



# SecurePay Batch File Specification & Upload Procedure

# Document Control

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# Introduction

SecurePay Batch is a method for uploading a set of transactions in a file for processing once daily.

Merchants wishing to use SecurePay Batch can simply collate their daily credit card or direct debit transaction details into text files, either manually or extract directly from their database or platform, formatted in the SecurePay-specified format. There must be separate files for credit card transactions and direct debit transactions.

## Scope

This document will detail only procedures pertaining to formatting and uploading of files for batch processing using the SecurePay Batch product.

## Intended Audience

This document is intended for a technical audience wanting to generate a SecurePay Batch file and upload for processing.

## How to use SecurePay's Batch

This document explains the procedure for generating and submitting batch payments using the SecurePay Batch product.

There are multiple batch file formats included in this guide, each format is intended to fulfil different user requirements. Depending on your business needs, you may need to use multiple formats. Only one of each Transaction batch format may be uploaded for processing each day. Card storage batches are processed immediately upon upload, as such you can process multiple per day if required.

Credit Card Transaction Batch	Credit Card Storage Batch	Direct Entry Transaction Batch	Direct Entry Account Storage Batch
<p>This format is used for processing transactions against customer credit cards, it includes the following features:</p> <ul style="list-style-type: none"><li>• Payments</li><li>• Pre-authorisations</li><li>• Completes</li><li>• Triggered payments</li><li>• Refunds</li><li>• Recurring Flag</li></ul> <p>(Note: This is no longer supported on Version 7)</p>	<p>This format is used for card storage and management. It allows you to store new cards in SecurePay's Payor table or delete existing Payors.</p>	<p>This format is used for processing Direct Entry transactions. A Direct Entry is a method of processing funds directly against a customer's bank account, this encompasses both Direct Debit and Direct Credit.</p>	<p>This format is used for bank account detail storage and management. It allows you to store new cards in SecurePay's Payor table or delete existing Payors.</p>

Once you have selected the batch format which meets your needs, you will need to generate a file in a CSV format as per the format detailed for the relevant file. You will find the full file specifications in Sections 2 and 3.

These files are then uploaded to SecurePay's server by logging in to the Secure Merchant Login. Upon submission the files are automatically encrypted using 128-bit encryption and uploaded to SecurePay's server. You can find more information on this process in Section 4.

SecurePay's Batch Processor will begin processing credit card transaction files at **5:30 PM** and Direct Debit Transaction files at **4:40 PM**. Credit Card and Direct Entry Storage files are processed immediately.

As soon as the batch files are received, they are validated, and any invalid records are filtered out into a separate file and emailed to the specified address.

Transactions that have been processed can be found via a transaction search.

Merchants can be configured to receive a daily transaction report which will display the result of their batch payments. This is sent by 8:00 AM the following day.

## Feedback

Continuous improvement is one of SecurePay's core values. We welcome any feedback you have on our integration guides to help us improve any future changes to our products.

If you wish to leave feedback, please [click here](#).

# Card File Formats

## Credit Card Transaction File Format (Version 4)

**Note:** For Visa and Mastercard cards and selected acquiring banks (NAB and fiserv FDMSA)

- *\*Credit Card Transactions using Payor ID for a Triggered Payment (Transaction Type = T) will be sent to the bank with Standing Instruction Type = 3 (UCOF). A Standing Instruction ID will be returned by the scheme which will be stored against the payor and the transaction record. Please refer to Version 7 for more details on this field.*
  - ***\*Please note Merchant Initiated Transaction functionality is not available yet. We will advise you of the date and provide detailed instructions ahead of the changes.***

### 1. File Name

The file must have an extension of “.txt”, “.csv” or “.dat”.

### 2. File Contents

#### 2.1. Header

The first line of the batch file must read:

```
BATCHVERSION=4
```

Previous versions of the batch file format are not provided in this document.

#### 2.2. Records

The file should contain one transaction per line.

Each line must contain 5 to 6 fields, each field must be separated by a comma character. The comma character cannot be used elsewhere within any of the data fields.

Fields in each line are as follows:

Field	Description	Required	Format	Example
1	Transaction Type	Yes	P = Payment R = Refund A = Pre-authorise C = Pre-auth complete V = Recurring T = Triggered payment	P
2	Card Number / Payor ID	Trans Type 'P', 'A', 'T' and 'V'	Field must contain the full card number with no spaces.  If provided for a refund or pre-auth	4444333322221111

