Settle Error

The Settle Error report returns information on all the transactions that have not settled. This report may be called after the settlement has been scheduled and run. This report will contain all exception transactions and can be very useful in conjunction with a Transaction Search report.

Note

The Settle Error Report is not available when using a host-based processor.

Device UI Required: No

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)
FUNCTION_TY	Required	Static value	N/A	N/A	REPORT
COMMAND	Required	Static value	N/A	N/A	SETTLEERROR
MAX_NUM_RECORDS_RETURNED	Required	Numeric	1	4	8000
SEARCHFIELDS	Required	List			See SEARCHFIELDS section for cl elements below.

Field	Rule	Type	Minimum	Maximum	Value(s)
RESPONSEFIELDS	Required	List			INTRN_SEQ_NUM, PROCESSOR BATCH_SEQ_NUM, TRANS_SEQ INVOICE, COMMAND, ACCT_N EXP_MONTH, EXP_YEAR, CARDHOLDER, TRANS_AMOUI REFERENCE, TRANS_DATE, TRANS_TIME, ORIG_SEQ_NUM STATUS_CODE, TROUTD, PAYMENT_TYPE, PAYMENT_M RESULT_CODE, AUTH_CODE, TRACE_CODE, AVS_CODE, CVV2_CODE, CTROUTD, RESPONSE_REFERENCE,R_AU1
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255	

Field	Rule	Type	Minimum	Maximum	Value(s)
POS_RECON	Optional	Character	1	30	
COUNTER	Required	Numeric	1	10	
MAC	Required	Base64 Encoded Data	N/A	N/A	
MAC_LABEL	Required	Character	1	50	

SEARCHFIELDS Child Elements

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
START_TRANS_DATE	Conditional	Date				Transaction start date. This is a recommended field. **Example:** 2016.03.23
START_TRANS_TIME	Conditional	Time				Transaction start time. **Example:** 15:30:00

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
END_TRANS_DATE	Optional	Date				Defaults to START_TRANS_DATE. **Example:** 2016.03.24
END_TRANS_TIME	Optional	Time				Defaults to START_TRANS_TIME. **Example:** 15:30:01
PAYMENT_TYPE	Conditional	List	N/A	N/A		Payment type used in the transaction. **Example:** CREDIT
REQUEST_COMMAND	Conditional	List	N/A	N/A		The command requested for transaction. **Example:** SALE
ACCT_NUM	Conditional	Numeric	1	16		The card number used in the transaction. The card number passed MUST be in a masked format, only the first six and the last four digits of the number can be passed - this is how Point platform pulls the cards on the reports. **NOTE:** The length of the ACCT_NUM must equal 16 bytes. For card numbers fewer than 16 digits, add extra "*" between the first 6 and the last 4 digits. **Example:** 400555******0019
INVOICE	Conditional	Character	1	6		Merchant invoice number. **Example:** ASD156
BATCH_SEQ_NUM	Conditional	Numeric	1			Sequence number of the batch. **Example:** 23
START_TRANS_AMOUNT	Conditional	Floating point number	1(2)	6(2)		Transaction start amount. **Example:** 0.00
END_TRANS_AMOUNT	Conditional	Floating point number	1(2)	6(2)		Transaction end amount. **Example:** 50.00
START_TROUTD	Conditional	Numeric	1	10		Transaction routing ID starts with. **Example:** 50
END_TROUTD	Optional	Numeric	1	10		Defaults to START_TROUTD. **Example:** 100

Multi Merchant Transaction

Refer to Multi Merchant Support for more details on this feature.

Note

For Multi Merchant transactions, either of the field is mandatory to send in POS request.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MMACCOUNT	Conditional	Character	1	20		This field contains the Multi Merchant Account number or account name, which is used by the application to identify the correct Client ID and Device Key to be used for performing Host operations like Transactions and Reports. This field is mandatory if the device has a Multi Merchant setup on-boarding and if DEFAULTMERCHANTACCOUNT parameter is not set. **Example:** 123456789/ 121212/ zxcvbnmQWERTY1
MMPIN	Conditional	Character	6	6		This field contains PIN value which will be used for MMACCOUNT authentication. MMPIN update and setup is handled on PWC portal. The default value is usually the same as MMACCOUNT. **Example:** 001212/ 123456

