



Invoice Insights

Raw data export specifications



Invoice Insights

proximus

Table of content

Table of content	2
1. Purpose	3
2. Functional specifications.....	3
3. Limitations.....	3
4. File format	4
5. File naming convention	4
6. Report format.....	5
6.1 Raw data export at company level / Raw data export at customer account level.....	5
6.2 Raw data export at CDR level.....	8

1. Purpose

The raw data export module in Invoice Insights allows to export a list of all Proximus mobile costs. References and cost centres managed within the Invoice Insights application are also included in the export.

Raw data exports are generally used as import to accounting or BI systems.

The raw data export module is available as a chargeable option to the Invoice Insights Plus or Invoice Insights Advanced subscriptions. Please contact your Account Manager for more information.

2. Functional specifications

- Three different raw data exports are available in Invoice Insights :
 - **Raw data export at company level:** export a list of all costs of all invoices of the selected month. This module is available in Invoice Overview.
 - **Raw data export at customer account level (invoice details):** export a list of all costs for the selected invoice of the selected month. This module is available in Invoice Details.
 - **Raw data export at CDR level (usage details):** export a list of all CDRs (Call Detail Records) for the selected invoice of the selected month. This module is available in Invoice Details.
- The export is generated on placing a request in the application. There is no pre-generation performed.
- Raw data exports include the references and cost centres managed within the Invoice Insights application. Modifications done to the references or to the cost centres are available in the raw data exports immediately after being processed.
- The export is available for all invoices available in Invoice Insights.
- The export will only include the data the user is authorized to see.
- Only authenticated Invoice Insights users having subscribed to Invoice Insights Plus Raw Data or Invoice Insights Advanced Raw Data can access the raw data export module.

3. Limitations

- One raw data export only includes the invoice data of one company. If a user is authorized on multiple companies, one export per company can be done.
- One raw data export only includes the invoice data of one month. If a user needs data spanning several months, either several exports can be done or the user can use the Invoice Insights Reporting module (Invoice Insights Advanced subscription).
- Export of CDR data (Call Detail Records) for multiple invoices in one file is not supported. This is due to the very high volumes of the CDR data. CDR data can however be exported per invoice.
- If the user performs an export per month, it is not guaranteed that all invoices for the month are already present. Additional invoices might be currently loading or scheduled in later bill cycles.
- Exports with a row count of higher than 1 million cannot be loaded in Microsoft Excel.
- The column headers are only available in English.

4. File format

- The files are offered as flat files (CSV).
- The first row contains the headers.
- The character encoding is UTF-8.
- The column-separator is configured as the pipe-sign ("|").
- The row-separator is configured as a newline (carriage-return + line-feed).
- If text in columns contains a separator or return, then the text will be represented using a pair of double quotes (" "). Only relevant columns are quoted.
- Amounts are shown in numeric values. Decimal points are a comma. There is no thousand separator.

5. File naming convention

Raw data export at company level:

InvoiceMonthExp_<CompanyID>_<selectedMonth[yyyyMMdd]>_<currentdatetime[yyyyMMddHHmmss]>.csv

Example: InvoiceMonthExp_82764123_20170201_20170227132617.csv

Raw data export at customer account level:

InvoiceExp_<CompanyID>_<CustomerAccountNumber>_<InvoiceNumber>_<currentdatetime[yyyyMMddHHmmss]>.csv

Example: InvoiceExp_82764123_5266155617_102981093_20170227132617.csv

Raw data export at CDR level:

CDRExp_<CompanyID>_<CustomerAccountNumber>_<InvoiceNumber>_<currentdatetime[yyyyMMddHHmmss]>.csv

Example: CDRExp_82764123_5266155617_102981093_20170227132617.csv

6. Report format

6.1 Raw data export at company level / Raw data export at customer account level

Note: formats of the raw data export at company level and the raw data export at customer account level are identical.

Field name	Explanation	Example	Format
Company Name	Legal name of the organization (National Companies Register)	Proximus NV	String (50)
Company ID	Proximus unique customer ID	827641231	String (30)
VAT Number	Company's VAT number	BE0202239951	String (50)
Customer Account Number	Customer Account Number (8 digit number mentioned on the invoice)	52661556	String (50)
Customer Account Name	Same as Customer Account Number (8 digit number mentioned on the invoice)	52661556	String (255)
Invoice Number	Invoice number	F171601206905	String (50)
Invoice Date	Invoice date	2017-02-07	ISO 8601 Date Format
Currency	Invoice currency	EUR	ISO 4217 Currency Code
Invoice amount excl VAT	Invoice amount excluding VAT	1315,3000	Numeric 4-decimal. Decimal point is a comma.
Invoice VAT amount	Invoice VAT amount	276,2100	Numeric 4-decimal. Decimal point is a comma.
Invoice amount incl VAT	Invoice amount including VAT	1591,5100	Numeric 4-decimal. Decimal point is a comma.
Addressee	Invoice addressee	Proximus NV	String (50)