		Optional for Trans Type 'R' and 'C'	complete, the card number must match that of the original payment or pre-authorisation. If not provided, the card number of the original payment or pre-authorisation will be used.  For triggered payments the field must contain the Payor ID, previously stored in SecurePay's database.	
3	Expiry Date	Trans Type 'P', 'A' and 'V'  Optional for Trans Type 'R' and 'C'	MM/YY  MM is a 2-digit month, e.g. January is "01".  YY is a 2-digit year, e.g. 2024 is "24".  If provided for a refund or pre-auth complete, the expiry date must match the current expiry date of the card used for the original payment or pre-authorisation. If not provided, the expiry date of the original payment or pre-authorisation will be used.  For triggered payments the expiry date field is not required as the value stored in the database will be used.	01/24
4	Amount	Trans Type 'P', 'R', 'A', 'C' and 'V'  Optional for Trans Type 'T'	Amount is in cents, with no currency formatting. E.g. \$125.17 is passed as 12517. \$21.00 is sent as 2100.  For a refund, an amount less than or equal to the original	12517 or 12517-AUD 14000-JPY 8700-USD 19012-EUR

			<p>payment amount may be specified. Multiple refunds may be processed on one payment, up to a total of the original payment amount.</p> <p>For a pre-auth complete, an amount less than or equal to the original pre-authorized amount may be specified, however only a single pre-auth complete transaction may be processed for each pre-authorisation.</p> <p>If not specified for a Triggered payment the default amount configured for this Payor ID will be used.</p>	etc.
	(Currency)	<p>Optional for Trans Type 'P', 'A' and 'V'</p> <p>Ignored for Trans Type 'R', 'C' and 'T'</p>	<p><b><u>Currency Code optional sub-field</u></b></p> <p>This field may also contain an optional sub-field containing a currency code. To use this feature, you must meet SecurePay's and your bank's multicurrency trading requirements. Contact SecurePay Support and your bank for further details. If used, this sub-field is a 3-character ISO currency code, separated from the amount by a hyphen character. If this field exists, then the amount field is determined to be in the base unit of the specified currency. E.g. 12517-AUD is 12517 Australian cents, or \$125.17.</p>	



			<p>12517-JPY is 12,517 Japanese Yen, since yen does not have a smaller currency component.</p> <p>See (Appendix A) for a list of major supported currencies.</p> <p>For refunds and pre-auth completes, the currency code is ignored, and SecurePay uses the currency relating to the original payment or pre-authorisation as stored in our database.</p>	
5	Reference	Yes	<p>A unique sequence of up to 30 characters, containing no white space, which you will use to reference this transaction with SecurePay.</p> <p>For refunds and pre-auth completes, the reference field must match the reference field of the original payment or pre-authorisation.</p> <p>For triggered payments this will override any stored Transaction Reference associated with a Payor record.</p>	TransRef0001
6	Bank Auth	Trans Type 'R' and 'C' only	<p>For a refund, this field should contain the Bank Transaction ID of the original payment.</p> <p>For a pre-auth complete, this field should contain the Pre-auth Code of the original pre-authorisation.</p>	000123

			For other transaction types, this field can be either omitted or blank.	
--	--	--	---	--

### 2.3. Sample File

```

BATCHVERSION=4
P,4444333322221111,07/18,24350,TransRef00000101
V,5123456789012346,09/17,2300,TransRef00000102
R,371234567890120,06/08,1400,TransRef00000087,056128
R,,,1400,TransRef00000109,042190
A,4444333322221111,09/20,21000,TransRef00000103
C,5123456789012346,08/20,4400,TransRef00000091,218400
C,,,2000,TransRef00000066,148711
P,371234567890120,06/18,21560-USD,TransRef00000104
T,Payor123,,2999,TransRef00000107
T,Payor123,,

```

#### Description of Sample File Lines

1. Header line: Must contain the value "BATCHVERSION=4".
2. Payment for AUD \$243.50.
3. Payment for AUD \$23.00 flagged as recurring.
4. Refund of AUD \$14.00 with original reference of "TransRef00000087" and Bank Transaction ID of "056128".
5. Cardless Refund of AUD \$22.00 with original reference of "TransRef00000109" and Bank Transaction ID of "042190".
6. Pre-authorisation for AUD \$210.00.
7. Pre-authorisation complete of AUD \$44.00 with original reference of "TransRef00000091" and Pre-Auth Code of "218400".
8. Cardless Pre-authorisation Complete of AUD \$20.00 with original reference of "TransRef00000066" and Pre-Auth Code of "148711".
9. Payment for USD \$215.60.
10. Payment for AUD \$29.99 with credit card details retrieved from SecurePay database from a stored Payor with a Payor ID of "Payor123" with a customer transaction reference of "TransRef00000107".
11. Payment with credit card details retrieved from SecurePay database from a stored Payor with a Payor ID of "Payor123". The amount and transaction reference will be the default amount configured for this Payor ID.

