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Overview

Online Commerce Suite is a Web-based payment gateway that allows you to process secure credit card and electronic check payments for goods and services over the Internet. Using the Online Merchant Center™ web-based administrative user interface, you can configure your Online Commerce Suite account, add users, and manage your e-business. Online Commerce Suite provides a comprehensive set of online and downloadable transaction management and accounting reports.

What's In This Guide

The Online Commerce Suite Batch Processing Guide is designed to assist you with the steps required to bulk-process credit card and electronic check transactions. Batch Processing is just one of many transaction processing methods available in the Online Commerce Suite. For an overview of the integration methods available, please refer to the Integration Guide.

How to Comment on This Guide

Every effort has been made to produce an accurate and easy to understand the Batch Processing Guide.

Contact Information

For more information about Online Commerce Suite, refer to the following:

Customer Service

If you have problems with this document, or find that the instructions are incorrect, incomplete, or inadequate, please let us know.

Send your comments to support@merchantpartners.com

Phone: (866) 242-9933

Documentation

Web Site URL: https://www.onlinemerchantcenter.com/mpartners/html/user_manuals.html

Certified Networks


Hardware Compatible List

Web Site URL: https://www.onlinemerchantcenter.com/mpartners/html/equipment.html

Transaction Processing URL

# Transaction Types (Batch Processing Actions)

**Note:** The following transaction types are available. The second field on each line of the batch file specifies the record type. It must be one of the values shown in the table below. If the Record Type is set to any value other than the ones shown in the table below, the entire line is ignored. No error is generated, and the receipt (if requested) will also not contain an entry for the ignored record.

<table>
<thead>
<tr>
<th>Credit Card Transaction</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS_QUICKSALE_CC</td>
<td>This transaction format can be used to batch process credit card transactions.</td>
</tr>
<tr>
<td>NS_QUICKSALE_PREAUTH</td>
<td>This transaction format can be used to process a Pre-Authorization Only transaction.</td>
</tr>
<tr>
<td>NS_QUICKSALE_POSTAUTH</td>
<td>This transaction format can be used to complete a Pre-Authorization Only transaction.</td>
</tr>
<tr>
<td>NS_QUICKSALE_CCCREDIT</td>
<td>This transaction format can be used to issue a standalone credit (one that doesn't offset an existing credit card sale).</td>
</tr>
<tr>
<td>NS_QUICKSALE_CCCREDITBACK</td>
<td>This transaction format can be used to issue a full or partial credit for an existing credit card sale.</td>
</tr>
<tr>
<td>NS_QUICKSALE_VOID</td>
<td>This transaction format can be used to void a transaction. Once a transaction has settled it can no longer be voided, and a credit must be issued.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recurring Transaction</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS_RECURRING_ADD</td>
<td>This transaction format can be used to batch import a recurring consumer, and is required to batch update or cancel the recurring consumer.</td>
</tr>
<tr>
<td>NS_RECURRING_UPDATE</td>
<td>This transaction format can be used to modify in batch an existing consumer's recurring configuration; the consumer must have been added using the batch recurring add format.</td>
</tr>
<tr>
<td>NS_RECURRING_CANCEL</td>
<td>This transaction format can be used to cancel (or delete) an existing recurring consumer.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACH Transaction</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS_QUICKSALE_CHECK</td>
<td>This transaction format can be used to batch process ACH (electronic check) transactions.</td>
</tr>
<tr>
<td>NS_CONSUMER_DISBURSEMENT</td>
<td>This transaction format can be used to disburse funds from the merchant's checking account to a consumer using an ACH (electronic check) transaction.</td>
</tr>
<tr>
<td>NS_QUICKSALE_CHECKREFUND</td>
<td>This transaction format can be used to issue a full or partial refund on an existing ACH (electronic check) transaction.</td>
</tr>
<tr>
<td>ACH_VERIFICATION</td>
<td>This transaction format can be used to verify that the account is valid and in good standing.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Check 21 Transaction</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTACH_CK21SALE</td>
<td>This transaction format can be used to batch process Check 21 transactions through a third party processor.</td>
</tr>
<tr>
<td>EXTACH_CK21VOID</td>
<td>This transaction format can be used to void a Check21 transaction. Once a transaction has settled it can no longer be voided, and a credit must be issued.</td>
</tr>
<tr>
<td>EXTACH_CK21REFUND</td>
<td></td>
</tr>
</tbody>
</table>
This transaction format can be used to issue a full or partial refund on an existing Check21 transaction through a third party processor.

<table>
<thead>
<tr>
<th>3rd Party Check Processing Service Providers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTACH_SALE</td>
<td>This transaction format can be used to batch process ACH (electronic check) transactions through a third party processor.</td>
</tr>
<tr>
<td>EXTACH_VOID</td>
<td>This transaction format can be used to void an Extended ACH (electronic check) transaction. Once a transaction has settled it can no longer be voided, and a credit must be issued.</td>
</tr>
<tr>
<td>EXTACH_REFUND</td>
<td>This transaction format can be used to issue a full or partial refund on an existing ACH (electronic check) transaction through a third party processor.</td>
</tr>
<tr>
<td>EXTACH_CONSUMERDISBURSEMENT</td>
<td>This transaction format can be used to disburse funds from the merchant's checking account to a consumer using an ACH (electronic check) transaction through a third party processor.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stored Profile</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROFILE_ADD</td>
<td>This transaction format can be used to store a consumer's payment information for billing at a later date. This transaction will place a $1.00 Authorization on all Credit Cards to validate them.</td>
</tr>
<tr>
<td>PROFILE_IMPORT</td>
<td>This transaction format can be used to store a consumer's payment information for billing at a later date. This transaction will NOT place a $1.00 Authorization on all Credit Cards to validate them.</td>
</tr>
<tr>
<td>PROFILE_SALE</td>
<td>This transaction format can be used to charge consumer payment information stored profile.</td>
</tr>
<tr>
<td>PROFILE_UPDATE</td>
<td>This transaction format can be used to update the data in a stored profile.</td>
</tr>
<tr>
<td>PROFILE_CREDIT</td>
<td>This transaction format can be used to issue a standalone credit to the consumer payment information in a stored profile.</td>
</tr>
<tr>
<td>PROFILE_DELETE</td>
<td>This transaction format can be used to delete a stored profile.</td>
</tr>
</tbody>
</table>
Batch Processor Test Templates

Note: The following templates are available for downloading which can be customized for specific transaction types. The following test account info can be used to test different transaction types by updating the templates. If a required field is not applicable to your needs (such as the Sub ID field for merchants with multiple sites), the required field must still be included in the record but should be left blank. None of the optional fields or their delimiters that follow the last required field needs to be supplied.

