8	Signed num (17)	booked balance
9	Char (10) in the format DD/MM/YYYY	cleared balance date
10	Char (10) in the format DD/MM/YYYY	cleared balance date
11	Char (10) in the format DD/MM/YYYY	cleared balance date
12	Char (03)	counter currency
13	Signed num (17)	counter currency booked balance
14	Signed num (17)	counter currency cleared balance date
15	Signed num (17)	counter currency cleared balance date
16	Signed num (17)	counter currency cleared balance date
17	Char (01)	account type
18	Char (35)	master account

Note 1: The account in field 1 is equivalent to the account ID as displayed in Bankline.

Note 2: Summarised totals as shown in Bankline are not included in the export file.

Note 3: The account type in field 17 will be populated as either 'M' for master or 'S' for satellite, based on whether there is a master account value.

Note 4: The master account in field 18 will only be populated if the account type in field 18 is set to 'S'.

Global Liquidity customer activity report

When producing the Global Liquidity Customer Activity report three exportable files are created.

1. Global Liquidity Customer Activity Report (SWIFT Statements)

2. Global Liquidity Customer Activity Report (Satellite and master account sweeping and topping)

3. Global Liquidity Customer Activity Report (Offset Benefit)

SWIFT statements

The default file name for the SWIFT Statements is Swift_Statement_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (23) in the format DD/MM/YYYY	report period from & report period to
2	Char (35)	account
3	Char (11)	Partner bank
4	Char (06)	940's
5	Char (06)	942's
6	Char (06)	920's auto
7	Char (06)	920's Ad-hoc
8	Char (06)	920's total

Note 1: The account in field 2 is equivalent to the Satellite account ID in Bankline, and can be one or many satellite accounts.

Satellite and master account sweeps

The default file name for the Satellite and master account sweeps and tops is ST_Summary_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (23) in the format DD/MM/YYYY –	report period from & report period to
2	Char (35)	master account
3	Char (35)	satellite account
4	Char (06) in the format DD MMM e.g. 31 May	date

5	Char (03)	sweeping / topping
6	Num (06)	auto number
7	Char (03)	auto currency
8	Char (17)	auto value
9	Num (06)	ad-hoc number
10	Char (03)	ad-hoc currency
11	Char (17)	ad-hoc value
12	Num (06)	total number
13	Char (03)	total currency
14	Char (17)	total value

Note 1: The valid values for sweeping / topping in field 5 are:

- '020' = sweeping satellite details
- '021' = sweeping satellite sub totals
- '022' = sweeping satellite totals
- '030' = topping satellite details
- '031' = topping satellite sub totals
- '032' = topping satellite totals
- '040' = sweeping master details
- '041' = sweeping master sub totals
- '042' = sweeping master totals
- '050' = topping master details
- '051' = topping master sub totals
- '052' = topping master totals

Offset benefits

The default file name for the Offset Benefit is Offset_Benefit_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (23)	report period from & report period to
2	Char (35)	master account
3	Char (06) in the format DD MMM e.g. 31 May	Date
4	Char (17)	net sweeping
5	Char (17)	net topping

6	Char (17)	Offset
7	Char (07)	Rate
8	Char (17)	established offset benefit

Note 1: The master account in field 2 is equivalent to the master account ID in Bankline.

Global Liquidity Account Transactions

The default file name is account_Transactions_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (34)	account
2	Char (11)	bank
3	Char (03)	account currency
4	Char (01)	account type
5	Char (08) in the format DD/MM/CCYY	entry date
6	Char (08) in the format DD/MM/CCYY	value date
7	Num (17)	amount
8	Char (04)	source
9	Char (01)	transaction type
10	Char (20)	transaction reference
11	Char (02)	account status
12	Char (34)	additional information

Global Liquidity Sweeping and Topping Transactions

The default file name is ST_Transactions_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (34)	account
2	Char (34)	master account
3	Char (11)	satellite bank
4	Char (20)	transaction reference
5	Char (06)	cut-off date / time
6	Char (01)	sweeping / topping
7	Char (01)	manual / auto
8	Char (03)	currency
9	Char (17)	Amount
10	Char (08) in the format DD/MM/CCYY	debit value date
11	Char (08) in the format DD/MM/CCYY	credit value date
12	Char (02)	Status

Note 1: The account in field 1 is equivalent to the Satellite account ID in Bankline.