## Credit Card Transaction File Format (Version 7)

**Note:** Please note this file version is not available yet. **We will advise you of the date and provide detailed instructions ahead of the changes.** The version 7 is only applicable to merchants acquiring with NAB and fiserv FDMSA.

### 1. File Name

The file must have an extension of “.txt”, “.csv” or “.dat”.

### 2. File Contents

#### 2.1. Header

The first line of the batch file must read:

```
BATCHVERSION=7
```

#### 2.2. Records

The file should contain one transaction per line.

Each line must contain 9 fields, each field must be separated by a comma character even for optional fields. The comma character cannot be used elsewhere within any of the data fields.

Fields in each line are as follows:

Field	Description	Required	Format	Example
1	Transaction Type	Yes	P = Payment R = Refund A = Pre-authorise C = Pre-auth complete T = Triggered payment	P
2	Card Number / Payor ID	Trans Type 'P', 'A', and 'T'  Optional for Trans Type 'R' and 'C'	Field must contain the full card number with no spaces.  If provided for a refund or pre-auth complete, the card number must match that of the original payment or pre-authorisation. If not provided, the card number of the original payment or pre-authorisation will be used.	4444333322221111

			For triggered payments the field must contain the Payor ID, previously stored in SecurePay's database.	
3	Customer Code	Optional when Payor ID is used in Field 2	<p>The unique identifier of your customer which was sent along with the Payor ID during storage.</p> <p>For triggered payments, this must contain the Customer Code, previously stored with the Payor ID in SecurePay's database.</p>	CRN123
4	Expiry Date	<p>Trans Type 'P' and 'A'</p> <p>Optional for Trans Type 'R' and 'C'</p>	<p>MM/YY</p> <p>MM is a 2-digit month, e.g. January is "01".</p> <p>YY is a 2-digit year, e.g. 2024 is "24".</p> <p>If provided for a refund or pre-auth complete, the expiry date must match the current expiry date of the card used for the original payment or pre-authorisation. If not provided, the expiry date of the original payment or pre-authorisation will be used.</p> <p>For triggered payments the expiry date field is not required as the value stored in the database will be used.</p>	01/24

5	Amount	<p>Trans Type 'P', 'R', 'A' and 'C'</p> <p>Optional for Trans Type 'T'</p>	<p>Amount is in cents, with no currency formatting. E.g. \$125.17 is passed as 12517. \$21.00 is sent as 2100.</p> <p>For a refund, an amount less than or equal to the original payment amount may be specified. Multiple refunds may be processed on one payment, up to a total of the original payment amount.</p> <p>For a pre-auth complete, an amount less than or equal to the original pre-authorised amount may be specified, however only a single pre-auth complete transaction may be processed for each pre-authorisation.</p> <p>If not specified for a Triggered payment the default amount configured for this Payor ID will be used.</p>	<p>12517</p> <p>or</p> <p>12517-AUD</p> <p>14000-JPY</p> <p>8700-USD</p> <p>19012-EUR</p> <p>etc.</p>
	(Currency)	<p>Optional for Trans Type 'P' and 'A'</p> <p>Ignored for Trans Type 'R', 'C' and 'T'</p>	<p><b><u>Currency Code optional sub-field</u></b></p> <p>This field may also contain an optional sub-field containing a currency code. To use this feature, you must meet SecurePay's and your bank's multicurrency trading requirements. Contact SecurePay Support and your bank for further details. If used, this sub-field is a 3-character ISO currency code, separated from the</p>	

			<p>amount by a hyphen character. If this field exists, then the amount field is determined to be in the base unit of the specified currency. E.g. 12517-AUD is 12517 Australian cents, or \$125.17. 12517-JPY is 12,517 Japanese Yen, since yen does not have a smaller currency component.</p> <p>See (Appendix A) for a list of major supported currencies.</p> <p>For refunds and pre-auth completes, the currency code is ignored, and SecurePay uses the currency relating to the original payment or pre-authorisation as stored in our database.</p>	
6	Reference	Yes	<p>A unique sequence of up to 30 characters, containing no white space, which you will use to reference this transaction with SecurePay.</p> <p>For refunds and pre-auth completes, the reference field must match the reference field of the original payment or pre-authorisation.</p> <p>For triggered payments this will override any stored Transaction Reference associated with a Payor record.</p>	TransRef0001

