Information and record description

Content Provider Information (CPI)

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# Version history

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Description** | **Made by** | **Approved by** |
| 1.0 | 2021-03-01 | Created document | Tomas Kristoffersson | Anders Göthberg |

# Information

Due to regulations, premium services are obligated to present name and contact information of the service provider on the invoice.

The purpose of the CPI file is to provide content provider information to the PayEx Billing system.

The content provider information data is an addition to the data sent in the CDRs.

In the CDR, the ID to a service provider is expected for premium services.

The data will be stored in one single source in the PayEx Billing system and may be used by all usage groups within a ledger.

Multiple ledgers can use information from this single source. The file should always be completed and contain all entries ever made for a certain provider code.

# Description

## File name format

**CPI\_Companynumber\_DateTime\_Sequencenumber[Info].DAT**

|  |  |
| --- | --- |
| **Name** | **Description** |
| CompanyNumber | Always 99999 for CPI-file |
| DateTime | Date created in format YYMMDDHHMMSS |
| Info | Provider specific code supplied by Payex |
| SequenceNumber | Is a five digit sequence number from 1-99999 |

Example: **CPI\_99999\_210102132603\_1[XXXXXX].DAT**

All fields are separated with semicolons ”;”.

The format field is written in the way that numerical values are written as N(n) and alphanumerical characters are written as X(n). where ”n” is the maximum number of characters/digits or in certain cases number of characters that must exist.

# Format description

## Header record - H

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field name** | **Field no.** | **Format** | **Type** | **Description** |
| Record type | 1 | H | Req. | Header record |
| File provider code | 2 | X(15) | Req. | File provider specific code supplied by Payex |
| File creation date | 3 | X(19) | Req. | Date on format yyyy-MM-dd HH:mm:ss |
| Version | 4 | N(2) | Req. | File format version, currently 1  |

## Provider record - P

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field name** | **Field no.** | **Format** | **Type** | **Description** |
| Record type | 1 | P | Req. | Provider |
| Content provider id | 2 | X(15) | Req. | Unique identifier for a specific content provider |
| Organization number | 3 | X(12) |  | Organization number for the content provider |
| Contact phone | 4 | X(60) |  | Phone number to the content provider help center |
| Contact email | 5 | X(30) |  | Email address to the content provider help center |
| Contact url | 6 | X(30) |  | URL to the content provider help center |
| VAT number | 7 | X(15) |  | Swedish VAT registration number |
| Legal name | 8 | X(50) |  | Content provider company name |
| Address line 1 | 9 | X(55) |  | Address |
| Address line 2 | 10 | X(55) |  | Address cont. |
| Zip code | 11 | X(16) |  | Postal zip code |
| City | 12 | X(30) |  | City |
| Country | 13 | X(30) |  | Country |

## Access record - A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field name** | **Field no.** | **Format** | **Type** | **Description** |
| Record type | 1 | A | Req. | Access |
| Content provider id | 2 | X(15) | Req. | Must be present in the provider section of the file |
| Access Id | 3 | X(8) |  | Unique identifier for a specific access |
| B number | 4 | X(32) |  | Phone number connected to the access |
| Start date | 5 | X(19) | Req. | Valid-from date for the access, format yyyy-MM-dd HH:mm:ss |
| End date | 6 | X(19) |  | Valid-to date for the access, format yyyy-MM-dd HH:mm:ss |
| Description | 7 | X(50) |  | Textual description of the content |
| Destination code | 8 | X(5) |  | Destination Code for mapping to Payex DP-file |

## Trailer record - T

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field name** | **Field no.** | **Format** | **Type** | **Description** |
| Record type | 1 | T | Req. | Trailer record |
| Number ofprovider records | 2 | N(8) | Req. | Number of provider records |
| Number ofaccess records | 3 | N(8) | Req. | Number of access records |

## Record constraints

Header- and Trailer-record are allowed only once.

Provider records are allowed any number of times and should be written directly after the header record. All Provider records should be written before any Access record.

Access records are allowed any number of times and should be written after the provider records. Please note that all access records must reference a valid provider record.

## Complete file example

Please note that this is a very simple example using a one-to-one relationship between provider and access where Content Provider Id is the reference between the two
records.

File name: CPI\_210101120000\_1[XXXXXX].DAT

**H;XXXXX;2021-02-01 12:00:00;1**

**P;P00234;5770523124;08-123456;contact@company.se;www.company.se;12378944;The Company;;;;;**

**P;P00235;5705231245;;customer.support@sales.se;www.sales.se;987445;Sales;;;;;**

**A;P00234;;;2008-01-01 00:00:00;;Ringtones;**

**A;P00235;;;2007-01-01 00:00:00;;Tunes;**

**T;2;2**