Technical Extract:
BPOINT CSV File Format Definition – Draft 1.1

Introduction

This format is available via Multi, Batch Manager, and Data Vault.

The BPOINT batch file is CSV formatted, ASCII encoded.

The file name may have the following extensions: ".csv", ".dat", or ".txt" and may be submitted encapsulated in a zip file.

File Header Record Format

#	Field Name	Size Min/Max	Attribute	Format/Value
1	ID – Record Type	2/2	X(2)/AN	Constant Value = "**01**"
2	Service ID	1/15	X(15)/A	Constant value of "**CBA-EVOLVE**"
3	Creation Date	8/8	9(8)/N	Date of file creation/generation. Format CCYYMMDD eg "**20071016**"
4	Creation Time	6/6	9(6)/N	Time of file creation/generation. Format HHMMSS eg "**120000**"
5	File Sequence Number	1/3	9(3)/N	
6	Version Number	1/2	9(2)/N	Constant Value = "**1**"
7	eVolve Merchant Number	0/16	9(16)/N	The Merchant Number used – e.g. "**5353********9999**". **NB** If the Merchant Number is provided in this field then Group Headers and Footers are not allowed, otherwise they are mandatory

Group Header Record Format

#	Field Name	Size Min/Max	Attribute	Format/Value
1	ID – Record Type	2/2	9(2)/N	Constant Value = "**10**"
2	eVolve Merchant Number	16/16	9(16)/N	The Merchant Number used – e.g. **5353999999999999**.
3	Currency	0/3	X(3)/AN	Empty which defaults to "**AUD**" – no other currencies are available.

Detail Record Format – Payment

#	Field Name	Size Min/Max	Attribute	Format/Value
1	ID – Record Type	2/2	X(2)/AN	Constant Value = "**50**" – Payment
2	eVolve Biller Code	0/12	9(12)/N	Biller Code allocated to each type of transaction – e.g. "**2154**" – XYZ bill payment.
3	Customer Ref No. 1	1/20	X(20)/AN	Customer Reference Number e.g. "**John Smith**"
4	Customer Ref No. 2	0/20	X(20)/AN	Customer Reference Number e.g. "**123**" – optional
5	Customer Ref No. 3	0/20	X(20)/AN	Customer Reference Number e.g. "**567**" – optional
6	Amount Paid	1/12	9(12)/N	Format $$$$$$cc e.g. $11.00 = "**1100**" For Credit Card Surcharge option, this is the total value to process against the credit card. This will match against the Bank Settlement.
7	Amount Surcharge	0/12	9(12)/N	Format $$$$$$cc e.g. $1.00 = "**100**" For Credit Card Surcharge option, this is the amount of the surcharge incl GST.
8	Account Number	13/19	X(19)/AN	Account Number/Token e.g. "**4156999999999999**"
9	Expiry Date	0/5	X(5)/AN	Expiry date as mm/yy for the account number, if applicable e.g. "**05/13**"
10	Transaction Source	1/1	X(1)/AN	"**M**" - Mail Order "**T**" - Telephone Order

				"**R**" - Recurring "**E**" - eCommerce "**C**" - Card Present
11	Reserved	0/20	X(20)/AN	
12	Reserved	0/20	X(20)/AN	
13	Currency	0/3	X(3)/AN	Empty which defaults to "**AUD**" – no other option is available at this stage
14	Payer Name	0/40	X(40)/AN	Empty
15	Address	0/80	X(80)/AN	Empty – must not have embedded commas and address lines, must be separated by "**|**" characters, e.g. "**84 abc St|Sydney| NSW 2000**"
16	Email Address	0/80	X(80)/AN	Empty
17	SMS Number	0/20	9(20)/N	Empty