- Account ID: TEST0
- Credit Card: 5454545454545454
- ACH: 999999999 - ABA: 999999999

- Credit Card Template.xls
- ACH Template.xls
- Recurring Template.xls
- Check 21 Template.xls
- Third Party Check Processing Template.xls
- Stored Profile Template.xls
Setting Up An Online Commerce Suite Account

The first step in setting up your Online Commerce Suite account is to contact Customer Service to complete your registration by telephone. When your account is confirmed and set up, you will receive your five-digit Online Commerce Suite Account ID number (Acct ID). This important number identifies your account in the Online Commerce Suite system and allows the system server to authenticate transactions originating from you. Be sure to include your Online Commerce Suite Acct ID number in all correspondence with Customer Service.

See the companion manual Getting Started with Online Commerce Suite for more information on setting up your account.

Integrating your System with Online Commerce Suite

Your e-commerce goals determine the transaction processing method you will use with Online Commerce Suite. Various factors make a difference how you integrate Online Commerce Suite with your e-commerce business, whether you offer products or subscriptions or both. Factors include:

- Do you use Shopping Cart software?
- Did you develop your own Web site?
- Is your Web site is hosted on a secure server?
- Do you want Online Commerce Suite to calculate shipping and tax?
- Do you have your own database to track your inventory and business?

The answers to these questions determine the complexity of your integration with Online Commerce Suite. Depending on your requirements, integration can be very straightforward or may require a sophisticated understanding of HTML, CGI, ASP or other Web technologies.

Batch File Submission using SFTP

Batch processing is oriented toward the non-interactive approach to data processing. Your system accumulates a number of transaction requests (a batch), submits them all for processing, and then optionally receives a receipt file of transaction results. This is an excellent way to process a large number of recurring billings at the end of the month, or for submitting the Post-Auth transactions to complete earlier Pre-Auth transaction that were processed in real-time.

Batch processing gives you complete control over what your customers see. The Online Commerce Suite URL never appears in your customer's browser. Communication between your system and Online Commerce Suite is done in batches using SFTP. This method requires some programming or database / spreadsheet skills.

How It Works

Interactions between you and your customer browser are not shown in Figure 1, because this process assumes the interactions to have accumulated into the transaction requests comprising the batch file.

1. You prepare a batch file of transaction requests in accordance with the file and record formats.
2. The file is PGP-encrypted to prevent unauthorized inspection of the contents.
3. Your system connects to the Online Commerce Suite system server via the Internet using the Online Commerce Suite SFTP URL, using a login and password provided by Customer Service.
4. Select the /Uploads directory and transmit the file using SFTP. You can also place the batch file into the /Uploads/HighVolume directory if you wish to process a large number of transactions at once, but the transactions in the batch file are not guaranteed to complete in the same order in which they appear in the batch file because multiple transactions will be processed concurrently.
5. Online Commerce Suite scans the \Uploads and \Uploads\HighVolume directories several times a minute and moves any uploaded files behind a firewall prior to the actual transaction processing.
6. The batch file begins processing and the results for each transaction are immediately visible in the regular Transaction Report of the Online Commerce Suite.
7. When the batch has completed processing, Online Commerce Suite can optionally return a receipt file containing the transaction results to your system. This can be done using FTP or E-Mail, and the file may be encrypted using the industry-standard PGP (Pretty Good Privacy) system. Improperly formatted or incomplete records appearing in the batch file are discarded, and do not show up in any reports or the receipt file. Empty batch files (or those appearing to be empty because of formatting problems) generate no receipt.

![Batch processing submission process diagram](image)

**Figure 1: Batch processing submission process.**

**File Format**

The batch transaction request file is an ANSI-format text file with one transaction per line and a single TAB (ANSI 9) character separating each field. If a required field is not applicable to your needs (such as the Sub ID field for merchants with multiple sites), the required field must still be included in the record but should be left blank. None of the optional fields or their delimiters that follow the last required field needs to be supplied.

Each transaction record starts with a Transaction ID and a Record Type. The Transaction ID is supplied by you, the Merchant, and is used to link the batch file record to your database for later reconciliation of the transaction results. For example, you could pass a Customer ID or Account Number from your own software system as the Transaction ID. The Record Type tells Online Commerce Suite what to do with the remaining fields on the line; the meaning of each field depends on the Record Type. See the Supported Record Types table below for details.

Because the data for each transaction includes a Record Type, you may submit different types of transactions in a single file. For example, you could submit a single file containing both credit card and check sales, and update the recurring database with new members.

If you have no programming expertise, the easiest way to create a file in the required format is to place each input field into separate columns in Microsoft Excel, with one record per row. Column A should contain the Transaction ID, and column B should contain the Record Type. Subsequent columns need to be filled in with the additional fields of the record format you wish to process. Save the file to disk using the `Save As` command; when prompted for the name of the file, be sure to change the type from *Microsoft Excel Workbook (*.xls)* to *Text (Tab Delimited).*
## Data Types

The data types used in both the transaction and receipt records are as follows:

<table>
<thead>
<tr>
<th>Data Type</th>
<th>Description</th>
<th>Examples</th>
</tr>
</thead>
</table>
| character | A series of characters of any type including letters, numbers, punctuation marks, and symbols. A TAB (ANSI 9) may not be included because it is used as the field separator. The size indicates the maximum length of the field. | John Doe  
310-826-2323  
420 Main Street, Apt. 3 |
| numeric | A number with an optional fraction. The size indicates the maximum length of the field including the fraction, followed by a comma, and the number of digits in the fraction. | 19.95  
1234.56  
880 |
| boolean | A value indicating either TRUE or FALSE. "1", "Y", and "YES" are treated as TRUE; "0", "N", and "NO" are treated as FALSE. | 1  
TRUE  
Y  
Yes |
Credit Card Transactions

The following tables describe required and optional data elements that can be sent to the Merchant Partners gateway to complete a transaction.