Address	Invoice address	Koning Albert II- laan 27	String (50)
Postal Code	Invoice postal code	1000	String (30)
City	Invoice city	Brussels	String (50)
Country	Invoice country	Belgium	String (50)
Asset Type	Asset type (mobile, M2M or customer account)	Mobile	String (50)
Asset Identification	Asset identification value (mobile number or customer account number)	0496275122	String (50)
Name / Tariff Plan	Tariff plan or name of the addressee in case of Split billing	Smart Enterprise	String (50)
Start Date	Start date of the invoice line	2017-01-01	ISO 8601 Date Format
End Date	End date of the invoice line	2017-01-31	ISO 8601 Date Format
Cost Type	Cost type of the invoice line (subscriptions and bundles, usage, other charges and credits, discounts)	USAGE_COSTS	String (50). Keys : RECURRING, USAGE_COSTS, ONE_OFF, DISCOUNT_COSTS
Product Group Name	Product group name	Usage data national	String (50)
Product Name	Product name (shown in the language of the invoice)	Mobile data connections - Volume	String (255)
Product Display Name	Same as the Product Name	Mobile data connections - Volume	String (255)
Nr Seconds	Aggregated duration in seconds for voice calls	904	Integer
Nr Kbytes	Aggregated data volume in kbytes for data usage	130048	Integer
Nr Units	Aggregated number of units	3	Integer

Discount Amount	Total discount amount for the invoice line. This amount is only mentioned for information as each discount line is mentioned separately in this report.	2,4578	Numeric 4-decimals. Decimal point is a comma.
Amount Excl VAT	Gross amount excluding VAT	20,3327	Numeric 4-decimals. Decimal point is a comma.
VAT Rate	VAT rate	21,00	Numeric 2-decimal. Decimal point is a comma.
VAT Amount	VAT amount	4,2699	Numeric 4-decimals. Decimal point is a comma.
Amount Incl VAT	Gross amount including VAT	24,6026	Numeric 4-decimals. Decimal point is a comma.
Cost Centre Name	Name of the cost centre linked to the asset in Cost Centre Management. If no cost centre is linked to the asset, this field is empty.	[10011] Management Secretary	String (50)
Cost Centre Path	Cost centre hierarchy separated with backslashes in Cost Centre Management. If no cost centre is linked to the asset, this field is empty.	[10001] Board\[10011] Management Secretary	String (500)
Full Name	First name and last name linked to the asset in Reference Management / Asset Management. If no reference is linked to the asset, this field is empty.	Zwaan, Aad Jan	String (500)
Personnel Number	Personnel number linked to the asset in Reference Management / Asset Management. If no reference is linked to the asset, this field is empty.	id1734633 or AJZWAAN or 0000001	String (255)
Email Address	Email address linked to the asset in Reference Management / Asset Management. If no reference is linked to the asset, this field is empty.	A.Zwaan@proximus.com	String (255)

6.2 Raw data export at CDR level

Field name	Explanation	Example	Format
Company Name	Legal name of the organization (National Companies Register)	Proximus NV	String (50)
Company ID	Proximus unique customer ID	827641231	String (30)
VAT Number	Company's VAT number	BE0202239951	String (50)
Customer Account Number	Customer Account Number (8 digit number mentioned on the invoice)	52661556	String (50)
Customer Account Name	Same as Customer Account Number (8 digit number mentioned on the invoice)	52661556	String (255)
Invoice Number	Invoice number	F171601206905	String (50)
Invoice Date	Invoice date	2017-02-07	ISO 8601 Date Format
Currency	Invoice currency	EUR	ISO 4217 Currency Code
Addressee	Invoice addressee	Proximus NV	String (50)
Address	Invoice address	Koning Albert II-laan 27	String (50)
Postal Code	Invoice postal code	1000	String (30)
City	Invoice city	Brussels	String (50)
Country	Invoice country	Belgium	String (50)
Asset Type	Asset type (mobile, M2M or customer account)	Mobile	String (50)
Asset Identification	Asset identification value (mobile number or customer account number)	0496275122	String (50)
Name / Tariff Plan	Tariff plan or name of the addressee in case of Split billing	Smart Enterprise	String (50)
Product Group Name	Product group name	Usage data national	String (50)

Product Name	Product name (shown in the language of the invoice)	Mobile data connections - Volume	String (255)
Product Display Name	Same as the Product Name	Mobile data connections - Volume	String (255)
Country/Operator	Country or operator from which the service was used	SFR France	String (50)
Originating Country	Currently not available	Empty	N/A
Destination	Dialled number	32475151230	String (50)
Start date	Start date and time	2017-01-25T15:24:14	ISO 8601 datetime
Nr Seconds	Duration in seconds for voice calls	904	Integer
Nr Kbytes	Data volume in kbytes for data usage	130048	Integer
Nr Units	Number of units	1	Integer
Discount Amount	Total discount amount for the CDR. This amount is only mentioned for information.	2,4578	Numeric 4-decimals. Decimal point is a comma.
Amount Excl VAT	Gross amount excluding VAT	20,3327	Numeric 4-decimals. Decimal point is a comma.
VAT Rate	VAT rate	21,00	Numeric 2-decimal. Decimal point is a comma.
VAT Amount	VAT amount	4,2699	Numeric 4-decimals. Decimal point is a comma.
Amount Incl VAT	Gross amount including VAT	24,6026	Numeric 4-decimals. Decimal point is a comma.

Cost Centre Name	Name of the cost centre linked to the asset in Cost Centre Management. If no cost centre is linked to the asset, this field is empty.	[10011] Management Secretary	String (50)
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Full Name	First name and last name linked to the asset in Reference Management / Asset Management. If no reference is linked to the asset, this field is empty.	Zwaan, Aad Jan	String (500)
Personnel Number	Personnel number linked to the asset in Reference Management / Asset Management. If no reference is linked to the asset, this field is empty.	id1734633 or AJZWAAN or 0000001	String (255)
Email Address	Email address linked to the asset in Reference Management / Asset Management. If no reference is linked to the asset, this field is empty.	A.Zwaan@proximus.com	String (255)