CRÉDIT AGRICOLE
LEASING & FACTORING

V9.0

Crédit Agricole Leasing & Factoring

SAF2IMX Format Definition

SAF2IMX – Format definition for inhouse clients

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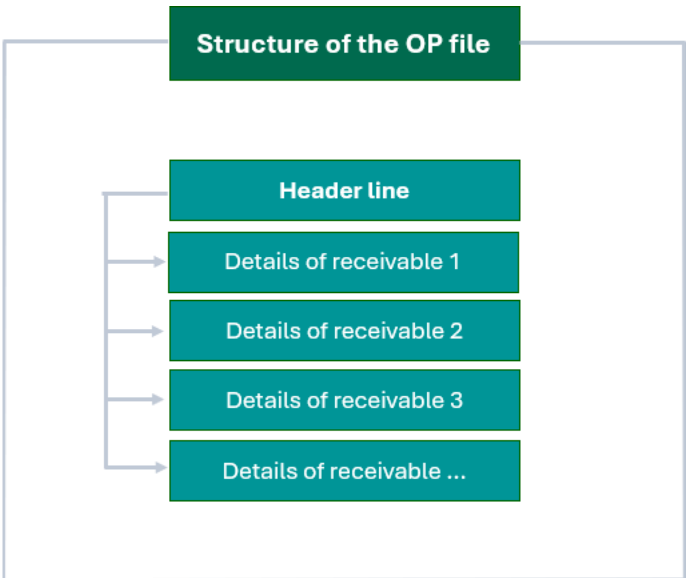
FORMAT OF OP FILES

A. GENERAL REQUIREMENTS FOR THE OP FILES

We offer a standard format for data exchange with our system. In the following, all general requirements that apply to each transmitted OP file are described first.

- ✓ The file name can only be used once. A file is rejected by the system if a file with the same name has already been uploaded.
- ✓ The file name must contain your contract number, the abbreviation for the Inhouse contract type **INH**, and the date in the format **YYYYMMDD**, separated by an underscore.
  - ⇨ e.g. DE12345_INH_20250501.csv
- ✓ If it is necessary to send a corrected file on one day due to an error, please add a suffix before the file extension (e.g. DE12345_INH_20250501**_02**.csv).
- ✓ Please use UTF-8 as the character encoding.
- ✓ The file must be a **CSV** file with the appropriate extension **.csv**.
- ✓ Please use the **semicolon** " **;** " as a separator for the individual data fields
- ✓ Please use the 10-digit string for dates in the format **DD.MM.YYYY** (01.05.2025).
- ✓ Please use commas as decimal separators for amounts and do not use thousands separators (e.g. 1234,56).
- ✓ Please use the 3-digit ISO 4217 codes to indicate currencies.
- ✓ The file consists of a header followed by the receivable lines.
- ✓ The data of the receivable lines must exist line by line in the file.
- ✓ Please use <CR><LF> (also \r\n) as a line break, as is usual in Microsoft Windows.



B. HEADER STRUCTURE

Please fill in the header from left to right with the following details:

position	designation	explanation
1	Identifier for the header line	By default, always set the value to **01** to mark the line as the header.
2	Contract type identifier	Please set the value **SAF**.
3	Factor ID (technical field)	Please set **EFAG** for German accounts by default. For Belgian **EFBE** and Dutch **EFNL**
4	Your contract number	Please always enter your **7-digit contract number** (e.g. DE12345). Your account manager will be happy to help you with any questions you may have.
5	Your client account ID	Please always include your **10-digit client number**, which you received from your account manager. If you want to submit in multiple currencies, leave this field blank.
6	Currency	Please note that this must be the **agreed currency of the contract**. The appropriate **3-digit ISO code** for the currency is provided by your account manager. If you want to submit in multiple currencies, leave the currency field blank.
7	Technical blank field	Please leave this field **blank**. There must be no character within the surrounding field separators.
8	Upload date	Please note the required order **day, month and year** (**DD.MM.YYYY**), e.g. 01.05.2025
9	Number of lines including header	Please specify the **total number of lines in the file**, i.e. the number of receivable lines plus a header.
10	Total amount of outstanding invoices	Please enter the sum of all **open invoice amounts**, excluding the use of currency abbreviations, signs and thousands separators. Please use the comma as decimal separator. If you do not have any invoices, please enter the amount "0,00"
11	Total amount of outstanding credit notes	Please enter the total amount of all outstanding credits, without the use of currency abbreviations, signs, and thousands separators. Please use the comma as decimal separator. If you do not have any credit notes, please enter the amount "0,00" anyway.