Credit Card Record

**Note:** Fields marked with a diamond (◊) are only required for Purchase Card Level II transactions.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>Record Type</td>
<td>char</td>
<td>•</td>
<td>&quot;ns_quicksale_CC&quot;</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>5</td>
<td>CCName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>6</td>
<td>CCNum</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Credit card number</td>
</tr>
<tr>
<td>7</td>
<td>CCExpMonth</td>
<td>numeric</td>
<td>2,0</td>
<td>•</td>
<td>Credit card expiration month</td>
</tr>
<tr>
<td>8</td>
<td>CCExpYear</td>
<td>numeric</td>
<td>4,0</td>
<td>•</td>
<td>Credit card expiration year</td>
</tr>
<tr>
<td>9</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>10</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s company name</td>
</tr>
<tr>
<td>11</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s billing address line 1</td>
</tr>
<tr>
<td>12</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>4,0</td>
<td></td>
<td>Consumer’s billing address line 2</td>
</tr>
<tr>
<td>13</td>
<td>CIBillCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s billing city</td>
</tr>
<tr>
<td>14</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s billing state</td>
</tr>
<tr>
<td>15</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer’s billing zip code</td>
</tr>
<tr>
<td>16</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s billing country</td>
</tr>
<tr>
<td>17</td>
<td>CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s shipping address line 1</td>
</tr>
<tr>
<td>18</td>
<td>CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s shipping address line 2</td>
</tr>
<tr>
<td>19</td>
<td>CIShipCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s shipping city</td>
</tr>
<tr>
<td>20</td>
<td>CIShipState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s shipping state</td>
</tr>
<tr>
<td>21</td>
<td>CIShipZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer’s shipping zip code</td>
</tr>
<tr>
<td>22</td>
<td>CIShipCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s shipping country</td>
</tr>
<tr>
<td>23</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer’s phone number</td>
</tr>
<tr>
<td>24</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s email address</td>
</tr>
<tr>
<td>25</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>26</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s driver’s license number</td>
</tr>
<tr>
<td>27</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer’s social security number</td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Description</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMailTo</td>
<td>char</td>
<td>Email address to email receipt to (instead of consumer)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMailFrom</td>
<td>char</td>
<td>Email address to send receipt email from (instead of merchant)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMailSubject</td>
<td>char</td>
<td>Text to use as the subject of the receipt email (instead of &quot;Payment Receipt # &lt;OrderNbr&gt;&quot;)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMailText</td>
<td>char</td>
<td>Text to use as the body of the receipt email (see list of variables below that can be embedded into email body)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| RecurBillingCycle | numeric | 0 = No Recurring Billing Cycle  
                        1 = Weekly Recurring Billing Cycle  
                        2 = Monthly Recurring Billing Cycle  
                        3 = Quarterly Recurring Billing Cycle  
                        4 = Semi-Annual Recurring Billing Cycle  
                        5 = Annual Recurring Billing Cycle  
                        6 = Bi-Weekly Recurring Billing Cycle  
                        7 = Bi-Annual Recurring Billing Cycle  
                        8 = Quad Weekly (28 day) Recurring Billing Cycle  
                        9 = One Time Recurring Billing Cycle  
                       10 = Daily Recurring Billing Cycle  
                       11 = Bi-Monthly Recurring Billing Cycle |
| RecurBillingMax | numeric | -1 = Unlimited number of times;  
                        0 = No Recurring Billing ;  
                        >0 = Maximum number of times a consumer's account is re-debited through recurring billing |
| RecurStart    | numeric | Number of days after the initial payment to start debiting the consumer on a recurring cycle |
| RecurAmount   | numeric | Amount to debit the consumer on a recurring cycle (format 123.45) |
| AVSOverride   | boolean | 0 = don't override AVS checks,  
                        1 = override AVS checks |
| CVV2          | numeric | CVV2 / CVC2 code of credit card |
| SupplierRefNum | char    | A mandatory reference number that helps the merchant identify the charge in case of an inquiry by the credit card company. |
| CardHolderRefNum | char    | The cardholder reference number. |
| ShipZip       | char    | The shipping ZIP code. |
| SalesTax      | numeric | The sales tax amount (not the sales tax percentage). |
| ChargeDescriptor | char    | A mandatory free-form field describing the charge. |
| OptionalAmountID | char     | A code describing the OptionalAmount value:  
                        0 = Not used  
                        1 = Local Sales Tax Amount  
                        2 = Tax Exempt |
| OptionalAmount | numeric | An optional amount as described by the OptionalAmountID field. |
| POCustomerRefID | char     | A customer Purchase Order Number |
| CurrencyCode  | char    | Three character currency code. i.e. 'USD' for US$ |
### Credit Card Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
Credit Card Pre-Authorization

Note: Fields marked with a diamond (◊) are only required for Purchase Card Level II transactions.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td></td>
<td>&quot;ns_quicksale_PREAUTH&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>5</td>
<td>CCName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>6</td>
<td>CCNum</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Credit card number</td>
</tr>
<tr>
<td>7</td>
<td>CCEExpMonth</td>
<td>numeric</td>
<td>2,0</td>
<td>•</td>
<td>Credit card expiration month</td>
</tr>
<tr>
<td>8</td>
<td>CCEExpYear</td>
<td>numeric</td>
<td>4,0</td>
<td>•</td>
<td>Credit card expiration year</td>
</tr>
<tr>
<td>9</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>10</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>11</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 1</td>
</tr>
<tr>
<td>12</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>4,0</td>
<td></td>
<td>Consumer's billing address line 2</td>
</tr>
<tr>
<td>13</td>
<td>CIBillCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>14</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>15</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>16</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>17</td>
<td>CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 1</td>
</tr>
<tr>
<td>18</td>
<td>CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 2</td>
</tr>
<tr>
<td>19</td>
<td>CIShipCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping city</td>
</tr>
<tr>
<td>20</td>
<td>CIShipState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping state</td>
</tr>
<tr>
<td>21</td>
<td>CIShipZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's shipping zip code</td>
</tr>
<tr>
<td>22</td>
<td>CIShipCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping country</td>
</tr>
<tr>
<td>23</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>24</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>25</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>26</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>27</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>28</td>
<td>EMailTo</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to email receipt to (instead of consumer)</td>
</tr>
<tr>
<td>29</td>
<td>EMailFrom</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to send receipt email from (instead of merchant)</td>
</tr>
<tr>
<td>30</td>
<td>EMailSubject</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Text to use as the subject of the receipt email (instead of &quot;Payment Receipt # &lt;OrderNbr&gt;&quot;)</td>
</tr>
<tr>
<td>No.</td>
<td>Field Name</td>
<td>Data Type</td>
<td>Length</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>--------------------</td>
<td>-----------</td>
<td>--------</td>
<td>----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>EMailText</td>
<td>char</td>
<td>1024</td>
<td>Text to use as the body of the receipt email (see list of variables below that can be embedded into email body)</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>RecurBillingMax</td>
<td>numeric</td>
<td>5,0</td>
<td>-1 = Unlimited number of times; 0 = No Recurring Billing ; &gt; 0 = Maximum number of times a consumer's account is re-debited through recurring billing</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>RecurStart</td>
<td>numeric</td>
<td>2,0</td>
<td>Number of days after the initial payment to start debiting the consumer on a recurring cycle</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>RecurAmount</td>
<td>numeric</td>
<td>10,2</td>
<td>Amount to debit the consumer on a recurring cycle (format 123.45)</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>AVSOVERRIDE</td>
<td>boolean</td>
<td></td>
<td>0 = don't override AVS checks, 1 = override AVS checks</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>CVV2</td>
<td>numeric</td>
<td>4,0</td>
<td>CVV2 / CVC2 code of credit card</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>SupplierRefNum</td>
<td>char</td>
<td>9</td>
<td>A mandatory reference number that helps the merchant identify the charge in case of an inquiry by the credit card company.</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>CardHolderRefNum</td>
<td>char</td>
<td>17</td>
<td>The cardholder reference number.</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>ShipZip</td>
<td>char</td>
<td>16</td>
<td>The shipping ZIP code.</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>SalesTax</td>
<td>numeric</td>
<td>10,2</td>
<td>The sales tax amount (not the sales tax percentage).</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>ChargeDescriptor</td>
<td>char</td>
<td>40</td>
<td>A mandatory free-form field describing the charge.</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>OptionalAmountID</td>
<td>char</td>
<td>1</td>
<td>A code describing the OptionalAmount value: 0=Not used 1=Local Sales Tax Amount 2=Tax Exempt</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>OptionalAmount</td>
<td>numeric</td>
<td>10,2</td>
<td>An optional amount as described by the OptionalAmountID field.</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>POCustomerRefID</td>
<td>char</td>
<td>17</td>
<td>A customer Purchase Order Number</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>CurrencyCode</td>
<td>char</td>
<td>3</td>
<td>Three character currency code. i.e. 'USD' for US$</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>Column</td>
<td>Field Name</td>
<td>Data Type</td>
<td>Size</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------------</td>
<td>-----------</td>
<td>------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Reference Code</td>
<td>char</td>
<td>64</td>
<td>The reference code for the completed Pre-Auth transaction. This code must be specified when processing the Post-Auth transaction.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
<td></td>
</tr>
</tbody>
</table>
Credit Card Post-Authorization