Detail Record Format – Refund

#	Field Name	Size Min/Max	Attribute	Format/Value
1	ID – Record Type	2/2	X(2)/AN	Constant Value = "**60**" – Refund
2	eVolve Biller Code	0/12	9(12)/N	Biller Code allocated to each type of transaction – e.g. "**2154**" – Acme council rates.
3	Original Customer Ref No. 1	1/20	X(20)/AN	Orig Customer Reference Number e.g. "**5300**"
4	Original Customer Ref No. 2	0/20	X(20)/AN	Orig Customer Reference Number e.g. "**123**" – optional
5	Original Customer Ref No. 3	0/20	X(20)/AN	Orig Customer Reference Number e.g. "**567**" – optional
6	Amount Refunded	1/12	9(12)/N	Format $$$$$$cc e.g. $11.00 = "**1100**" For Credit Card Surcharge option, this is the total value that has been processed against the credit card. This matches against the Bank Settlement.
7	Amount Surcharge	0/12	9(12)/N	Format $$$$$$$$cc e.g. $1.00 = "**100**" For Credit Card Surcharge option, this is the amount of the surcharge incl GST.
8	Account Number	13/19	X(19)/AN	Account Number/Token e.g. "**4156999999999999**"
9	Expiry Date	0/5	X(5)/AN	Expiry date as mm/yy for the account number, if applicable

				e.g. "**05/13**"
10	Transaction Source	1/1	X(1)/AN	"**M**" - Mail Order "**T**" - Telephone Order "**R**" - Recurring "**E**" - eCommerce "**C**" - Card Present
11	Original Authorisation Number	1/15	X(15)/AN	Original value for Authorisation Number matching the payment to be refunded
12	Refund reference	0/20	X(20)/AN	Merchant reference for refund – optional
13	Currency	0/3	X(3)/AN	Empty which defaults to "**AUD**" – no other option is available at this stage
14	Payer Name	0/40	X(40)/AN	Empty
15	Address	0/80	X(80)/AN	Empty – must not have embedded commas and address lines must be separated by "**|**" characters, e.g. e.g. "**84 abc St|Sydney| NSW 2000**"
16	Email Address	0/80	X(80)/AN	Empty
17	SMS Number	0/20	9(20)/N	Empty

Group Trailer Record Format

#	Field Name	Size Min/Max	Attribute	Format/Value
1	ID – Record Type	2/2	9(2)/N	Constant Value = "**90**"
2	eVolve Merchant Number	16/16	9(16)/N	The Merchant Number used – e.g. "**5353109299999999**".
3	Currency	0/3	X(3)/AN	Empty which defaults to "**AUD**" – no other option is available
4	Number of Records	1/9	9(9)/N	Total number of detail records for this group.
5	Group Control Total	1/15	9(15)/N	Absolute total amount of the amount paid fields in the detail record types.

File Trailer Record Format

#	Field Name	Size Min/Max	Attribute	Format/Value
1	ID – Record Type	2/2	X(2)/AN	Constant Value = "**99**".
2	Number of Records	1/9	9(9)/N	Total number of detail records in this file.
3	File Control Total	1/15	9(15)/N	Absolute total amount of all the Amount Paid fields in the preceding detail record types.

Additional Fields for Result Record Formats (50/60)

#	Field Name	Size Min/Max	Attribute	Format/Value
18	Truncated Account Number	12/19	X(19)/AN	Card Number abbreviated e.g. "**415699…999**"
19	Card Type	2/2	X(2)/AN	"**VC**" = Visa Card "**MC**" = Mastercard "**AX**" = Amex "**DC**" = Diners Club "**JC**" = JCB
20	Authorisation Result	1/1	X(1)/AN	"**0**" – Declined "**1**" – Approved
21	Transaction Number	0/15	X(15)/AN	Unique reference number – used for refunds
22	Receipt Number	0/15	X(15)/AN	Reference Retrieval Number (RRN)
23	Decline Reason Text	0/40	X(40)/AN	"**INV CARD NUMBER**" "**EXPIRED CARD**" "**CANCELLED CARD**" "**DECLINED**"
24	Decline Reason Abbrev	0/2	9(2)/N	"**1**" - INV CARD NUMBER "**2**" - EXPIRED CARD "**3**" - CANCELLED CARD

				"**4**" – DECLINED
25	Decline Action	0/40	X(40)/AN	Alpha followed by 2 digit numeric code, "**A**nn" – Approved "**C**nn" – Contact Cardholder "**M**nn" – Merchant to contact bank "**R**nn" – Retry later "**X99**" – Systems related – retry later

Additional Fields for Group Trailer

#	Field Name	Size Min/Max	Attribute	Format/Value
6	Group Control Total Approved	1/15	9(15)/N	Absolute total amount of all the amount paid fields in the preceding detail record types which were approved.

Additional Fields for Result File Trailer

#	Field Name	Size Min/Max	Attribute	Format/Value
4	File Control Total Approved	1/15	9(15)/N	Absolute total amount of all the amount paid fields in the preceding detail record types which were approved.