Note 2: The master account in field 2 is equivalent to the master account ID in Bankline.

Note 3: The debit value date in field 10 and credit value date in field 11 are as shown in Bankline by clicking through on the transaction reference hyperlink under the sweeping transaction detail.

Global Liquidity inter-company loans administration reports

The default file name is ICLA_Report_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (23) in the format DD/MM/YYYY - DD/MM/YYYY	report period from & report period to
2	Char (34)	account
3	Char (34)	master account
4	Char (03)	currency
5	Char (11)	CR Rate
6	Char (11)	DR Rate
7	Char (06)	date
8	Char (13)	transfer
9	Char (14)	NET IC balance
10	Char (09)	INT

Note 1: The account in field 2 is equivalent to the Satellite account ID in Bankline, and can be one or many satellite accounts.

Note 2: The master account in field 3 is equivalent to the master account ID in Bankline.

Note 3: All amount fields can be positive or negative and can contain decimals e.g. Japanese Yen (JPY) is shown to two decimal places.

Payment advices

The default file name is Pay_adv_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (06)	advice type
2	Char (19)	direction
3	Char (08)	payment product
4	Char (19)	advice date
5	Char (08)	advice time
6	Char (35)	our reference
7	Char (35)	your reference
8	Char (35)	delivery reference
9	Char (16)	draft reference
10	Char (35)	payment reference customer
11	Char (35)	related reference
12	Char (35)	on Behalf of name
13	Char (35)	on Behalf of address line 1
14	Char (35)	on behalf of address line 2
15	Char (35)	on behalf of address line 3
16	Char (35)	on behalf of address line 4
17	Char (35)	ordered by name
18	Char (35)	on Instruction from name
19	Char (35)	on instruction from address line 1
20	Char (35)	on instruction from address line 2
21	Char (35)	on instruction from address line 3
22	Char (35)	on instruction from address line 4
23	Char (35)	payment details line 1
24	Char (35)	payment details line 2
25	Char (35)	payment details line 3
26	Char (35)	payment details line 4
27	Char (03)	requested amount currency code

28	Char (24)	requested amount

29	Char (03)	ordered amount currency code
30	Char (24)	ordered amount
31	Char (03)	received amount currency code
32	Char (24)	received amount
33	Char (35)	bank to bank information line 1
34	Char (35)	bank to bank information line 2
35	Char (35)	bank to bank information line 3
36	Char (35)	bank to bank information line 4
37	Char (35)	bank to bank information line 5
38	Char (35)	bank to bank information line 6
39	Char (03)	debit amount currency code
40	Char (24)	debit amount
41	Char (35)	debit account number
42	Char (19)	debit date
43	Char (03)	credit amount currency code
44	Char (24)	credit amount
45	Char (35)	credit account number
46	Char (19)	credit date
47	Char (35)	beneficiary account number
48	Char (35)	beneficiary name
49	Char (35)	beneficiary address line 1
50	Char (35)	beneficiary address line 2
51	Char (35)	beneficiary address line 3
52	Char (35)	beneficiary address line 4
53	Char (35)	beneficiary institution ID
54	Char (35)	beneficiary institution name
55	Char (15)	beneficiary bank ID
56	Char (35)	beneficiary bank name
57	Char (35)	beneficiary bank address line 1
58	Char (35)	beneficiary bank address line 2