Note: Fields marked with a diamond (◊) are only required for Voice Post transactions where an authorization code was manually obtained from a call center.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td></td>
<td>&quot;ns_quicksale_POSTAUTH&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>Reference Code</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Reference code from the receipt of the Pre-Auth transaction</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45); may be less than the amount of the corresponding Pre-Authorization</td>
</tr>
<tr>
<td>6</td>
<td>CCName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CCNum</td>
<td>char</td>
<td>18</td>
<td></td>
<td>Credit card number</td>
</tr>
<tr>
<td>8</td>
<td>CCExpMonth</td>
<td>numeric</td>
<td>2,0</td>
<td></td>
<td>Credit card expiration month</td>
</tr>
<tr>
<td>9</td>
<td>CCExpYear</td>
<td>numeric</td>
<td>4,0</td>
<td></td>
<td>Credit card expiration year</td>
</tr>
<tr>
<td>10</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>11</td>
<td>AVSOVERRIDE</td>
<td>boolean</td>
<td></td>
<td></td>
<td>0 = don't override AVS checks, 1 = override AVS checks</td>
</tr>
<tr>
<td>12</td>
<td>CVV2</td>
<td>numeric</td>
<td>4,0</td>
<td></td>
<td>CVV2 / CVC2 code of credit card</td>
</tr>
<tr>
<td>13</td>
<td>VoiceAuthCode</td>
<td>char</td>
<td>6</td>
<td>◊</td>
<td>The voice authorization code obtained from the call center</td>
</tr>
<tr>
<td>14</td>
<td>VoiceAuthDateTime</td>
<td>char</td>
<td>32</td>
<td>◊</td>
<td>The date and time of the voice authorization (i.e. &quot;03/19/2006 11:03&quot;)</td>
</tr>
<tr>
<td>15</td>
<td>CurrencyCode</td>
<td>char</td>
<td>3</td>
<td></td>
<td>Three character currency code. i.e. 'USD' for US$</td>
</tr>
<tr>
<td>16</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>17</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>18</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>19</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>20</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>21</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>22</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online</td>
</tr>
</tbody>
</table>
Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.

Credit Card Post-Authorization Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Reference Code</td>
<td>char</td>
<td>64</td>
<td>The reference code for the completed Post-Auth transaction.</td>
</tr>
<tr>
<td>4</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
# Credit Card Standalone Credit

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_QUICKSALE_CCCREDIT&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>5</td>
<td>CCName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>6</td>
<td>CCNum</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Credit card number</td>
</tr>
<tr>
<td>7</td>
<td>CCExpMonth</td>
<td>numeric</td>
<td>2,0</td>
<td>•</td>
<td>Credit card expiration month</td>
</tr>
<tr>
<td>8</td>
<td>CCExpYear</td>
<td>numeric</td>
<td>4,0</td>
<td>•</td>
<td>Credit card expiration year</td>
</tr>
<tr>
<td>9</td>
<td>CVV2</td>
<td>numeric</td>
<td>4,0</td>
<td></td>
<td>CVV2 code of credit card</td>
</tr>
<tr>
<td>10</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>11</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>12</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 1</td>
</tr>
<tr>
<td>13</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>4,0</td>
<td></td>
<td>Consumer's billing address line 2</td>
</tr>
<tr>
<td>14</td>
<td>CIBillCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>15</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>16</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>17</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>18</td>
<td>CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 1</td>
</tr>
<tr>
<td>19</td>
<td>CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 2</td>
</tr>
<tr>
<td>20</td>
<td>CIShipCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping city</td>
</tr>
<tr>
<td>21</td>
<td>CIShipState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping state</td>
</tr>
<tr>
<td>22</td>
<td>CIShipZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's shipping zip code</td>
</tr>
<tr>
<td>23</td>
<td>CIShipCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping country</td>
</tr>
<tr>
<td>24</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>25</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>26</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>27</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>28</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>29</td>
<td>EMailTo</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to email receipt to (instead of consumer)</td>
</tr>
<tr>
<td>30</td>
<td>EMailFrom</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to send receipt email from (instead of merchant)</td>
</tr>
<tr>
<td>31</td>
<td>EMailSubject</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Text to use as the subject of the receipt email (instead of &quot;Payment Receipt # &lt;OrderNbr&gt;&quot;)</td>
</tr>
</tbody>
</table>
### Credit Card Standalone Credit Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
# Credit Card Creditback

**Note:** Any one of the last four fields can be specified to indicate which transaction to credit.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_QUICKSALE_CCCREDITBACK&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount to credit</td>
</tr>
<tr>
<td>6</td>
<td>Consumer Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Consumer Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>Order Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>Recurring Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Recurring Key ID of original transaction</td>
</tr>
<tr>
<td>9</td>
<td>History Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>15</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>16</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>
## Credit Card Creditback Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
**Credit Card Void**

**Note:** Any one of the last four fields can be specified to indicate which transaction to void.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td></td>
<td>&quot;NS_QUICKSALE_VOID&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td></td>
<td>Amount of original transaction</td>
</tr>
<tr>
<td>6</td>
<td>Consumer Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Consumer Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>Order Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>Recurring Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Recurring Key ID of original transaction</td>
</tr>
<tr>
<td>9</td>
<td>History Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>15</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>16</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>
## Credit Card Void Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
Recurring Transactions

The following tables describe required and optional data elements that can be sent to the Merchant Partners gateway to complete a transaction.

