

## Change Transaction Status Method

### Description

The Change Transaction Status method allows the changing of the status of any existing transaction from its current status to a new (desired) status.

### When Used

The Change Transaction Status method can be used for a number of credit card transaction processing requirements which require changing from one status to another status, including the following transaction tasks:

- Authorize
- Authorize Additional (Re-Bill)
- Credit (Refund)
- Delete (Void)
- Freeze
- Settle
- Split Settle (Partial Settle)

### See Also

- To see examples of the Change Transaction Status method in use, see the “Scenario 1: A Split Authorization Scenario and “Re-Authorization Scenarios”.

### *Details for Submitting Change Transaction Status Method Requests*

Development Server	<a href="https://developer.skipjackic.com/scripts/evolcc.dll?SJAPI_TransactionChangeStatusRequest">https://developer.skipjackic.com/scripts/evolcc.dll?SJAPI_TransactionChangeStatusRequest</a>
Production Server	<a href="https://www.skipjackic.com/scripts/evolcc.dll?SJAPI_TransactionChangeStatusRequest">https://www.skipjackic.com/scripts/evolcc.dll?SJAPI_TransactionChangeStatusRequest</a>
Development Server Host Name	<a href="https://developer.skipjackic.com">developer.skipjackic.com</a>
Production Server Host Name	<a href="https://www.skipjackic.com">www.skipjackic.com</a>
Server Port	443
HTTP Type	1.0 Compliant
Method	POST
NOTE: Requests submitted without a secure connection will be refused	

## Transaction Requests for Change Transaction Status Method

Variable Name	Variable Description	Required / Not Required	Variable Type	Min / Max Length	Example
szSerialNumber	HTML Serial Number.  Skipjack-assigned unique HTML serial number.	Required	Numeric	12/12	000111222333
szDeveloperSerialNumber	Developer Serial Number  The Developer Serial Number assigned to the Skipjack Account.	Required	Alpha-Numeric	12/12	123412341234
szOrderNumber	Order Number  The unique Order Number generated by the ordering application (Merchant's Application) when the transaction is originated.  The Order Number <i>should</i> be unique to each transaction. If the Order Number matches multiple transactions, regardless of their Status, an error will be generated if the Reject Duplicate Order Numbers option is configured in the Merchant Account.  See also "Appendix I: Unique Order Numbers" section.  If this variable is omitted the variable szTransactionId is required.	Conditional	Alpha-Numeric	0/40	ABC123
szNewOrderNumber	New Order Number  This variable is sent only for AUTHORIZEADDITIONAL. If this value is not specified in the request the default value of 1 will be applied.	Optional*	Alpha-Numeric	0/40	ABC1234

szTransactionId	<p>Transaction ID</p> <p>Unique Transaction ID assigned by Skipjack to each transaction.</p> <p>If this variable is omitted the variable szOrderNumber is required.</p>	Conditional	Numeric and period (".")	10/18	12345678910
szDesiredStatus	<p>Desired Status</p> <p>The status to which the transaction should be changed.</p> <p>Valid entries are:</p> <p><b>AUTHORIZE</b> Using the AUTHORIZE option re-authorizes the original transaction without creating an additional (second) transaction so that only a single transaction need be Settled. This option can only be used when the original transaction is not in a Settled state (that is in a Pending-Settlement state).</p> <p>This variable option can be used to change the amount of the original transaction for a new amount (either greater or lesser amount) than the original transaction.</p> <p><b>AUTHORIZEADDITIONAL</b> Creates a new (separate) transaction for a previously Authorized transaction which requires separate Settlement.</p> <p>AUTHORIZE ADDITIONAL is used to alter the transaction amount for transactions that in a Settled state.</p> <p>Using AUTHORIZE ADDITIONAL creates a separate transaction that requires Settlement on its own</p>	Required	Alpha		DELETE

	<p>apart from the original transaction.</p> <p><b>CREDIT</b> Reverses the specified amount to the cardholders account. (Also commonly referred to as a Refund.)</p> <p><b>DELETE</b> Deletes a previously Authorized transaction.</p> <p>DELETE can be legitimately used to DELETE test transactions.</p> <p><b>NOTE: DO NOT DELETE SETTLED TRANSACTIONS. For Settled transactions, use CREDIT instead, otherwise the Settlement amounts displayed in the Register will not be reconcilable.</b></p> <p><b>FREEZE</b> Places a previously Authorized transaction in a frozen state so that no further actions possible without Thawing the transaction.</p> <p><b>NOTE: If you FREEZE a transaction you must use the Merchant Services Interface to THAW the transaction.</b></p> <p><b>SETTLE</b> Places a previously Authorized transaction into the Settlement queue to be Settled according to the preferences set for the Merchant Account: for example Manual Settlement, Automatic, or Daily Settlement.</p> <p><b>SPLITSETTLE</b> Allows a previously Authorized transaction to be Settled in separate Settlement amounts</p>				
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	<p>and batches.</p> <p>Use this variable option to place break a transaction up into smaller transactions for Settlement according to the preferences set in the Merchant Account. Split Settlement allows for charging the cardholder's card separate incremental amounts in instances where delayed shipment of goods or services is required.</p>				
szAmount	<p>The desired Transaction Amount for the selected action</p> <p>The dollar amount by which the cardholder's account will be impacted.</p> <p>This variable is only permitted for:</p> <p>AUTHORIZE AUTHORIZE ADDITIONAL CREDIT SETTLE SPLITSETTLE</p>	Optional	Numeric and decimal ('.')	3/12 (Count does not Include Decimal)	12018 or 120.18
szForceSettlement	<p>Force Settlement</p> <p>This variable is used to trigger the close of a Settlement Batch.</p> <p>Set <b>szForceSettlement=0</b> to not force Settlement.</p> <p>Set <b>szForceSettlement=1</b> to force Settlement.</p> <p>This variable affects the transaction only when the desired status is either CREDIT or SETTLE.</p> <p>If this variable is omitted Settlement is forced by default. Therefore, consider including the szForceSettlement=0 for all</p>	Optional	Numeric	1/1	0 or 1