7	Bank Auth	Trans Type 'R' and 'C' only	<p>For a refund, this field should contain the Bank Transaction ID of the original payment.</p> <p>For a pre-auth complete, this field should contain the Pre-auth Code of the original pre-authorisation.</p> <p>For other transaction types, this field can be either omitted or blank.</p>	000123
8	Standing Instruction Type	<p>Optional if Trans Type is 'T' in Field 1 and Payor ID is used in Field 2</p> <p>Required if sending the Standing Instruction ID</p>	<p>This applies to Visa and Mastercard cards only.</p> <p>This field is to be used to specify the standing instruction.</p> <p>1 - Recurring 2 - Instalment 3 – Unscheduled Credential On File (UCOF)</p> <p>If this field is not provided and Trans Type is 'T' and Payor ID is used, SecurePay will default this to UCOF.</p> <p>It is recommended to pass this for Merchant-managed schedules if it's not UCOF.</p> <p>A standing instruction ID will be returned by the scheme and will be stored against the payor and the transaction in the SecurePay system, if it is the initial transaction.</p>	3
9	Standing Instruction ID	Optional when Transaction	This applies to Visa and Mastercard cards only.	5785c351efab425

		Type is "T" in Field 1 and Payor ID is used in Field 2	<p>The standing instruction ID returned from the first transaction, either during initial payment or card storage.</p> <p>This value is visible in Merchant Portal.</p> <p>It is recommended to pass this for Merchant-managed schedules. When this is passed, subsequent transactions will be linked to the initial transaction when viewed in Merchant Portal.</p>	
--	--	--	--	--

### 2.3. Sample File

```

BATCHVERSION=7
P,4444333322221111,,07/18,24350,TransRef00000101,,,
R,371234567890120,,06/08,1400,TransRef00000087,056128,,
R,,,,1400,TransRef00000109,042190,,
A,4444333322221111,,09/20,21000,TransRef00000103,,,
C,5123456789012346,,08/20,4400,TransRef00000091,218400,,
C,,,,2000,TransRef00000066,148711,,
P,371234567890120,,06/18,21560-USD,TransRef00000104,,,
T,Payor123,,,2999,TransRef00000107,,,
T,Payor123,,,,,,
P,Payor123,CusCode123,,4500, TransRef0000066,,1,5785c351efab425

```

#### Description of Sample File Lines

1. Header line: Must contain the value "BATCHVERSION=7".
2. Payment for AUD \$243.50.
3. Refund of AUD \$14.00 with original reference of "TransRef00000087" and Bank Transaction ID of "056128".
4. Cardless Refund of AUD \$22.00 with original reference of "TransRef00000109" and Bank Transaction ID of "042190".
5. Pre-authorisation for AUD \$210.00.



6. Pre-authorisation complete of AUD \$44.00 with original reference of "TransRef00000091" and Pre-Auth Code of "218400".
7. Cardless Pre-authorisation Complete of AUD \$20.00 with original reference of "TransRef0000066" and Pre-Auth Code of "148711".
8. Payment for USD \$215.60.
9. Payment for AUD \$29.99 with credit card details retrieved from SecurePay database from a stored Payor with a Payor ID of "Payor123" with a customer transaction reference of "TransRef00000107".
10. Payment with credit card details retrieved from SecurePay database from a stored Payor with a Payor ID of "Payor123". The amount and transaction reference will be the default amount configured for this Payor ID.
11. Payment for AUD \$45.00 with credit card details retrieved from SecurePay database from a stored Payor with a Payor ID of "Payor123" and Customer Code of "CusCode123". The payment relates to an earlier transaction where the Standing Instruction Type is "1" (recurring) and the Standing Instruction ID is "5785c351efab425"

## Credit Card Storage File Format (Version 6)

**Note:** Please note this file version is not available yet. **We will advise you of the date and provide detailed instructions ahead of the changes.** The version 6 is only applicable to merchants acquiring with NAB and fiserv FDMSA.

- For Visa and Mastercard cards, an account verification will be initiated to verify the card before it gets stored. This verification step is a mandatory requirement from schemes which will help reduce customer complaints and improve approval rates.

### 1. File Name

The file must have an extension of “.txt”, “.csv” or “.dat”.

### 2. File Contents

#### 2.1. Header

This file is not used for processing payments like versions 4 and 7 file. It's used to add and delete payors with credit card details, the first line of the batch file must read:

```
BATCHVERSION=6
```

#### 2.2. Records

The file should contain one transaction per line.

Each line must contain 7 or 2-3 fields, each field must be separated by a comma character even for optional fields. The comma character cannot be used elsewhere within any of the data fields.