Recurring Add

The Recurring Add record is identical to the Recurring Import record, except it requires that the Transaction ID field be a non-empty, unique value. Without this, you would not be able to send Recurring Update or Recurring Cancel records, all of which match records in the database against the supplied Transaction ID field.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>Record Type</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_RECURRING_ADD&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>6</td>
<td>CIFirstName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's first name</td>
</tr>
<tr>
<td>7</td>
<td>CILastName</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's last name</td>
</tr>
<tr>
<td>8</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's address</td>
</tr>
<tr>
<td>9</td>
<td>CIBillCity</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's city</td>
</tr>
<tr>
<td>10</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's state</td>
</tr>
<tr>
<td>11</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Consumer's zip code</td>
</tr>
<tr>
<td>12</td>
<td>CIPhone</td>
<td>char</td>
<td>4,0</td>
<td>•</td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>13</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>14</td>
<td>Account Name</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>15</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>16</td>
<td>AcctType</td>
<td>char</td>
<td>2</td>
<td>•</td>
<td>&quot;CC&quot;: credit card; or &quot;CK&quot;: ACH (electronic check)</td>
</tr>
<tr>
<td>17</td>
<td>AcctData1</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>If AcctType = &quot;CK&quot;, then ACH Routing number; If AcctType = &quot;CC&quot;, then credit card expiration date</td>
</tr>
<tr>
<td>18</td>
<td>AcctData2</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>If AcctType = &quot;CK&quot;, then account number; If AcctType = &quot;CC&quot;, then credit card number</td>
</tr>
<tr>
<td>19</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>20</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>21</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>22</td>
<td>RecurBillingCycle</td>
<td>numeric</td>
<td>1,0</td>
<td>•</td>
<td>0 = No Recurring Billing Cycle; 1 = Weekly Recurring Billing Cycle; 2 = Monthly Recurring Billing Cycle; 3 = Quarterly Recurring Billing Cycle; 4 = Semi-Annual Recurring Billing Cycle</td>
</tr>
</tbody>
</table>
### Recurring Add Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>&quot;Success&quot; or an error description</td>
</tr>
</tbody>
</table>
Recurring Update

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>Record Type</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_RECURRING_UPDATE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>6</td>
<td>CIFirstName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's first name</td>
</tr>
<tr>
<td>7</td>
<td>CLastName</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's last name</td>
</tr>
<tr>
<td>8</td>
<td>CIBillAddress</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's address</td>
</tr>
<tr>
<td>9</td>
<td>CIBillCity</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's city</td>
</tr>
<tr>
<td>10</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's state</td>
</tr>
<tr>
<td>11</td>
<td>CIBillZip</td>
<td>char</td>
<td>4,0</td>
<td>•</td>
<td>Consumer's zip code</td>
</tr>
<tr>
<td>12</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>13</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>14</td>
<td>Account Name</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>15</td>
<td>RecurAmount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount to debit consumer in recurring cycle (format 123.45)</td>
</tr>
<tr>
<td>16</td>
<td>AcctType</td>
<td>char</td>
<td>2</td>
<td>•</td>
<td>&quot;CC&quot;: credit card; or &quot;CK&quot;: ACH (electronic check)</td>
</tr>
<tr>
<td>17</td>
<td>AcctData1</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>If AcctType = &quot;CK&quot;, then ACH Routing number; If AcctType = &quot;CC&quot;, then credit card expiration date</td>
</tr>
<tr>
<td>18</td>
<td>AcctData2</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>If AcctType = &quot;CK&quot;, then account number; If AcctType = &quot;CC&quot;, then credit card number</td>
</tr>
<tr>
<td>19</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td>•</td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>20</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>21</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>23</td>
<td>RecurNextBillingDate</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Next scheduled date to bill recurring consumer (MM/DD/YYYY)</td>
</tr>
</tbody>
</table>
24 RecurBillingMax numeric 5,0 • -1 = Unlimited number of times; 0 = No Recurring Billing; > 0 = Maximum number of times a consumer's account is re-debited through recurring billing

25 MemberUserName char 64 Consumer's membership username

26 MemberPassword char 64 Consumer's membership password

27 MemberExpirationDate char 10 Expiration date for consumer's membership access (MM/DD/YYYY)

28 Country char 32 Consumer's country

Recurring Update Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>&quot;Success&quot; or an error description</td>
</tr>
</tbody>
</table>
## Recurring Cancel

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>Record Type</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_RECURRING_CANCEL&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>CancelType</td>
<td>numeric</td>
<td>1,0</td>
<td>•</td>
<td>0 = Immediately, 1 = Next Billing, 2 = Cancel immediately, and add to negative database (scrub)</td>
</tr>
</tbody>
</table>

## Recurring Cancel Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>&quot;Success&quot; or an error description</td>
</tr>
</tbody>
</table>
### ACH Transactions

The following tables describe required and optional data elements that can be sent to the Merchant Partners gateway to complete a transaction.

