EVO

Incremental Authorization
Integration Guide

Simplifying Payments AROUND THE GLOBE
150+ CURRENCIES ACROSS 50 MARKETS WORLDWIDE

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Overview

What is Incremental Authorization?

Incremental authorization is used to increase the total amount authorized if the original amount is insufficient, such as for bar tabs, auto rentals, and hotels and lodging. Incremental authorizations do not replace the original authorization — they are additional to previously authorized amounts — the sum of all linked estimated and incremental authorizations represent the total amount authorized for a given transaction. From a cardholder perspective, only one transaction would appear on their statement for multiple Incremental Authorizations, which improves cardholder experience.

Incremental Authorization is supported on EVO Snap* platforms for Visa, MasterCard, and Discover card types. This feature will be available to all integrators and solutions that process through EVO Snap* to the NGTrans front-end.

Workflows

This section describes how to process incremental authorizations through Snap* via the NGTrans front-end. It is important to note that card brands have their own rules based on the merchant's MCC, and approved or declined behavior may vary based on the card issuer processing the transactions and the MCC.

Adjust

An **Adjust** transaction with a positive amount is used to submit an incremental authorization. When calling the Adjust transaction, the Transaction Id of the original authorization is always used. Adjust is currently only supported for Visa, MasterCard and Discover, and only for credit transactions in the Retail and Restaurant industry types.

Within the Adjust transaction:

> **Amount** must contain the dollar amount that should be added to the existing approved authorization amount. The amount returned in the Adjust response will be the total authorization amount including all approved incremental authorizations (the settlement amount).
> **TransactionId** must be the TransactionId returned in the original authorization. This value does not change regardless of the number of incremental authorizations.
> **TransactionCode** may be set to "Override" if the Adjust is declined with the "AP DUPE" response and the merchant wishes to process the duplicate transaction.

Adjust may NOT be used following any AuthorizeAndCapture transaction that had Tip Adjustments submitted. If Adjust is submitted following an AuthorizeAndCapture transaction, a later Tip Adjustment will not be allowed.

An unlimited number of Adjust transactions are allowed to follow an original AuthorizeAndCapture prior to batch close. When the batch is closed, the transaction is closed. If Adjust is submitted after batch close, Snap* may return the validation error "Capture already in process." If the transaction proceeds to NGTrans

after batch close, they will return BankcardTransactionResponse/**StatusCode** "134" and BankcardTransactionResponse/**StatusMessage** "BATCH IS CLOSED".

Adjust Sample Request

```
Adjust adjust = new Adjust
{
    Amount = 30.00,
    TipAmount = 10.00
    TransactionCode = TransactionCode.Override
    TransactionId = e44b34d5-6edc-4f21-a661-434393e4c7e1
};
```

Authorize Scenarios

There are three scenarios to process Authorize incremental authorizations.

Authorize → Adjust → Capture

> An Authorize transaction is submitted for $30.00. If approved, the response amount is $30.00. At this point, the total authorized amount of the transaction is also $30.00.

> Then, an Adjust transaction is submitted using the TransactionId of the original Authorize for $10.00. If approved, the response amount is $40.00, reflecting the new total authorized amount of this transaction. This transaction may be submitted before or after the batch closes until Capture is submitted.

> Finally, a Capture is submitted using the TransactionId of the original Authorize. Snap* will submit the Capture for $40.00. If approved, the transaction is now closed. This transaction may be submitted before or after the batch closes.

Authorize → Adjust → Undo

> An Authorize transaction is submitted for $30.00. If approved, the response amount is $30.00. At this point, the total authorized amount of the transaction is also $30.00.

> Then, an Adjust transaction is submitted using the TransactionId of the original Authorize for $10.00. If approved, the response amount is $40.00, reflecting the new total authorized amount of this transaction. This transaction may be submitted before or after the batch closes until Capture is submitted.

> Finally, an Undo transaction is submitted using the TransactionId of the original Authorize. Snap* will submit the Undo for $40.00. If approved, this transaction is voided. This transaction may be submitted before or after the batch closes until Capture is submitted.

Authorize → Adjust → Resubmit Correction (Partial Reversal) → Capture

> An Authorize transaction is submitted for $30.00. If approved, the response amount is $30.00. At this point, the total authorized amount of the transaction is also $30.00.

> Then, an Adjust transaction is submitted using the TransactionId of the original Authorize for $10.00. If approved, the response amount is $40.00, reflecting the new total authorized amount of this transaction. This transaction may be submitted before or after the batch closes until Capture is submitted.

> After that, a Resubmit Correction is submitted for $35.00. If approved, the response amount is $35.00 and the new total authorized amount is $35.00 (partial reversal submits a replacement settlement

amount, regardless of any other previously submitted transactions). This transaction may be submitted before or after the batch closes until Capture is submitted.

> Finally, a Capture is submitted using the TransactionId of the original Authorize. Snap* will submit the Capture for $35.00. If approved, the transaction is now closed.

AuthorizeAndCapture Scenarios

There are three scenarios to process AuthorizeAndCapture incremental authorizations.

AuthorizeAndCapture → Adjust

> An AuthorizeAndCapture transaction is submitted for $30.00. If approved, the response amount is $30.00. At this point, the total authorized amount of the transaction is also $30.00.

> Then, an Adjust transaction is submitted using the TransactionId of the original AuthorizeAndCapture for $10.00. If approved, the response amount is $40.00, reflecting the new total authorized amount of this transaction. This transaction may only be submitted before the batch closes.

AuthorizeAndCapture → Adjust → Undo

> An AuthorizeAndCapture transaction is submitted for $30.00. If approved, the response amount is $30.00. At this point, the total authorized amount of the transaction is also $30.00.

> Then, an Adjust transaction is submitted using the TransactionId of the original AuthorizeAndCapture for $10.00. If approved, the response amount is $40.00, reflecting the new total authorized amount of this transaction. This transaction may only be submitted before the batch closes.

> Finally, an Undo transaction is submitted using the TransactionId of the original AuthorizeAndCapture. Snap* will submit the Undo for $40.00. If approved, this transaction is voided. This transaction may only be submitted before the batch closes.

AuthorizeAndCapture → Adjust → Resubmit Correction (Partial Reversal)

> An AuthorizeAndCapture transaction is submitted for $30.00. If approved, the response amount is $30.00. At this point, the total authorized amount of the transaction is also $30.00.

> Then, an Adjust transaction is submitted using the TransactionId of the original AuthorizeAndCapture for $10.00. If approved, the response amount is $40.00, reflecting the new total authorized amount of this transaction. This transaction may only be submitted before the batch closes.

> Finally, a Resubmit Correction is submitted for $15.00. If approved, the response amount is $15.00 and the new total authorized amount is $15.00 (partial reversal submits a replacement settlement amount, regardless of any other previously submitted transactions). This transaction may only be submitted before the batch closes. When the batch is closed, $15.00 will be submitted by NGTrans as the settlement amount.