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```
DE12345_INH_20250501.csv
1  01;SAF;EFAG;DE12345;2004290276;EUR;;01.05.2025;3;10101,44;684,25
2  02;12015;Test Transport GmbH;91200423;24.05.2025;25.07.2025;EUR;18101,44;10101,44;D
3  02;84713;Beispieldebitor AG;94758816;25.05.2025;;EUR;684,25;684,25;C
length : 219    lines : 3    Ln : 1    Col : 1    Pos : 1    Windows (CR LF)    UTF-8    IN
```

A header for a German account would look like this in the CSV file:

01;SAF;EFAG;DE12345;2004290276;EUR;;01.05.2025;3;10101,44;684,25

Meaning of field values in the sample header

01	Marks the line as a header
SAF	Specify the upload format. SAF => Inhouse contract
EFAG	Flag for a German contract
DE12345	Your 7-digit contract number
2004290276	Your 10-digit customer account ID
EUR	Currency
	Technical blank field
01.05.2025	Upload date
3	Total number of lines in the file (header plus 2 receivable lines)
10101,44	Total open amounts of all invoices
684,25	Total open amounts of all credit notes

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C. STRUCTURE OF RECEIVABLE LINES

After the header line, the open items are inserted per line.

The details of the individual fields can be found on the following table:

position	designation	explanation	restriction
1	Identifier for receivables (technical field)	By default, always set the field value to 02 to mark the line as a receivable line.	Two-digit value
2	Debtor number	Please enter the number you have defined in your accounts for this debtor, e.g. 9990001.	Max. 20 characters
3	Debtor name	Please enter the complete name and place appropriate spaces, e.g. TEST TRANSPORT GMBH. You can also leave this field blank, since the debtor must be created before the OP upload.	Max. 50 characters
4	Document number	Please enter the relevant document number, e.g. invoice number.	Max. 20 characters
5	Invoice date / Credit note date	Please note the required order: day, month, year (DD.MM.YYYY); e.g. 01.05.2025.	
6	Due date	Please also note here the required order: day, month, year (DD.MM.YYYY); for example, 31.07.2025. In case of a credit note, you can leave this field blank. Please note, however, that the due date must never be earlier than the invoice date or the credit note date.	
7	Currency	Please use the currency abbreviations listed (ISO3). Please note that it is possible to specify different currencies in a file.	Max 3 characters
8	Total of invoice / Total of credit note	Please enter the total original (gross) invoice or credit amount. Please use a comma as the decimal separator. (e.g. 1234,56)	Max. 14 characters
10	Total outstanding invoice amounts / Total outstanding credit notes	Please enter the balance of the invoice/credit note still open (gross). Please use a comma as decimal separator. A thousand separator is not necessary. (e.g. 6543,21)	Max. 14 characters
11	Identifier for invoice or credit note	Please use the abbreviations D for invoice and C for credit note.	D=Debit, C=Credit

For example, in a CSV file, a receivable line for an invoice might look like this:

02;12015;Test Transport GmbH;91200423;24.05.2025;25.07.2025;EUR;18101,44;10101,44;D

Meaning of the field values in the receivable line for an invoice:

02	Marks the line as a receivable
12015	Debtor number
Test Transport	Debtor name
91200423	Document number
24.05.2025	Invoice date
25.07.2025	Due date
EUR	Currency
18101,44	Invoice amount
10101,44	Open invoice amount
D	Identifier D for debit. It is an invoice.

For example, a receivable line for a credit note might look like this:

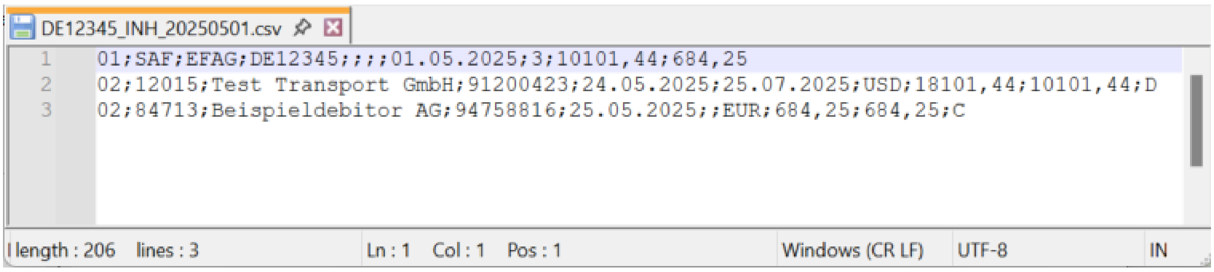
02;84713;Example Customer AG;94758816;25.05.2025;;EUR;684,25;684,25;C

Meaning of the field values in the receivable line for a credit note:

02	Marks the line as a receivable line
84713	Debtor number
Sample customer AG	Debtor name
94758816	Document number
25.05.2025	Credit date
	The due date can be blank for a credit note.
EUR	Currency
684,25	Amount of the credit note
684,25	Open amount of the credit note.
C	Identifier C is for credit note.

D. SUBMISSION IN MULTIPLE CURRENCIES

If you plan to submit in multiple currencies, please leave field 5 **Client account ID** and field 6 **Currency** blank in the header line.



01;SAF;EFAG;DE12345;;;01.05.2025;3;10101,44;684,25

E. CURRENCY ABBREVIATIONS

Please use the attached abbreviations for the respective currency. The currency code is based on ISO 4217 specifications (https://en.wikipedia.org/wiki/ISO_4217).

Abbreviation	Currency
CHF	Swiss franc
CNY	Chinese Renminbi
DKK	Danish krone
EUR	Euro
GBP	Pound sterling
JPY	Japanese yen
NOK	Norwegian krone
PLN	Polish złoty
SEK	Swedish krona
USD	United States dollar

If you need another currency or if your contract does not include the required currency, please contact your account manager.