Settlement Summary

This command runs the Settlement Summary report.

Note

Settlement Summary is not valid for host processors.

Device UI Required: No

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Descr
FUNCTION_TYPE	Required	Static value	N/A	N/A	REPORT	Type o functio
COMMAND	Required	Static value	N/A	N/A	SETTLESUMMARY	Comm name
MAX_NUM_RECORDS_RETURNED	Required	Numeric	1	4	8000	Maxim numbe records returne
RESPONSEFIELDS	Required	List			BATCH_SEQ_NUM, ERR_TRANS_IN_BATCH, SETTLE_DATE, SETTLE_CODE, CRDT_SALE_AMT, CRDT_SALE_CNT, CRDT_CRDT_AMT, CRDT_CRDT_CNT, CRDT_VOID_AMT, CRDT_VOID_CNT.	Choose list, mi one fie

Field	Rule	Type	Minimum	Maximum	Value(s)	Descr
COL_3, COL_4, COL_5, COL_6, COL_7, COL_8, COL_9, COL_10	Optional	Character	1	255		These represe Colum Colum These are exp for the Mercha interna System will rec any ad data ar those PWC CLIEN and CTRO When for CO passed same v will be returne respon These values indexe searcha any co report. fields sent to payme proces **Examp** Mercha defined
POS_RECON	Optional	Character	1	30		POS reconc POS Recon field to echoed in resp POS. **Examp** RetailF

Field	Rule	Type	Minimum	Maximum	Value(s)	Descr
COUNTER	Required	Numeric	1	10		COUN... used f... given ... label. ... COUN... should... higher... the las... This is... authen... the PO... **Examp**... Messa...
MAC	Required	Base64 Encoded Data	N/A	N/A		Auther... Code. ... used t... authen... the PO...
MAC_LABEL	Required	Character	1	50		Associ... label t... the dev... which ... MAC_... use to ... the val... MAC. ... used t... authen... the PO... **Examp**... REG1

SEARCHFIELDS Child Elements

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
START_SETTLE_DATE	Required	Date				Settlement start amount. **Example:** 2016.03.23
END_SETTLE_DATE	Required	Date				Settlement end amount. **Example:** 2016.03.24

Multi Merchant Transaction

Refer to <u>Multi Merchant Support</u> 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>SETTLESUMMARY</COMMAND>
        <MAX_NUM_RECORDS_RETURNED>800</MAX_NUM_RECORDS_RETURNED>
        <RESPONSEFIELDS>
                <SETTLE_DATE/>
                <SETTLE_CODE/>
                <CRDT_SALE_AMT/>
                <CRDT_SALE_CNT/>
                <CRDT_CRDT_AMT/>
                <CRDT_CRDT_CNT/>
                <CRDT_VOID_AMT/>
                <CRDT_VOID_CNT/>
                <BATCH_SEQ_NUM/>
```

```
            <ERR_TRANS_IN_BATCH/>
        </RESPONSEFIELDS>
        <SEARCHFIELDS>
            <START_SETTLE_DATE>2016.01.01</START_SETTLE_DATE>
            <END_SETTLE_DATE>2016.05.31</END_SETTLE_DATE>
        </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
COMMAND	Static Value	SETTLESUMMARY	Command name.
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:** 2
START_SETTLE_DATE	Date		Settlement start amount. **Example:** 2016.03.23
END_SETTLE_DATE	Date		Settlement end amount. **Example:** 2016.03.24
BATCH_SEQ_NUM, ERR_TRANS_IN_BATCH, SETTLE_DATE, SETTLE_CODE, CRDT_SALE_AMT, CRDT_SALE_CNT, CRDT_CRDT_AMT, CRDT_CRDT_CNT, CRDT_VOID_AMT, CRDT_VOID_CNT			These fields will return for each record if they are specified in the RESPONSEFIELDS parameter of the request.

Field	Type	Value	Description
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>`
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>0</RETURN_FLD_HDRS>
```

```xml
<ACCOUNT>1</ACCOUNT>
<SITE>0001</SITE>
<TERM>0001</TERM>
<FORMAT>xml</FORMAT>
<SERIAL_NUM>1234565789</SERIAL_NUM>
<DEVICEKEY>************************</DEVICEKEY>
<COMMAND>SETTLESUMMARY</COMMAND>
<MAX_NUM_RECORDS_RETURNED>800</MAX_NUM_RECORDS_RETURNED>
<DELIMITER>|</DELIMITER>
<FUNCTION_TYPE>REPORT</FUNCTION_TYPE>
<DEVTYPE>VX805P</DEVTYPE>
<NUM_RECORDS_FOUND>0</NUM_RECORDS_FOUND>
<SEARCHFIELDS>
        <START_SETTLE_DATE>2016.01.01</START_SETTLE_DATE>
<END_SETTLE_DATE>2016.05.31</END_SETTLE_DATE>
</SEARCHFIELDS>
<RECORDS>
        <RECORD>
                <BATCH_SEQ_NUM>2</BATCH_SEQ_NUM>
                <ACCOUNT>93092</ACCOUNT>
                <SITE>0001</SITE>
                <TERM>0001</TERM>
                <ERR_TRANS_IN_BATCH>0</ERR_TRANS_IN_BATCH>
                <SETTLE_DATE>2016.04.17</SETTLE_DATE>
                <SETTLE_CODE>02 LOCAL_SETTLE</SETTLE_CODE>
                <CRDT_SALE_AMT>40.00</CRDT_SALE_AMT>
                <CRDT_SALE_CNT>2</CRDT_SALE_CNT>
                <CRDT_CRDT_AMT>0.00</CRDT_CRDT_AMT>
                <CRDT_CRDT_CNT>0</CRDT_CRDT_CNT>
                <CRDT_VOID_AMT>0.00</CRDT_VOID_AMT>
                <CRDT_VOID_CNT>1</CRDT_VOID_CNT>
        </RECORD>
</RECORDS>
</RESPONSE>
```