Batch History Report

This command runs the batch history report. The BATCH_HISTORY report is the request/response sequence for a series of settlement summaries by date.

> Note
>
> For First Data Rapid Connect (FDRC), the report is limited in records by `batchhistorylimit` parameter. As of this publication, FDRC response may vary slightly from example.

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

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
COMMAND	Required	Static value	N/A	N/A	• BATCH_HISTORY • BATCH_HISTORY_REPORT (FDRC)	Command name. Note As of this publication, Engage FDRC uses BATCH_HISTORY_REPORT as command.

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:** 10
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

Request packet Example

```
<TRANSACTION>
<COUNTER>10</COUNTER>
<MAC> … </MAC>
<MAC_LABEL>REG2</MAC_LABEL>
<FUNCTION_TYPE>REPORT</FUNCTION_TYPE>
<COMMAND>BATCH_HISTORY</COMMAND>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description

RESPONSE_TEXT	Character		Processor response text. **Example:** REPORT COMPLETE
FUNCTION_TYPE	Character	REPORT	Returns the type of function. Note As of this publication, this is returned by FDRC Engage only.
COMMAND	Character	OPEN_TABS_REPORT	Returns the command name. Note As of this publication, this is returned by FDRC Engage only.
RESULT	Character		This indicates the Result details. **Example:** OK
RESULT_CODE	Numeric	Expected result codes: -1	This indicates the result code.
TERMINATION_STATUS	Character	SUCCESS and FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
COUNTER	Numeric		Echoes COUNTER sent in the request. **Example:** 1

BATCH_HISTORY_DATA/BATCH_HISTORY_DETAILS (FDRC)			Refer to the response example below to have more understandings on BATCH_HISTORY_DATA Receipt Text Elements.

Note

For FDRC users, the Batch History Report will include summary information (transaction type and amount) for each batch as allowed by `batchhistorylimit`.

Response packet Example

```
<RESPONSE>
<RESPONSE_TEXT>Report Completed</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<BATCH_HISTORY_DATA>
<BATCH_HISTORY_DATA>
<TEXTLINE> VERIFONE SCA </TEXTLINE>
<TEXTLINE> 11700 Great Oaks Way </TEXTLINE>
<TEXTLINE> Suite 210 </TEXTLINE>
<TEXTLINE> Alpharetta </TEXTLINE>
<TEXTLINE> GA 30022 </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> 08/16/18 22:33:48 </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> Batch History Report </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> 08/16/18 22:05:43 </TEXTLINE>
<TEXTLINE> Batch Num: 1 </TEXTLINE>
<TEXTLINE> Host Name: TSYS </TEXTLINE>
<TEXTLINE> Merchant: 123000001005 </TEXTLINE>
<TEXTLINE> Sales: 1 $ 8.76 </TEXTLINE>
<TEXTLINE>**Refunds:**0***********$ 0.00**********</TEXTLINE>
<TEXTLINE> Total: 1 $ 8.76 </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> APPROVED </TEXTLINE>
<TEXTLINE> ACCEPTED </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
<TEXTLINE> </TEXTLINE>
</BATCH_HISTORY_DATA>
</BATCH_HISTORY_DATA>
</RESPONSE>
```