Smile Unscheduled Payment Import Format

Specification and Documentation
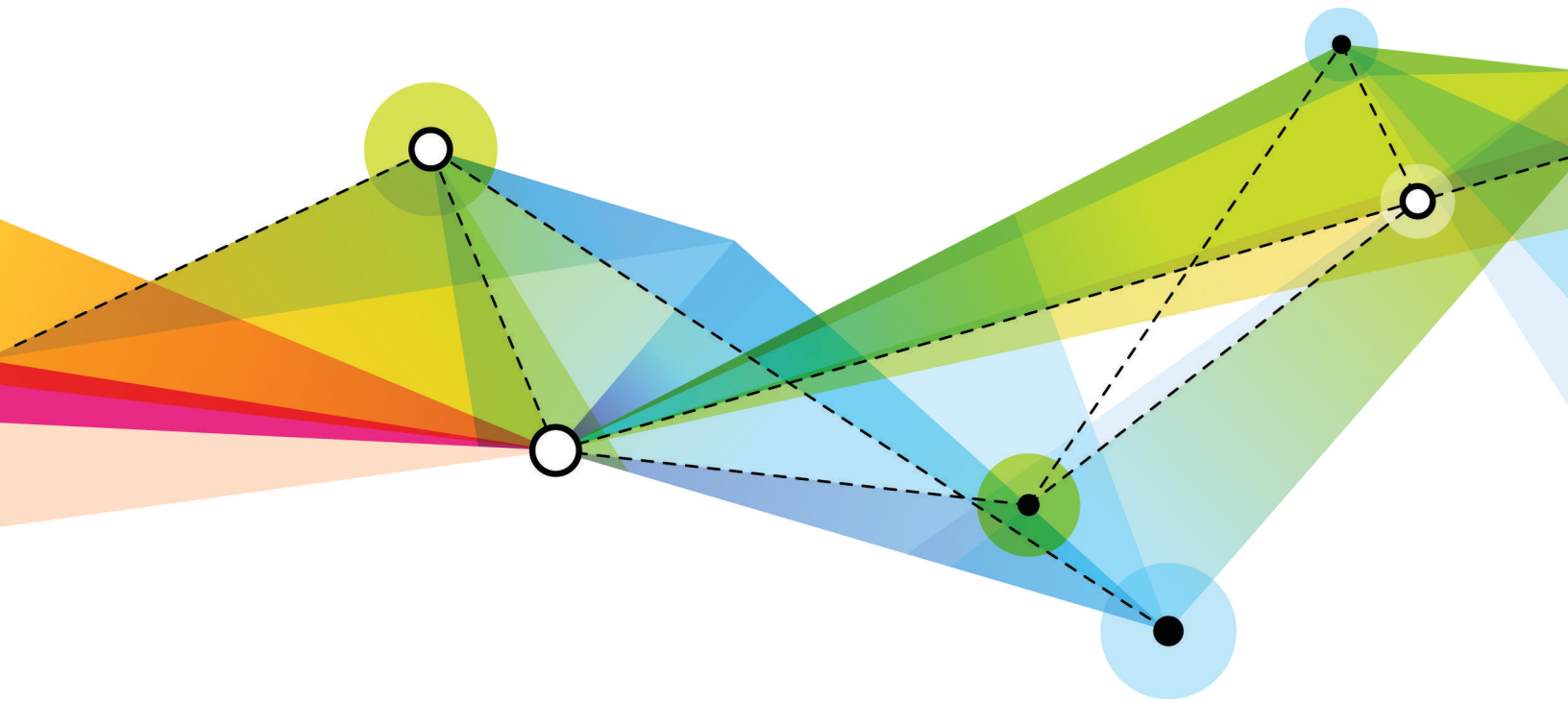
Unscheduled payment importer specification

Smile provides the ability to import a Comma Separated Values (CSV) file with the results of externally initiated payments. These are payments not generated by Smile.

