DAILY SUMMARY/PRE-SETTLEMENT

Daily Summary

The Daily Summary report returns a summary report for each Point command type (sale, credit, post-auth, etc.) for the Client ID. The Daily Summary report requires COMMAND as a `<RESPONSEFIELDS/>` tag to return results for each transaction type. (Leaving this tag out will not cause the transaction to fail the validation; however, it will not return information for the transaction types.) Sending optional parameters with the command request, such as start and end date, starting and ending time, and amount range, will limit the report's results as desired. The Daily Summary Report returns output requested in the `<RESPONSEFIELDS/>` tag.

Pre-Settlement

The Pre-Settlement report returns summary information on the transactions that have been approved since the current batch was opened. The Pre-Settlement report requires COMMAND as a `<RESPONSEFIELDS/>` tag to return results for each transaction type. (Leaving this tag out will not cause the transaction to fail the validation; however, it will not return information for the transaction types). Sending optional parameters with the command request, such as start and end date, starting and ending time, and amount range, will limit the report's results as desired. The Pre-Settlement report returns output requested in the `<RESPONSEFIELDS/>` tag.

Device UI Required: No

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	REPORT	Type of function
COMMAND	Required	Static value	N/A	N/A	DAYSUMMARY or PRESETTLEMENT	Command name
MAX_NUM_RECORDS_RETURNED	Required	Numeric	1	4	Maximum valid value: 8000	Maximum number of records returned.
SEARCHFIELDS	Required	List	N/A	N/A	See SEARCHFIELDS section for child elements.	List of fields required to send for search.

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
RESPONSEFIELDS	Required	List			Valid Values: COMMAND, TRANS_AMOUNT, TROUTD, PAYMENT_TYPE, CTROUTD, CASHBACK_AMNT, TIP_AMOUNT	Choose from list. **NOTE:** COMMAND, TRANS_AMOUNT, and TROUTD are required for DAYSUMMARY and PRESETTLEMENT report.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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:** 100
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

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

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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. 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

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
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
STATUS_CODE	Conditional	Numeric	1	10		Transaction status code. **Example:** 4

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>DAYSUMMARY</COMMAND>
<MAX_NUM_RECORDS_RETURNED>200</MAX_NUM_RECORDS_RETURNED>
<RESPONSEFIELDS>
<COMMAND/>
<TRANS_AMOUNT/>
<TROUTD/>
<CASHBACK_AMNT/>
<TIP_AMOUNT/>
</RESPONSEFIELDS>
<SEARCHFIELDS>
<START_TRANS_DATE>2016.01.01</START_TRANS_DATE>
<END_TRANS_DATE>2016.05.31</END_TRANS_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

Field	Type	Value	Description
RETURN_FLD_HDRS	Numeric		Returns field headers. **Example:** 0
FORMAT	Conditional	xml	Format of the command.
SERIAL_NUM	Character		Serial number. **Example:** 123456789
DEVICEKEY	Character		Device key.
MAX_NUM_RECORDS_RETURNED	Numeric		Maximum number of records returned. **Example:** 800
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:** 167
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, STATUS_CODE			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.
COMMAND, SALE_AMOUNT, TROUTD, PAYMENT_TYPE, CASHBACK_AMNT, TIP_AMOUNT, CTROUTD			These fields will return for each record if they are specified in the RESPONSEFIELDS parameter of the request. **NOTE:** TRANS_AMOUNT returns as SALE_AMOUNT.
CHARGE_TOTAL, ITEMCOUNT			These fields will also be included for each record.

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.

Example

Following is an example of response packet

```
<RESPONSE>
<ACCOUNT>1</ACCOUNT>
<SITE>0001</SITE>
<TERM>0001</TERM>
<DEVTYPE>VX805</DEVTYPE>
<RETURN_FLD_HDRS>0</RETURN_FLD_HDRS>
<FORMAT>xml</FORMAT>
<SERIAL_NUM>1234565789</SERIAL_NUM>
<DEVICEKEY>************************</DEVICEKEY>
<MAX_NUM_RECORDS_RETURNED>200</MAX_NUM_RECORDS_RETURNED>
<FUNCTION_TYPE>REPORT</FUNCTION_TYPE>
<DELIMITER />
<NUM_RECORDS_FOUND>167</NUM_RECORDS_FOUND>
<SEARCHFIELDS>
<START_TRANS_DATE>2016.01.01</START_TRANS_DATE>
<END_TRANS_DATE>2016.05.31</END_TRANS_DATE>
</SEARCHFIELDS>
<RECORDS>
<RECORD>
<COMMAND>SALE</COMMAND>
<ITEMCOUNT>56</ITEMCOUNT>
<SALE_AMOUNT>56.00</SALE_AMOUNT>
<TIP_AMOUNT>.00</TIP_AMOUNT>
<CASHBACK_AMNT>.00</CASHBACK_AMNT>
<CHARGE_TOTAL>56.00</CHARGE_TOTAL>
</RECORD>
<RECORD>
<COMMAND>CREDIT</COMMAND>
<ITEMCOUNT>1</ITEMCOUNT>
<SALE_AMOUNT>1.00</SALE_AMOUNT>
<TIP_AMOUNT>.00</TIP_AMOUNT>
<CASHBACK_AMNT>.00</CASHBACK_AMNT>
<CHARGE_TOTAL>1.00</CHARGE_TOTAL>
</RECORD>
<RECORD>
<COMMAND>PRE_AUTH</COMMAND>
<ITEMCOUNT>8</ITEMCOUNT>
<SALE_AMOUNT>8.00</SALE_AMOUNT>
<TIP_AMOUNT>.00</TIP_AMOUNT>
<CASHBACK_AMNT>.00</CASHBACK_AMNT>
<CHARGE_TOTAL>8.00</CHARGE_TOTAL>
</RECORD>
<RECORD>
<COMMAND>POST_AUTH</COMMAND>
<ITEMCOUNT>7</ITEMCOUNT>
<SALE_AMOUNT>7.00</SALE_AMOUNT>
<TIP_AMOUNT>.00</TIP_AMOUNT>
<CASHBACK_AMNT>.00</CASHBACK_AMNT>
<CHARGE_TOTAL>7.00</CHARGE_TOTAL>
```

```
</RECORD>
<RECORD>
<COMMAND>VOID</COMMAND>
<ITEMCOUNT>1</ITEMCOUNT>
<SALE_AMOUNT>1.00</SALE_AMOUNT>
<TIP_AMOUNT>.00</TIP_AMOUNT>
<CASHBACK_AMNT>.00</CASHBACK_AMNT>
<CHARGE_TOTAL>.00</CHARGE_TOTAL>
</RECORD>
</RECORDS>
</RESPONSE>
```