59	Char (35)	beneficiary bank address line 3
60	Char (35)	beneficiary bank address line 4

61	Char (35)	payee bank ID
62	Char (35)	payee bank name
63	Char (35)	payee bank address line 1
64	Char (35)	payee bank address line 2
65	Char (35)	payee bank address line 3
66	Char (35)	payee bank address line 4
67	Char (15)	account With institution ID
68	Char (35)	account With institution name
69	Char (35)	account With institution address line 1
70	Char (35)	account With institution address line 2
71	Char (35)	account With institution address line 3
72	Char (35)	account with institution address line 4
73	Char (03)	commission charges currency code
74	Char (24)	commission charges amount
75	Char (100)	commission charges information
76	Char (03)	additional charges amount currency code
77	Char (24)	additional charges amount
78	Char (100)	additional charge information
79	Char (03)	agent bank charges currency code
80	Char (24)	agent bank charges
81	Char (03)	senders charges currency code
82	Char (35)	senders charges amount
83	Char (35)	commission debited to account number
84	Char (35)	payment FX contract reference
85	Char (16)	payment FX rate
86	Char (72)	exotic currency payment information
87	Char (35)	charges FX rate

Payment records

The default file name is Pay_rec_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (15)	bank reference
2	Char (18)	customer reference
3	Char (05)	payment status
4	Char (03)	payment instruction type
5	Char (18)	payment type
6	Char (18)	payment sub type
7	Char (02)	destination country
8	Char (34)	debit account number
9	Num (15)	amount debited
10	Char (03)	amount debited currency code
11	Num (15)	amount credited
12	Char (03)	amount credited currency code
13	Date (04)	payment execution date
14	Date (04)	credit date
15	Char (35)	beneficiary name
16	Char (35)	beneficiary address line 1
17	Char (35)	beneficiary address line 2
18	Char (35)	beneficiary address line 3
19	Char (35)	beneficiary address line 4
20	Char (34)	beneficiary account number
21	Char (11)	account with institution BIC
22	Char (02) + Char (15)	account with institution NCC
23	Char (35)	account with institution address line 1
24	Char (35)	account with institution address line 2
25	Char (35)	account with institution address line 3
26	Char (35)	account with institution address line 4
27	Char (11)	beneficiary bank BIC
28	Char (02) + Char (15)	beneficiary bank NCC

29	Char (35)	payment details line 1
30	Char (35)	payment details line 2
31	Char (35)	payment details line 3
32	Char (35)	payment details line 4
33	Char (34)	commission charges account
34	Char (03)	commission charges currency code
35	Num (15)	commission charges amount
36	Num (15)	agent charges amount
37	Char (03)	agent charges amount currency code
38	Char (35)	by order of account number
39	Char (35)	by order of account name & address line 1
40	Char (35)	by order of account name & address line 2
41	Char (35)	by order of account name & address line 3
42	Char (35)	by order of account name & address line 4
43	Char (11)	ordering institution BIC
44	Char (02) + Char (15)	ordering institution NCC
45	Char (35)	ordering institution name
46	Char (35)	ordering institution address line 1
47	Char (35)	ordering institution address line 2
48	Char (35)	ordering institution address line 3
49	Char (35)	ordering institution address line 4
50	Char (11)	intermediary bank BIC
51	Char (02) + Char (15)	intermediary bank NCC
52	Char (35)	intermediary bank name
53	Char (35)	intermediary bank address line 1
54	Char (35)	intermediary bank address line 2
55	Char (35)	intermediary bank address line 3
56	Char (35)	intermediary bank address line 4
57	Char (16)	foreign exchange deal number
58	Num (15,7)	fx exchange rate
59	Char (04)	additional codewords number 1

60	Char (29)	additional codewords text number 1

61	Char (04)	additional codewords number 2
62	Char (29)	additional codewords text number 2
63	Char (04)	additional codewords number 3
64	Char (29)	additional codewords text number 3
65	Char (04)	additional codewords number 4
66	Char (29)	additional codewords text number 4
67	Char (04)	additional codewords number 5
68	Char (29)	additional codewords text number 5
69	Char (04)	additional codewords number 6
70	Char (29)	additional codewords text number 6
71	Char (04)	additional codewords number 7
72	Char (29)	additional codewords text number 7
73	Char (04)	additional codewords number 8
74	Char (29)	additional codewords text number 8
75	Char (04)	additional codewords number 9
76	Char (29)	additional codewords text number 9
77	Char (04)	additional codewords number 10
78	Char (29)	additional codewords text number 10
79	Char (20)	template reference / bulk list reference
80	Char (20)	beneficiary identifier
81	Num (11)	import file reference
82	Char (50)	import file name
83	Timestamp (10)	date last amended
84	Char (40)	last amended by user ID
85	Char (40)	first authoriser user ID
86	Char (40)	second authoriser user ID
87	Char (35)	beneficiary institution name
88	Char (35)	beneficiary institution address line 1
89	Char (35)	beneficiary institution address line 2
90	Char (35)	beneficiary institution address line 3