Fields in each line are as follows:

Field	Description	Required	Format	Example
1	Record Type	Yes	A = Add D = Delete  For record type = A, ensure that you have customer's agreement before storing their card.	A
2	Payor ID	Yes	A unique sequence of up to 20 characters, containing no white space, which you will use to reference this transaction with SecurePay.  Payor ID is used when triggering	ID1

			payments and deleting Payors.	
3	Customer Code	No	<p>The unique identifier of your customer which can be used in conjunction with the Payor ID.</p> <p>For any Payor ID created with a Customer Code, this must also be passed when triggering payments and when deleting a Payor ID.</p>	CRN123
4	Card Number	Record Type 'A'	Field must contain the full card number with no spaces.	4444333322221111
5	Expiry Date	Record Type 'A'	<p>MM/YY</p> <p>MM is a 2-digit month, e.g. January is "01".</p> <p>YY is a 2-digit year, e.g. 2016 is "24".</p>	01/24
6	Amount	Record Type 'A'	Amount is in cents, with no currency formatting. E.g. \$125.17 is passed as 12517. \$21.00 is sent as 2100.	<p>12517</p> <p>or</p> <p>12517-AUD</p> <p>14000-JPY</p> <p>8700-USD</p> <p>19012-EUR</p> <p>etc.</p>
	(Currency)	<p>Optional for Trans Type 'P', 'A' and 'V'</p> <p>Ignored for Trans Type 'R', 'C' and 'T'</p>	<p><b><u>Currency Code optional sub-field</u></b></p> <p>This field may also contain an optional sub-field containing a currency code. To use this feature, you must meet SecurePay's and your bank's multicurrency trading requirements. Contact SecurePay Support and your bank for further details. If used, this sub-field is a 3-</p>	

			<p>character ISO currency code, separated from the amount by a hyphen character. If this field exists, then the amount field is determined to be in the base unit of the specified currency. E.g. 12517-AUD is 12517 Australian cents, or \$125.17. 12517-JPY is 12,517 Japanese Yen, since yen does not have a smaller currency component.</p> <p>See (Appendix A) for a list of major supported currencies.</p>	
7	Standing Instruction Type	<p>Optional for Record Type 'A'</p> <p>Not required for Record Type 'D'</p>	<p>This applies to Visa and Mastercard cards only.</p> <p>This field is to be used to specify the standing instruction.</p> <p>1 - Recurring</p> <p>2 - Instalment</p> <p>3 – Unscheduled Credential On File (UCOF)</p> <p>If this field is not provided, SecurePay will default this to UCOF.</p> <p>An account verification will be initiated to verify the card before it gets stored, and the request will be sent to the bank with the standing instruction type provided.</p> <p>A Standing Instruction ID (SIID) will be returned by the scheme and will be stored along with the Payor ID.</p>	1

### 2.3. Sample File

```
BATCHVERSION=6  
A,ID1,,4444333322221111,07/08,24350,  
A,ID2,CCode1,5123456789012346,09/07,2300-USD,3  
D,ID3  
D,ID4,CCode2
```

#### **Description of Sample File lines**

1. Header line: Must contain the value "BATCHVERSION=6".
2. Store new card with default amount of AUD \$243.50 and Payor ID "ID1" and no Customer Code and Standing Instruction Type.
3. Store new card with default amount of USD \$23.00 and Payor ID "ID2" with Customer Code "CCode1" and Standing Instruction Type "3".
4. Delete payor with Payor ID "ID3"
5. Delete payor with Payor ID "ID4" and Customer Code "CCode2"

# Direct Entry (Bank Account) File Formats

## Direct Entry Transaction File Format (Version 2)

### 1. File Name

The file must have an extension of “.txt”, “.csv” or “.dat”.

### 2. File Contents

#### 2.1. Header

The first line of the batch file must read:

```
BATCHVERSION=2
```

Previous versions of the batch file format are not provided in this document.

#### 2.2. Records

The file should contain one transaction per line.

Each line can be either a Payment (P) or a Triggered Payment (T), specified in the formats below.

##### 2.2.1. Payment Records

Each line must contain 6 fields, each field must be separated by a comma character. The comma character cannot be used elsewhere within any of the data fields. Only the account name field may contain spaces between words.

Fields in each line are as follows:

Field	Description	Required	Format	Example
1	Transaction Type	Yes	P = Payment	P
2	BSB Number	Yes	Either 6 digits, or 2 groups of 3 digits, separated by a hyphen character.	012345 or 012-345
3	Account Number	Yes	Between 1 and 9 digits. The account number should only contain leading zeroes if they are specified by the customer's bank as part of the account number.	9876543
4	Account Name	Yes	Between 1 and 32 characters.	M & J Smith Pty. Ltd.