#### ACH Sale Record

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td></td>
<td>&quot;ns_quicksale_CHECK&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>5</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>6</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>7</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Checking account number</td>
</tr>
<tr>
<td>8</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>9</td>
<td>CCompanyID</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>10</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 1</td>
</tr>
<tr>
<td>11</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 2</td>
</tr>
<tr>
<td>12</td>
<td>CIBillCity</td>
<td>char</td>
<td>4,0</td>
<td></td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>13</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>14</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>15</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>16</td>
<td>CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 1</td>
</tr>
<tr>
<td>17</td>
<td>CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 2</td>
</tr>
<tr>
<td>18</td>
<td>CIShipCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping city</td>
</tr>
<tr>
<td>19</td>
<td>CIShipState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping state</td>
</tr>
<tr>
<td>20</td>
<td>CIShipZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's shipping zip code</td>
</tr>
<tr>
<td>21</td>
<td>CIShipCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping country</td>
</tr>
<tr>
<td>22</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>23</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>24</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>25</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>26</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>27</td>
<td>EMailTo</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to email receipt to (instead of consumer)</td>
</tr>
<tr>
<td>28</td>
<td>EMailFrom</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to send receipt email from (instead of merchant)</td>
</tr>
<tr>
<td></td>
<td>Field Name</td>
<td>Data Type</td>
<td>Length</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>--------------------</td>
<td>-----------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
</tbody>
</table>
| 29| EMailSubject       | char      | 64     | Text to use as the subject of the receipt email (instead of "Payment Receipt # <OrderNbr>"
| 30| EMailText          | char      | 1024   | Text to use as the body of the receipt email (see list of variables below that can be embedded into email body) |
| 31| RecurBillingCycle  | numeric   | 1,0    | 0 = No Recurring Billing Cycle
1 = Weekly Recurring Billing Cycle 
2 = Monthly Recurring Billing Cycle
3 = Quarterly Recurring Billing Cycle
4 = Semi-Annual Recurring Billing Cycle
5 = Annual Recurring Billing Cycle
6 = Bi-Weekly Recurring Billing Cycle
7 = Bi-Annual Recurring Billing Cycle
8 = Quad Weekly (28 day) Recurring Billing Cycle
9 = One Time Recurring Billing Cycle
10 = Daily Recurring Billing Cycle
11 = Bi-Monthly Recurring Billing Cycle |
| 32| RecurBillingMax    | numeric   | 5,0    | -1 = Unlimited number of times;
0 = No Recurring Billing;
> 0 = Maximum number of times a consumer's account is re-debited through recurring billing |
| 33| RecurStart         | numeric   | 2,0    | Number of days after the initial payment to start debiting the consumer on a recurring cycle |
| 34| RecurAmount        | numeric   | 10,2   | Amount to debit the consumer on a recurring cycle (format 123.45) |
| 35| AVSOVERRIDE        | boolean   |        | 0 = don't override AVS checks, 1 = override AVS checks |
| 36| AccountType        | numeric   | 1,0    | Blank or 1 = Checking; 2 = Savings |
| 37| CIBillAddress3     | char      | 384    | Consumer's billing address line 3 |
| 38| CIShipAddress3     | char      | 384    | Consumer's shipping address line 3 |
| 39| CurrencyCode       | char      | 3      | Three character currency code. i.e. 'USD' for US$ |
| 40| Custom1            | char      | 32     | Custom field for information to be included with the transaction |
| 41| Custom2            | char      | 32     | Custom field for information to be included with the transaction |
| 42| Custom3            | char      | 32     | Custom field for information to be included with the transaction |
| 43| Custom4            | char      | 32     | Custom field for information to be included with the transaction |
| 44| Custom5            | char      | 32     | Custom field for information to be included with the transaction |
| 45| Custom6            | char      | 32     | Custom field for information to be included with the transaction |
| 46| MerchantPin        | char      | 32     | The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Commerce Suite™ Batch Processing Guide |

Page 28
Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.

### ACH Sale Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
### ACH Consumer Disbursements

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_CONSUMER_DISBURSEMENT&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>6</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>8</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Checking account number</td>
</tr>
<tr>
<td>9</td>
<td>AccountType</td>
<td>numeric</td>
<td>1,0</td>
<td>•</td>
<td>Blank or 1 = Checking; 2 = Savings</td>
</tr>
<tr>
<td>10</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's billing address line 1</td>
</tr>
<tr>
<td>11</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Consumer's billing address line 2</td>
</tr>
<tr>
<td>12</td>
<td>CIBillCity</td>
<td>char</td>
<td>4,0</td>
<td>•</td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>13</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>14</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>15</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>16</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>17</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>18</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>19</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>20</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>21</td>
<td>EMailTo</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to email receipt to (instead of consumer)</td>
</tr>
<tr>
<td>22</td>
<td>EMailFrom</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Email address to send receipt email from (instead of merchant)</td>
</tr>
<tr>
<td>23</td>
<td>EMailSubject</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Text to use as the subject of the receipt email (instead of &quot;Credit/Refund Receipt # &lt;OrderNbr&gt;)</td>
</tr>
<tr>
<td>24</td>
<td>EMailText</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Text to use as the body of the receipt email (see list of variables below that can be embedded into email body)</td>
</tr>
<tr>
<td>25</td>
<td>CurrencyCode</td>
<td>char</td>
<td>3</td>
<td></td>
<td>Three character currency code. i.e. ‘USD’ for US$</td>
</tr>
<tr>
<td>26</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>27</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>28</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
</tbody>
</table>
Online Commerce Suite™ Batch Processing Guide

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>30</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>31</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>32</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>

ACH Consumer Disbursements Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
# ACH Refund

**Note:** Any one of the last four fields can be specified to indicate which transaction to refund.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;NS_QUICKSALE_CHECKREFUND&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount to refund</td>
</tr>
<tr>
<td>6</td>
<td>Consumer Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Consumer Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>Order Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>Recurring Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Recurring Key ID of original transaction</td>
</tr>
<tr>
<td>9</td>
<td>History Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>15</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>16</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>
### ACH Refund Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
### ACH Verification

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;ACH_VERIFICATION&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>6</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>8</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Checking account number</td>
</tr>
<tr>
<td>9</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>10</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>11</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's social security number</td>
</tr>
<tr>
<td>12</td>
<td>CKNumber</td>
<td>numeric</td>
<td></td>
<td></td>
<td>Check Number</td>
</tr>
</tbody>
</table>
| 13     | CKAcctType           | char      | 1    | •        | ACH account type specification.  
1 = Checking (default if not provided)  
2 = Savings                                                                  |
| 14     | CICompanyName        | char      | 64   |          | Name of company                                                             |
| 15     | CIBillAddress1       | char      | 64   |          | Consumer's billing address                                                  |
| 16     | CIBillAddress2       | char      | 64   |          | Second line of consumer's billing address                                   |
| 17     | CIBillCity           | char      | 32   |          | Consumer's billing city                                                     |
| 18     | CIBillState          | char      | 32   |          | Consumer's billing state                                                    |
| 19     | CIBillZip            | char      | 16   |          | Consumer's billing zip code                                                |
| 20     | CIBillCountry        | char      | 32   |          | Consumer's billing country                                                  |
| 21     | CIShipAddress1       | char      | 64   |          | Consumer's shipping address line 1                                          |
| 22     | CIShipAddress2       | char      | 64   |          | Consumer's shipping address line 2                                          |
| 23     | CIShipCity           | char      | 32   |          | Consumer's shipping city                                                    |
| 24     | CIShipState          | char      | 32   |          | Consumer's shipping state                                                   |
| 25     | CIShipZip            | char      | 16   |          | Consumer's shipping zip code                                                |
| 26     | CIShipCountry        | char      | 32   |          | Consumer's shipping country                                                 |
| 27     | CIEmail              | char      | 64   |          | Consumer's email address                                                    |
| 28     | CIMemo               | char      | 1024 |          | Merchant-supplied information                                               |
| 29     | Custom1              | char      | 32   |          | Custom field for information to be included with the transaction            |
| 30     | Custom2              | char      | 32   |          | Custom field for information to be included with the transaction            |
### ACH Verification Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>

| 31 | Custom3 | char | 32 | Custom field for information to be included with the transaction |
| 32 | Custom4 | char | 32 | Custom field for information to be included with the transaction |
| 33 | Custom5 | char | 32 | Custom field for information to be included with the transaction |
| 34 | Custom6 | char | 32 | Custom field for information to be included with the transaction |

35 | MerchantPin | char | 32 | The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.
Check 21 Transactions

The following tables describe required and optional data elements that can be sent to the Merchant Partners gateway to complete a transaction.