	<p>transactions, even though it is an optional variable.</p> <p>For Batch Files, the <b>szForceSettlement</b> variable can be used to control the number of transactions that are submitted in a Settlement Batch. This is achieved by setting all but the last transaction to have a <b>szForceSettlement=0</b> and the <b>szForceSettlement=1</b> for the last transaction in the batch.</p>				
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### Development Notes for Change Transaction Status Method

- To be able to use **szDesiredStatus: Settle** and specify an amount (**szAmount**) above the original amount, your Skipjack Account must be configured to **Allow Settlement Above Original Amount**. Contact Skipjack Financial Services Support to enable this function on your Skipjack Account, if this function is required.
- To be able to use **szDesiredStatus: Credit** and specify an amount (**szAmount**) above the original amount, your Skipjack Account must be configured to **Allow Credits Above Original Amount**. Contact Skipjack Financial Services Support to enable this function on your Skipjack Account.
- When performing either of the above **szDesiredStatus** functions there is a latency of approximately 30 seconds in the Production environment and 60 seconds in the Development environment. Please consider this when using either of these methods in your integration.
- When submitting amounts (**szAmount**) that is different than the original amount, your Payment Processor may downgrade your transaction processing rate and impose other fees. Please ensure that you are familiar with the implications of using these options and contact your Payment Processor for details about any costs associated with these payment processing options.

## Response Variables for the Change Transaction Status Method

### Interpreting the Change Transaction Status Response Records

Response strings are returned as a text string in comma-delimited format with a carriage return/line feed (CR/LF) record delimiters. Types of records returned are listed below:

1. Status Record (Header Record) is the first record returned and contains information about the subsequent records.
2. Response Record (Data Record) is the second and subsequent record(s) returned for successful transactions (szErrorCode=0) and includes transaction information described in the table below.

An Error Record is returned as the third record only when an error condition exists (szErrorCode≠0). An Error Record contains a brief text description of the transaction error.

### Status Records (Header Record) Variables for Change Transaction Status

Return Order	Variable Name	Variable Description	Variable Type	Min / Max Length	Example
1	szSerialNumber	HTML Serial Number  Merchant's Skipjack-assigned unique HTML Serial Number.	Numeric	12/12	000111222333
2	szErrorCode	Error Code  Response Error Code indicating success or error conditions.  0 = Success -1 = Invalid Command -2 = Parameter Missing -3 = Failed retrieving response -4 = Invalid Status -5 = Failed reading security flags -6 = Developer serial number not found -7 = Invalid Serial Number -51 = Invalid Amount	Numeric and "-"	1/2	-1
3	szNumberRecords	The number of records in the response.	Numeric	1/4	5
4-15	Reserved	Reserved Variables	Reserved	Reserved	Reserved

### Response Record Variables for the Change Transaction Status Method

Response Record (Data Record) is the second and subsequent record(s) returned for successful transactions (szErrorCode=0) and includes transaction information described in the table below.

Return Order	Variable Name	Variable Description	Variable Type	Min / Max Length	Example
1	Serial Number	HTML Serial Number  Skipjack-assigned unique HTML serial number.	Numeric	12/12	000111222333
2	Transaction Amount	Transaction Amount  The Transaction Amount is the purchase amount to be Authorized on the Customer's credit card.  The return of the TransactionAmount variable	Numeric and period (".")	5/14	Response of 5.1500 = Five dollars fifteen cents  (Response for this amount has 4 decimals.)
3	Desired Status	Desired status for transaction.  The return of the szDesiredStatus variable.	Alpha-Numeric		CREDIT
4	Status Response	The response text of the status change. The valid entries are:  SUCCESSFUL UNSUCCESSFUL NOT ALLOWED	Alpha-Numeric		SUCCESSFUL UNSUCCESSFUL NOT ALLOWED
5	Status Response Message	Detailed text message describing the reason for the response.	Alpha-Numeric	0/60	Valid or Status Mismatch
6	Order Number	The Order Number created during the original Authorization.  The return of the szOrderNumber variable.	Numeric and ("/")	1/40	A1234567890
7	AuditID	Audit ID  Unique Audit ID assigned by Skipjack Transaction Network for each transaction returned.	Numeric and period (".")	10/18	<b>10138084223445.009</b>