			All characters used in this field must belong to the EBCIDEC characters set (see Appendix B). If any other character is used in this field, the payment may not be processed.	
5	Amount	Yes	<p>Amount is in cents, with no currency formatting. E.g. \$125.17 is passed as 12517. \$21.00 is sent as 2100.</p> <p><b><u>Direct Credit</u></b></p> <p>A negative value (preceded with a hyphen) indicates that the transaction is to be processed as a Direct Credit. The BSB and account numbers specified in transaction details will be credited with the specified amount from your bank account. Your SecurePay Merchant ID must be enabled for Direct Credit before using this feature.</p>	<p>12517 (direct debit)</p> <p>or</p> <p>-12517 (direct credit)</p>
6	Reference	Yes	<p>A unique sequence of up to 18 characters, containing no white space, which you will use to reference this transaction with SecurePay.</p> <p>All characters used in this field must belong to the EBCIDEC characters set (see Appendix B). If any other character is used in this field, the payment may not be processed.</p>	TransRef0001

			This field will be used as the textual descriptor on the customer's bank statement.	
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### 2.2.2. Triggered Payment Records

Each line must contain 4 fields, each field must be separated by a comma character. The comma character cannot be used elsewhere within any of the data fields. Only the account name field may contain spaces between words.

Fields in each line are as follows:

Field	Description	Required	Format	Example
1	Transaction Type	Yes	T = Triggered	T
2	Payor ID	Yes	A unique sequence of up to 20 characters, containing no white space, which you will use to reference this transaction with SecurePay.  The Payor must be stored prior to triggering.	Payor1
3	Amount	Yes	Amount is in cents, with no currency formatting. E.g. \$125.17 is passed as 12517. \$21.00 is sent as 2100.  <b><u>Direct Credit</u></b>  A negative value (preceded with a hyphen) indicates that the transaction is to be processed as a Direct Credit. The BSB and account numbers specified in transaction details will be <u>credited</u> with the specified amount from your bank account.  Your SecurePay Merchant ID must be	12517 (direct debit) or -12517 (direct credit)



			enabled for Direct Credit before using this feature.	
4	Reference	Yes	<p>A unique sequence of up to 18 characters, containing no white space, which you will use to reference this transaction with SecurePay.</p> <p><u>All</u> characters used in this field must belong to the EBCIDEC characters set (see Appendix B). If any other character is used in this field, the payment may not be processed.</p> <p>This field will be used as the textual descriptor on the customer's bank statement.</p>	TransRef0001

### 2.3. Sample File

```

BATCHVERSION=2
P,123-123,1234567,John Smith,100,TransRef00000811
P,123-123,1234567,John Smith,-100,TransRef00000812
T,ID1,1000,TransRef00000813
T,ID4,-100,TransRef00000814

```

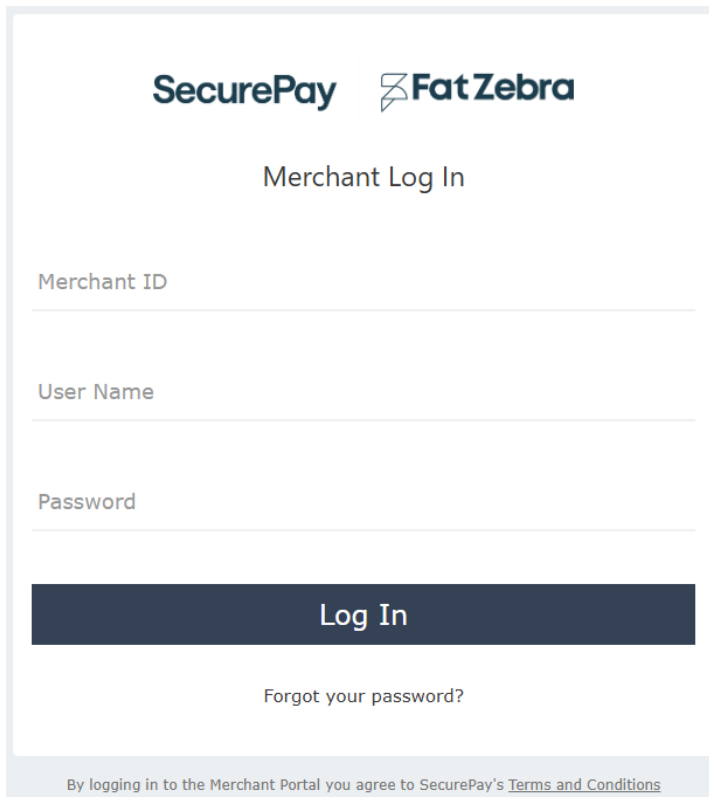
#### **Description of Sample File Lines**

1. Header line: Must contain the value "BATCHVERSION=2".
2. Direct debit for \$1.00, debiting John Smith's account with BSB 123-123 and account number 1234567.
3. Direct credit for \$1.00, crediting John Smith's account with BSB 123-123 and account number 1234567.
4. Triggered direct debit for \$10.00, debiting the bank account stored for Payor ID1.
5. Triggered direct credit for \$1.00, crediting the bank account stored for Payee ID4.