**Check 21 Sale Record**

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td></td>
<td>&quot;EXTACH_CK21SALE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>6</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>8</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Checking account number</td>
</tr>
<tr>
<td>9</td>
<td>CKAccType</td>
<td>char</td>
<td>1</td>
<td>•</td>
<td>&quot;P&quot; - Personal or &quot;B&quot; - Business</td>
</tr>
<tr>
<td>10</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Name of company if CKAccount is &quot;B&quot;</td>
</tr>
<tr>
<td>11</td>
<td>CIFirstName</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>First name on the account</td>
</tr>
<tr>
<td>12</td>
<td>CILastName</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Last name on the account</td>
</tr>
<tr>
<td>13</td>
<td>CIBillStreet</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing street name</td>
</tr>
<tr>
<td>14</td>
<td>CIBillHouseNumber</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing house number</td>
</tr>
<tr>
<td>15</td>
<td>CIBillCity</td>
<td>char</td>
<td>4,0</td>
<td></td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>16</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>17</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>18</td>
<td>CIBillZip4</td>
<td>char</td>
<td>4</td>
<td></td>
<td>Consumer's extended billing zip code</td>
</tr>
<tr>
<td>19</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>20</td>
<td>CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 1</td>
</tr>
<tr>
<td>21</td>
<td>CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's shipping address line 2</td>
</tr>
<tr>
<td>22</td>
<td>CIShipCity</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping city</td>
</tr>
<tr>
<td>23</td>
<td>CIShipState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping state</td>
</tr>
<tr>
<td>24</td>
<td>CIShipZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's shipping zip code</td>
</tr>
<tr>
<td>25</td>
<td>CIShipCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's shipping country</td>
</tr>
<tr>
<td>26</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's phone number</td>
</tr>
<tr>
<td>27</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's email address</td>
</tr>
<tr>
<td>28</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>29</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's driver's license number</td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Length</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td>Consumer's social security number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31 CurrencyCode</td>
<td>char</td>
<td>3</td>
<td>Three character currency code. i.e. 'USD' for US$</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32 CurrencyExponent</td>
<td>numeric</td>
<td></td>
<td>Number of decimal places for the currency code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33 MemoLine1</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34 MemoLine2</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35 MemoLine3</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 RiskModifier</td>
<td>numeric</td>
<td>1</td>
<td>Extended risk check of the check routing number and account number can be modified by this field&lt;br&gt;0 - disables risk checks&lt;br&gt;1 - forces risk checks. If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37 AuthenticationModifier</td>
<td>numeric</td>
<td>1</td>
<td>Authentication of the payer name and address can be modified by this field&lt;br&gt;0 - disables payer authentication checks&lt;br&gt;1 - forces payer authentication checks. If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38 InsuranceModifier</td>
<td>numeric</td>
<td>1</td>
<td>Insurance that the amount will clear can be modified by this field&lt;br&gt;0 - disables insurance&lt;br&gt;1 - forces insurance. If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39 EMailTo</td>
<td>char</td>
<td>64</td>
<td>Email address to email receipt to (instead of consumer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40 EMailFrom</td>
<td>char</td>
<td>64</td>
<td>Email address to send receipt email from (instead of merchant)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41 EMailSubject</td>
<td>char</td>
<td>64</td>
<td>Text to use as the subject of the receipt email (instead of &quot;Payment Receipt # &lt;OrderNbr&gt;&quot;)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42 EMailText</td>
<td>char</td>
<td>1024</td>
<td>Text to use as the body of the receipt email (see list of variables below that can be embedded into email body)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44 RecurBillingMax</td>
<td>numeric</td>
<td>5,0</td>
<td>-1 = Unlimited number of times; 0 = No Recurring Billing;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
> 0 = Maximum number of times a consumer’s account is re-debited through recurring billing

<table>
<thead>
<tr>
<th></th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>RecurStart</td>
<td>numeric</td>
<td>2,0</td>
<td>Number of days after the initial payment to start debiting the consumer on a recurring cycle</td>
</tr>
<tr>
<td>46</td>
<td>RecurAmount</td>
<td>numeric</td>
<td>10,2</td>
<td>Amount to debit the consumer on a recurring cycle (format 123.45)</td>
</tr>
<tr>
<td>47</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>48</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>49</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>50</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>51</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>52</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>53</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>

Check 21 Sale Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
Check 21 Void

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;EXTACH_CK21VOID&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of Original Transaction</td>
</tr>
<tr>
<td>6</td>
<td>OrderKeyID</td>
<td>numeric</td>
<td>16,0</td>
<td>•</td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>HistoryKeyID</td>
<td>numeric</td>
<td>16,0</td>
<td>•</td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>9</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>

Check 21 Void Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode          or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
## Check 21 Refund

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;EXTACH_CK21REFUND&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount that is be refunded. This amount cannot be greater than the original transaction amount.</td>
</tr>
<tr>
<td>6</td>
<td>OrderKeyID</td>
<td>numeric</td>
<td>16,0</td>
<td>•</td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>HistoryKeyID</td>
<td>numeric</td>
<td>16,0</td>
<td>•</td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>SendDate</td>
<td>char</td>
<td>10</td>
<td>•</td>
<td>The time at which the refund check will be printed. Format: yyyy-MM-dd. This date must be the date this transaction is sent or later.</td>
</tr>
<tr>
<td>9</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>15</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>
### Extended ACH Sale Record