Standing Order Report

The default file name is Standing_Order_Report_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (20)	account name
2	Num (06)	sort code
3	Num (08)	account number
4	Char (18)	beneficiary name
5	Char (06)	beneficiary sort code
6	Char (08)	beneficiary account number
7	Char (18)	payee reference
8	Char (02)	status
9	Num (15)	first payment amount
10	Char (08) in format DDMMCCYY	first payment date
11	Num (15)	next payment amount
12	Char (08) in format DDMMCCYY	next payment date
13	Num (15)	final payment amount
14	Char (08) in format DDMMCCYY	final payment date
15	Char (01)	frequency

Note 1: The sort codes in fields 2 and 5 are formatted as nnnnnn, for example 163221

Note 2: Payment amounts in fields 9, 11 and 13 include 2 decimal places and no thousand separators. For example, 12,345.60 will be exported as 12345.60

Direct Debit Report

The default file name is Direct_Debit_Report_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (20)	account name
2	Num (06)	sort code
3	Num (08)	account number
4	Char (18)	originator name
5	Char (18)	originator reference
6	Char (02)	status
7	Num (15)	last payment amount
8	Char (08) in format DDMMCCYY	last payment date
9	Char (01)	frequency

Note 1: The sort code in field 2 is formatted as nnnnnn, for example 163221

Note 2: Payment amounts in field 7 include 2 decimal places and no thousand separators. For example, 12,345.60 will be exported as 12345.60

European Direct Debit Report

The default file name is EUR_Direct_Debit_Report_dd-mm-yy_HH-MM-SS.csv and the export file is structured like this.

Field reference	Field type and size	Field name / description
1	Char (20)	account name
2	Char (14)	BIC
3	Char (06)	sort code
4	Char (08)	account number
5	Char (70)	originator name
6	Char (35)	originator reference
7	Char (09)	status
8	Char (03)	last payment currency
9	Char (18)	last payment amount
10	Char (18)	last payment amount in EUR
11	Char (16)	EUR exchange rate
12	Char (08) in format DDMMCCYY	last payment date
13	Char (01)	frequency
14	Char (140)	remittance information

Note 1: All numeric values in an account number held in field 4 will include leading zeros.

Note 2: Field 8 will contain the ISO Currency Code for the payment currency.

Note 3: Payment amounts in field 9 include 2 decimal places and no thousand separators. For example, 12,345.60 will be exported as 12345.60.

Note 4: Field 11 will only be populated if there has been a currency conversion and will include 5 decimal places.

Templates and bulk lists

You can export your Bankline templates and bulk lists from Bankline which will be in a different format to the other exports in this guide. These files are saved as a text file (.txt), which is the same format as a Bankline import file.

These files will have the file names:

- Bulk_rec_dd-mm-yy_HH-MM-SS.txt (if you're exporting a bulk list)
- Tem_rec_dd-mm-yy_HH-MM-SS.txt (if you're exporting a template)

For help with the content of these files, please take a look at our Bankline CSV importing guide. In this guide you'll see examples on the following pages:

- Standard domestic template, page 46
- Standard domestic bulk list, page 54

Additional information:

- Each file line will have an indicator that means all templates, when re-imported, won't have changeable debit accounts. If you want the templates to have editable debit accounts, you'll need to change the 'T' indicator (field T002) in the first line of the file to an 'E' before you import them.
- If the template type you're exporting is an IAT, CHAPS or International and has a beneficiary reference greater than 16 characters, it will be restricted to the first 16 characters when it's exported.
- IAT bulk lists cannot be exported.

For instructions on where to go in Bankline to export these records, visit our Support centre at **natwest.com/bankline**.