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)	Description
FUNCTION_TY	Required	Static value	N/A	N/A	REPORT	Type of function
COMMAND	Required	Static value	N/A	N/A	SETTLEERROR	Command name
MAX_NUM_RECORDS_RETURNED	Required	Numeric	1	4	8000	Maximum number of records returned.
SEARCHFIELDS	Required	List			See SEARCHFIELDS section for child elements below.	List of fields required to send for search.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
RESPONSEFIELDS	Required	List			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, PAYMENT_TYPE, PAYMENT_MEDIA, RESULT_CODE, AUTH_CODE, TRACE_CODE, AVS_CODE, CVV2_CODE, CTROUTD, RESPONSE_REFE RENCE,R_AUTH_ CODE	Choose from list, minimum one field. **NOTE:** STATUS_CODE is the status code of the transaction/API call. STATUS_CODE values are the same as the most common RESULT_CODE values.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These fields represent Column 3 to Column 10. These fields are expected for the Merchants internal POS System, which will record any additional data and link those to the PWC CLIENT_ID and CTROUTD. When a value for COL_n is passed in, that same value will be returned in the response. These COL_n values are not indexed, or searchable in any command report. These fields are not sent to any payment processor. **Example:** Merchant defined data
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is sed to authenticate the POS. **Example:** 2

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MAC	Required	Base64 Encoded Data	N/A	N/A		Message Authentication Code. This is used to authenticate the POS.
MAC_LABEL	Required	Character	1	50		Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. This is used to authenticate the POS. **Example:** REG1

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
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

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
PAYMENT_TYPE	Conditional	List	N/A	N/A		Payment type used in the transaction. **Example:** CREDIT
REQUEST_COMM AND	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******001 9
INVOICE	Conditional	Character	1	6		Merchant invoice number. **Example:** ASD156

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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

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.

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>
```

```xml
<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>
<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>
```