Example

Following is an example of request packet

```
<TRANSACTION>
        <COUNTER>1</COUNTER>
        <MAC> … </MAC>
        <MAC_LABEL>REG2</MAC_LABEL>
        <FUNCTION_TYPE>REPORT</FUNCTION_TYPE>
        <COMMAND>SETTLEERROR</COMMAND>
        <MAX_NUM_RECORDS_RETURNED>200</MAX_NUM_RECORDS_RETURNED>
        <RESPONSEFIELDS>
                <INTRN_SEQ_NUM/>
                <PROCESSOR_ID/>
                <BATCH_SEQ_NUM/>
                <TRANS_SEQ_NUM/>
                <INVOICE/>
                <COMMAND/>
```

```
                    <ACCT_NUM/>
                    <EXP_MONTH/>
                    <CARDHOLDER/>
                    <EXP_YEAR/>
                    <TRANS_AMOUNT/>
                    <REFERENCE/>
                    <TRANS_DATE/>
                    <TRANS_TIME/>
                    <ORIG_SEQ_NUM/>
                    <STATUS_CODE/>
                    <TROUTD/>
                    <PAYMENT_TYPE/>
                    <PAYMENT_MEDIA/>
                    <RESULT_CODE/>
                    <AUTH_CODE/>
                    <TRACE_CODE/>
            </RESPONSEFIELDS>
            <SEARCHFIELDS>
            </SEARCHFIELDS>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
CLIENT_ID	Numeric		CLIENT_ID is the combination an ACCOUNT number, a SITE number, and a TERMINAL number in that order. **Example:** 100010001
RETURN_FLD_HDRS	Numeric		Returns field headers. **Example:** 0
FORMAT	Conditional xml		Format of the command.
SERIAL_NUM	Character		Serial number. **Example:** 123456789
MAX_NUM_RECORDS_RETURNED	Numeric		Maximum number of records returned. **Example:** 800
DEVICEKEY	Character		Device key.
DELIMITER	Static Value	,	Delimiter to enter multiple entry in a field.
FUNCTION_TYPE	Static Value	REPORT	Function type
DEVTYPE	Character		Device type
NUM_RECORDS_FOUND	Numeric		Number of records found. **Example:** 1

Field	Type	Value	Description
START_TRANS_DATE, END_TRANS_DATE, START_TRANS_TIME, END_TRANS_TIME, PAYMENT_TYPE, REQUEST_COMMAND, ACCT_NUM, INVOICE, BATCH_SEQ_NUM, START_TRANS_AMOUNT, END_TRANS_AMOUNT, START_TROUTD, END_TROUTD			These fields and their values from the SEARCHFIELDS parameter of the request will be included in the response so the integrator will know the criteria upon which the report is based.
INTRN_SEQ_NUM, PROCESSOR_ID, BATCH_SEQ_NUM, TRANS_SEQ_NUM, INVOICE, COMMAND, ACCT_NUM, EXP_MONTH, EXP_YEAR, CARDHOLDER, TRANS_AMOUNT, REFERENCE, TRANS_DATE, TRANS_TIME, ORIG_SEQ_NUM, STATUS_CODE, TROUTD, CTROUTD, PAYMENT_TYPE, PAYMENT_MEDIA, RESULT_CODE, AUTH_CODE, AVS_CODE, CVV2_CODE, TRACE_CODE, RESPONSE_REFERENCE, R_AUTH_CODE			These fields will return for each record if they are specified in the RESPONSEFIELDS parameter of the request.
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Character		Column 3 to Column 10 fields value will be echoed in POS response. These fields are not sent to any payment processor.
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter ([Application Parameters](#)) is enabled.

Field	Type	Value	Description
UI_TIME	Time		This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<UI_TIME>44.028</UI_TIME>`

Field	Type Value	Description
HOST_TIME Time		This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<HOST_TIME>1.389</HOST_TIME>`
CMD_TIME Time		This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<CMD_TIME>70.765</CMD_TIME>`

Example

Following is an example of response packet

```
<RESPONSE>
        <RETURN_FLD_HDRS>1</RETURN_FLD_HDRS>
        <ACCOUNT>1</ACCOUNT>
        <SITE>0001</SITE>
        <TERM>0001</TERM>
        <FORMAT>xml</FORMAT>
        <SERIAL_NUM>1234565789</SERIAL_NUM>
        <DEVICEKEY>***********************</DEVICEKEY>
        <COMMAND>SETTLEERROR</COMMAND>
        <SEARCHFIELDS />
                <MAX_NUM_RECORDS_RETURNED>200</MAX_NUM_RECORDS_RETURNED>
                <FUNCTION_TYPE>REPORT</FUNCTION_TYPE>
                <DEVTYPE>VX805P</DEVTYPE>
                <DELIMITER />
                <NUM_RECORDS_FOUND>1</NUM_RECORDS_FOUND>
        <SEARCHFIELDS />
        <RECORDS>
                <RECORD>
                        <INTRN_SEQ_NUM>122822</INTRN_SEQ_NUM>
                        <PROCESSOR_ID>VISA</PROCESSOR_ID>
                        <BATCH_SEQ_NUM>-10003</BATCH_SEQ_NUM>
                        <TRANS_SEQ_NUM>23</TRANS_SEQ_NUM>
                        <INVOICE xml:space="preserve"> </INVOICE>
                        <COMMAND>SALE</COMMAND>
                        <ACCT_NUM>373235******1018</ACCT_NUM>
                        <EXP_MONTH>**</EXP_MONTH>
                        <CARDHOLDER xml:space="preserve"> </CARDHOLDER>
                        <EXP_YEAR>**</EXP_YEAR>
                        <TRANS_AMOUNT>2.0000</TRANS_AMOUNT>
                        <REFERENCE>805917502935</REFERENCE>
                        <TRANS_DATE>2008.02.28</TRANS_DATE>
                        <TRANS_TIME>12:42:44</TRANS_TIME>
                        <ORIG_SEQ_NUM>0</ORIG_SEQ_NUM>
```

```xml
                    <STATUS_CODE>4</STATUS_CODE>
                    <TROUTD>122822</TROUTD>
                    <PAYMENT_TYPE>CREDIT</PAYMENT_TYPE>
                    <PAYMENT_MEDIA>AMEX</PAYMENT_MEDIA>
                    <RESULT_CODE>4</RESULT_CODE>
                    <AUTH_CODE>AXS464</AUTH_CODE>
                    <TRACE_CODE xml:space="preserve"> </TRACE_CODE>
            </RECORD>
        </RECORDS>
<RESPONSE>
```