## Examples for Change Transaction Status Method

### Request Example 1: Change Transaction Status – Specifying szOrderNumber (Error)

```
<!--Fixed Values-->
<FORM NAME="samplechangetransactionstatus"
ACTION="https://developer.skipjackic.com/scripts/EvolvCC.dll?
SJAPI_TransactionChangeStatusRequest" METHOD=POST>
<INPUT NAME="szSerialNumber" VALUE="000123456789">
<INPUT NAME="szDeveloperSerialnumber" VALUE="987654321000">

<!--Purchase Data-->
<INPUT NAME="szOrderNumber" VALUE="ABC123">
<INPUT NAME="szAmount" VALUE="100.00">
<INPUT NAME="szDesiredStatus" VALUE="CREDIT">
```

### Response Example 1: No Records Found for Order Number (Error)

```
"000123456789","0","1","","","","","","","","","","","","","",""
"000123456789",-3","","","","","","","","","","","","","",""
No Records Found
```

### Request Example 2: Change Transaction Status (Error - Incorrect Amount for Credit)

```
<!--Fixed Values-->
<FORM NAME="samplechangetransactionstatus"
ACTION="https://developer.skipjackic.com/scripts/EvolvCC.dll?
SJAPI_TransactionChangeStatusRequest" METHOD=POST>
<INPUT NAME="szSerialNumber" VALUE="000123456789">
<INPUT NAME="szDeveloperSerialnumber" VALUE="987654321000">

<!--Purchase Data-->
<INPUT NAME="szOrderNumber" VALUE="ABC123">
<INPUT NAME="szAmount" VALUE="100.00">
<INPUT NAME="szDesiredStatus" VALUE="CREDIT">
```

### Response Example 2: Change Transaction Status – Error: Incorrect Amount for Credit

```
"000123456789","0","1","","","","","","","","","","","","","",""
"000123456789","100.0000","CREDIT","UNSUCCESSFUL","InvalidAmount","ABC123","1013808422344
5.009"
```

### Request Example 3: Change Transaction Status – Split Settle specifying szOrderNumber

```
<!--Fixed Values-->
<FORM NAME=" samplechangetransactionstatus"
ACTION="https://developer.skipjackic.com/scripts/EvolvCC.dll?
SJAPI_TransactionChangeStatusRequest" METHOD=POST>
<INPUT NAME="szSerialNumber" VALUE="000123456789">
<INPUT NAME="szDeveloperSerialnumber" VALUE="987654321000">

<!--Purchase Data-->
<INPUT NAME="szOrderNumber" VALUE="ABC123">
<INPUT NAME="szAmount" VALUE="5.00">
<INPUT NAME="szDesiredStatus" VALUE="SPLITSETTLE">
```

### Response Example 3: Change Transaction Status – Split Settle

```
"000123456789","0","1","","","","","","","","","","","","",""
"000123456789","1.0000","SPLITSETTLE","SUCCESSFUL","Valid","ABC123","10138084247034.009"
```

### Request Example 4: Change Transaction Status – Credit specifying szOrderNumber

```
<!--Fixed Values-->
<FORM NAME=" samplechangetransactionstatus"
ACTION="https://developer.skipjackic.com/scripts/EvolvCC.dll?
SJAPI_TransactionChangeStatusRequest" METHOD=POST>
<INPUT NAME="szSerialNumber" VALUE="000123456789">
<INPUT NAME="szDeveloperSerialnumber" VALUE="987654321000">

<!--Purchase Data-->
<INPUT NAME="szOrderNumber" VALUE="ABC123">
<INPUT NAME="szAmount" VALUE="8.00">
<INPUT NAME="szDesiredStatus" VALUE="CREDIT">
```

### Response Example 4: Change Transaction Status Credit – Error: Status Mismatch

```
"000123456789","0","1","","","","","","","","","","","","",""
"000123456789","8.0000","CREDIT","UNSUCCESSFUL","StatusMismatch","ABC123","10138084247034.009"
```

## Request Example 5: Change Transaction Status – Split Settle specifying szOrderNumber

```
<!--Fixed Values-->
<FORM NAME=" samplechangetransactionstatus"
ACTION="https://developer.skipjackic.com/scripts/EvolvCC.dll?
SJAPI_TransactionChangeStatusRequest" METHOD=POST>
<INPUT NAME="szSerialNumber" VALUE="000123456789">
<INPUT NAME="szDeveloperSerialnumber" VALUE="987654321000">

<!--Purchase Data-->
<INPUT NAME="szOrderNumber" VALUE="ABC123">
<INPUT NAME="szAmount" VALUE="1.00">
<INPUT NAME="szDesiredStatus" VALUE="SPLITSETTLE">
```

## Response Example 5: Change Transaction Status – Successful: Split Settle

```
"000123456789","0","1","","","","","","","","","","","","",""
"000123456789","1.0000","SPLITSETTLE","SUCCESSFUL","Valid","ABC123","10138084247034.009"
```