File format

A payment importer file is a CSV formatted document containing three record types:

- **header**—contains the column names for the entry records
- **entry**— contains the actual import data of interest, one entry for each subscription
- **footer**—contains summary data about the import that can be used to verify successful import of the file

Commas separating unused columns at the end of a line may not be omitted.

Header

The first record is a single header record containing column names for the entry records, separated by commas.

A header record has a Record Type of '**H**' or '**Record Type**'.

```
Record Type,Smile Account Identifier,Smile Account ID Type,Name
Field,Hint,Branch Number Field,Expiry Date Field[,...]
```

Entry

An entry record contains the actual import data of interest. One entry record for each payment.

An entry record has a Record Type of '**E**'.

Table 1: Entry record field definition

Col	Field name	Data type	Description	Required?
0	Record Type	Text	'E' for payment record	Yes
1	Smile Account Identifier	Text	The identifier of the account to credit with the payment	Yes
2	Smile Account ID Type	Text	The type of Smile Account Identifier. Allowed values: - UCN - Alternate Account Number	Yes

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Col	Field name	Data type	Description	Required?
3	Name Field	Text	Needs to be configured in payment method. No Maps to the Name field of payment type, whose label is configured against the payment type.	No
4	Hint	Text	Needs to be configured in payment method. This requires the hint type on the payment type to be set to full number.	No
5	Branch Number Field	Text	Needs to be configured in payment method. Maps to the Branch Number field of payment type, whose label is configured against the payment type.	No
6	Expiry Date Field	Text	Needs to be configured in payment method. Is in the form MM/YY. Maps to the Expiry Date field of payment type, whose label is configured against the payment type.	No
7	Payment Type Cde	Text	The code name of a pre-configured manual payment type	Yes
8	Amount Paid	Number, (no separators or currency symbol)	Total amount transferred from customer which includes invoiced amount and surcharge	Yes
9	Surcharge Amount	Number, (no separators or currency symbol)	Amount charged due to paying via a particular payment method. If a surcharge is charged the payment method will need to be configured and the surcharge value will be required.	If a surcharge is charge
10	Surcharge Processing Mode	Text	The processing mode of the surcharge amount. Allowed values: • Verify	No, defaults to Verify
11	Payment Reference	Text	Reference number (receipt number) from the system accepting payment	Yes
12	Effective Timestamp	Time Stamp ISO Standard	Date and time of payment transaction. Formatted YYYY-MM- DDThh:mm:ss.sss+Z. For example: 2010-01-01T01:00:00.000+11:00.	Yes
13	Result	Text	The result of a payment attempt. Allowed values: • Accepted	Yes, defaults to Accepted

Col	Field name	Data type	Description	Required?
14	Allocation Type	Text	The way the payment will be allocated on the account. Allowed values: • None • Auto	No, defaults to manual allocation
15	Message	Text	A message to be recorded on the payment	No

Footer

The payment import CSVs last row is always a footer record. The footer records contain summary data about the download that can be used to verify successful transfer of the file.

A footer record has a Record Type of '**F**'.

Table 2: Footer field definition

Col	Field name	Data type	Description	Required?
0	Record Type	Text	'F' for footer record	Yes
1	Entry Count	Number	The number of entries in this file	Yes

Example file

```
H,Smile Account Identifier,Smile Account Id Type,Name,Hint,Branch
 Number,Expiry Date,Payment Type Code,Amount Paid,Surcharge
 Amount,Surcharge Processing Mode,Payment Reference,Effective
 Timestamp,Result,Allocation Type,Message
E,1000000008,UCN,,,,,Cash,1000.00,,Verify,001,2013-10-20T10:00:00+11:00,
 Accepted,,this is a message
E,CN888,AlternateAccount Number,Joe
 Smith,789....2345,,10/20,Visa,1020,20,Verify,002,
 2013-10-20T11:00:00+11:00,Accepted,Auto,
F
```

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