# Uploading the File

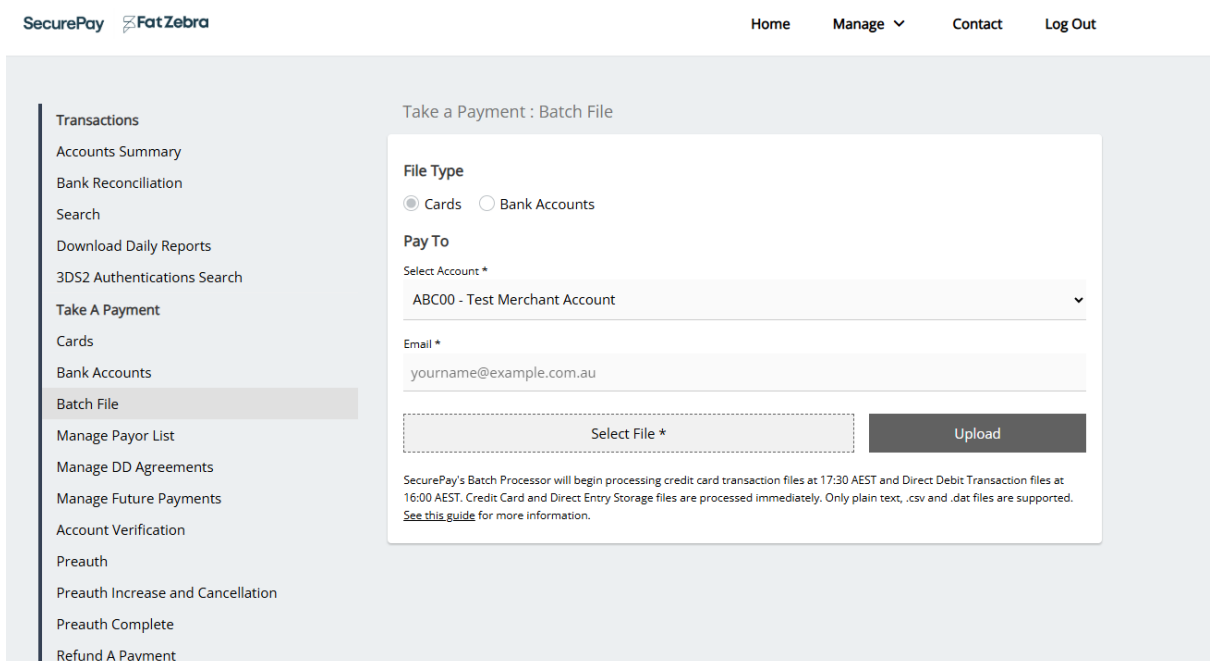
The formatted file(s) should be uploaded using the [Merchant login](#) web site:

1. Login to the Merchant Login page using your Merchant ID, User Name and Password.



The image shows the 'Merchant Log In' page. At the top, there are logos for 'SecurePay' and 'FatZebra'. Below them is the title 'Merchant Log In'. The form contains three input fields: 'Merchant ID', 'User Name', and 'Password'. Below these fields is a dark blue 'Log In' button. Under the button is a link for 'Forgot your password?'. At the bottom, a small text line states: 'By logging in to the Merchant Portal you agree to SecurePay's [Terms and Conditions](#)'.

2. To upload the batch file of transactions to be processed, click on Batch File as shown below.



The image shows the Merchant Portal interface. At the top, there are logos for 'SecurePay' and 'FatZebra'. On the right, there are links for 'Home', 'Manage', 'Contact', and 'Log Out'. On the left, there is a sidebar menu with the following items: 'Transactions', 'Accounts Summary', 'Bank Reconciliation', 'Search', 'Download Daily Reports', '3DS2 Authentications Search', 'Take A Payment', 'Cards', 'Bank Accounts', 'Batch File' (which is highlighted), 'Manage Payor List', 'Manage DD Agreements', 'Manage Future Payments', 'Account Verification', 'Preauth', 'Preauth Increase and Cancellation', 'Preauth Complete', and 'Refund A Payment'. The main content area is titled 'Take a Payment : Batch File'. It contains a 'File Type' section with radio buttons for 'Cards' (selected) and 'Bank Accounts'. Below this is a 'Pay To' section with a dropdown menu showing 'ABC00 - Test Merchant Account'. There is an 'Email' field with the text 'yourname@example.com.au'. At the bottom, there is a 'Select File \*' button and an 'Upload' button. A small text block at the bottom of the form states: 'SecurePay's Batch Processor will begin processing credit card transaction files at 17:30 AEST and Direct Debit Transaction files at 16:00 AEST. Credit Card and Direct Entry Storage files are processed immediately. Only plain text, .csv and .dat files are supported. [See this guide](#) for more information.'

3. To upload the file:
  - 3.1. Select File Type of “Cards” for a Credit Card batch, or “Bank Accounts” for a Direct Debit batch.
  - 3.2. Select an Account from the list provided. The Account you select will be used to process the transactions from the file.
  - 3.3. Select the batch file on your hard drive. The full path to the file on your local disk must be specified.
 

**Note:** If you have already submitted a batch file for this Merchant ID and this payment type (Cards or Bank Accounts) today, the original file will be overwritten by the new file.
  - 3.4. Type in an email address to receive the upload and validation notification.
  - 3.5. Click on **Upload** to upload the batch file.
4. When the file is uploaded successfully following screen will be displayed. The file will be validated in the background and a notification email will be sent out to email address specified. Any invalid records from the file will be filtered out and attached to the notification email.

Credit card files are checked for:

- Invalid credit card numbers;
- Invalid credit card expiry dates;
- Non-numeric amount values.

Direct debit files are checked for:

- Invalid BSB number format; (We do not check if the BSB exists.)
- Invalid account number format;
- Non-numeric amount values.

The screenshot shows the SecurePay/FatZebra web interface. At the top, there is a navigation bar with the SecurePay and FatZebra logos on the left, and links for Home, Manage (with a dropdown arrow), Contact, and Log Out on the right. Below the navigation bar, a yellow banner displays the message: "Your batch file was uploaded successfully." On the left side, there is a sidebar menu with various options: Transactions, Accounts Summary, Bank Reconciliation, Search, Download Daily Reports, 3DS2 Authentications Search, Take A Payment, Cards, Bank Accounts, Batch File (which is highlighted), Manage Payor List, Manage DD Agreements, Manage Future Payments, Account Verification, Preauth, Preauth Increase and Cancellation, Preauth Complete, and Refund A Payment. The main content area on the right shows a section titled "Take a Payment : Batch File" with a sub-section "Batch File Validating". The text in this section states: "The uploaded batch file is being checked for errors. When this check is complete, an email will be sent to 'qa.automation@securepay.com.au'. If you do not receive this email, please [contact SecurePay Support](#). You can now safely navigate away from this page."

## Important Note

- The SecurePay Payment Network processes credit card batch files at 5:30 PM, 7 days a week. Files must be uploaded and fully validated by the SecurePay system prior to 5:30 PM to enable the system to process the payments by the next day. Large files may take some time to be validated. You will receive a validation email to let you know when the process is complete.
- If the credit card transaction batch file requires resubmission, the new file should be uploaded before 5:30 PM on the same day. The old file will be overwritten with the new one. If the resubmission is not done before 5:30 PM, the file currently in the system will be processed.
- The SecurePay Payment Network processes direct debit batch files at 4:40 PM, 5 days a week. However, direct debit transactions are only sent to the financial institutions for settlement on Australian national business days (excludes public holidays). Therefore, transactions from a batch file processed on a Saturday will not be sent to the bank until Monday, or the following business day. Files must be uploaded and fully validated by the SecurePay system prior to 4:00 PM to enable the system to process the payments by the next business day. Large files may take some time to be validated. You will receive a validation email to let you know when the process is complete.
- If the direct debit transaction batch file requires resubmission, the new file should be uploaded before 4:00 PM on the same day. The old file will be overwritten with the new one. If the resubmission is not done before 4:00 PM, the file currently in the system will be processed.
- Results of the batch transactions can be viewed via the Merchant Login Transactions Search menu. If you have requested a daily transaction report file containing batch transactions, the transactions will be emailed in this file the following morning, by 8:00 AM.

## Appendix A: Currency Codes List

### **IMPORTANT NOTICE:**

You must meet certain requirements with your merchant facility and SecurePay before using SecurePay's multi-currency features. Please ask SecurePay if we support multi-currency payments through your merchant facility, and if so, what currency types are available. You may also need to open a multi-currency merchant facility for each currency you propose to transact in. Contact SecurePay Support or your SecurePay Account Manager for full details.

Code	Description	Minor Units	Example*	
			Amount	Pass As
AUD	Australian Dollar	2	\$20	2000-AUD
CAD	Canadian Dollar	2	\$20	2000-CAD
CHF	Swiss Franc	2	20	2000-CHF
EUR	Euro	2	€20	2000-EUR
GBP	English Pound	2	£20	2000-GBP
HKD	Hong Kong Dollar	2	\$20	2000-HKD
JPY	Japanese Yen	0	¥20	20-JPY
NZD	New Zealand Dollar	2	\$20	2000-NZD
SGD	Singapore Dollar	2	\$20	2000-SGD
USD	US Dollar	2	\$20	2000-USD

## Appendix B: EBCIDEC Character Set

Char Type	Sample
Numeric	0-9
Alphabetic	A-Z, a-z
Oblique Slash	/
Hyphen	-
Ampersand	&
Period	.
Asterisk	*
Apostrophe	'
Blank Space	