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;EXTACH_SALE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>6</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td>•</td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>8</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td>•</td>
<td>Checking account number</td>
</tr>
<tr>
<td>9</td>
<td>AccountTypeDesc</td>
<td>char</td>
<td>17</td>
<td>•</td>
<td>ACH account type description. One of the following:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Personal Checking</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Personal Saving</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Business Checking</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Business Saving</td>
</tr>
<tr>
<td>10</td>
<td>ACHTransactionType</td>
<td>char</td>
<td>3</td>
<td>•</td>
<td>ACH Sec Code: ex (WEB = Internet transaction, TEL = Telephone order, PPD = Consumer Account, CCD = Business Account)</td>
</tr>
<tr>
<td>11</td>
<td>CKNo</td>
<td>char</td>
<td>15</td>
<td>•</td>
<td>Check Number (Required for ARC, BOC, POP, RCK, TEL Transaction Types)</td>
</tr>
<tr>
<td>12</td>
<td>CKAccountType</td>
<td>numeric</td>
<td></td>
<td></td>
<td>Type of Account</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Checking; 2 = Savings</td>
</tr>
<tr>
<td>13</td>
<td>VerificationFlag</td>
<td>number</td>
<td>1</td>
<td></td>
<td>A value of &quot;1&quot; is required to activate Verification as part of the transaction. Verification is an optimal service that must be activated before use.</td>
</tr>
<tr>
<td>14</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>15</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 1</td>
</tr>
<tr>
<td>16</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 2</td>
</tr>
<tr>
<td>17</td>
<td>CIBillCity</td>
<td>char</td>
<td>4.0</td>
<td></td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>18</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>19</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>20</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Length</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>--------</td>
<td>--------</td>
<td>-------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>char</td>
<td>64</td>
<td>Consumer's shipping address line 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>char</td>
<td>64</td>
<td>Consumer's shipping address line 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping city</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping state</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>char</td>
<td>16</td>
<td>Consumer's shipping zip code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping country</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>char</td>
<td>16</td>
<td>Consumer's phone number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>char</td>
<td>64</td>
<td>Consumer's email address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>char</td>
<td>1024</td>
<td>Merchant-supplied information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>char</td>
<td>32</td>
<td>Consumer's driver's license number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>char</td>
<td>32</td>
<td>Consumer's social security number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>char</td>
<td>64</td>
<td>Email address to email receipt to (instead of consumer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>char</td>
<td>64</td>
<td>Email address to send receipt email from (instead of merchant)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>char</td>
<td>64</td>
<td>Text to use as the subject of the receipt email (instead of &quot;Payment Receipt # &lt;OrderNbr&gt;&quot;)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>char</td>
<td>1024</td>
<td>Text to use as the body of the receipt email (see list of variables below that can be embedded into email body)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>numeric</td>
<td>5.0</td>
<td>Recurring Billing Max (0 = No Recurring Billing; &gt; 0 = Maximum number of times a consumer's account is re-debited through recurring billing)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>numeric</td>
<td>2.0</td>
<td>Number of days after the initial payment to start debiting the consumer on a recurring cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>numeric</td>
<td>10.2</td>
<td>Amount to debit the consumer on a recurring cycle (format 123.45)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Extended ACH Sale Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
## Extended ACH Void

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>“EXTACH VOID”</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount to refund</td>
</tr>
<tr>
<td>6</td>
<td>Order Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>History Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td></td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>9</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>
# Extended ACH Refund

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TransactionID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;EXTACH_REFUND&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount to refund</td>
</tr>
<tr>
<td>6</td>
<td>Order Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td>•</td>
<td>Order Key ID of original transaction</td>
</tr>
<tr>
<td>7</td>
<td>History Key ID</td>
<td>numeric</td>
<td>16,0</td>
<td>•</td>
<td>History Key ID of original transaction</td>
</tr>
<tr>
<td>8</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>9</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>10</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>11</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>

---

# Extended ACH Refund Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>

Page 45
## Extended ACH Consumer Disbursements

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;EXTACH_CONSUMERDISBURSEMENT&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount of transaction (format 123.45)</td>
</tr>
<tr>
<td>6</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>•</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>8</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td></td>
<td>Checking account number</td>
</tr>
<tr>
<td>9</td>
<td>AccountTypeDesc</td>
<td>char</td>
<td>17</td>
<td>•</td>
<td>ACH account type description. One of the following:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Personal Checking</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Personal Saving</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Business Checking</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Business Saving</td>
</tr>
<tr>
<td>10</td>
<td>ACHTransactionType</td>
<td>char</td>
<td>3</td>
<td>•</td>
<td>ACH SEC Code:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• WEB = Internet Transaction</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• TEL = Telephone Initiated</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• PPD = Per arranged Payment (Consumer)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• CCD = Business Account</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• ICL = Image Capture Letter</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• IC2 = Image Capture Letter 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• BOC = Back Office Conversion</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• POP = Point-of-Purchase</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• RCK = Represented Check</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• ARC = Account Receivable Conversion</td>
</tr>
<tr>
<td>11</td>
<td>CKNum</td>
<td>char</td>
<td>15</td>
<td>•</td>
<td>Check Number (Required for ARC, BOC, POP, RCK, TEL Transaction Types)</td>
</tr>
<tr>
<td>12</td>
<td>CKAccountType</td>
<td>numeric</td>
<td></td>
<td></td>
<td>Type of Account</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• 1 = Checking;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• 2 = Savings</td>
</tr>
<tr>
<td>13</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's company name</td>
</tr>
<tr>
<td>14</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 1</td>
</tr>
<tr>
<td>15</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer's billing address line 2</td>
</tr>
<tr>
<td>16</td>
<td>CIBillCity</td>
<td>char</td>
<td>4,0</td>
<td></td>
<td>Consumer's billing city</td>
</tr>
<tr>
<td>17</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing state</td>
</tr>
<tr>
<td>18</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Consumer's billing zip code</td>
</tr>
<tr>
<td>19</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Consumer's billing country</td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Length</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>----------</td>
<td>--------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td>Consumer's shipping address line 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21 CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td>Consumer's shipping address line 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22 CIShipCity</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping city</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23 CIShipState</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping state</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 CIShipZip</td>
<td>char</td>
<td>16</td>
<td>Consumer's shipping zip code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 CIShipCountry</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping country</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 CIPhone</td>
<td>char</td>
<td>16</td>
<td>Consumer's phone number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 CIEmail</td>
<td>char</td>
<td>64</td>
<td>Consumer's email address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28 CIMemo</td>
<td>char</td>
<td>1024</td>
<td>Merchant-supplied information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29 CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td>Consumer's driver's license number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td>Consumer's social security number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31 EMailTo</td>
<td>char</td>
<td>64</td>
<td>Email address to email receipt to (instead of consumer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32 EMailFrom</td>
<td>char</td>
<td>64</td>
<td>Email address to send receipt email from (instead of merchant)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33 EMailSubject</td>
<td>char</td>
<td>64</td>
<td>Text to use as the subject of the receipt email (instead of &quot;Payment Receipt # &lt;OrderNbr&gt;&quot; )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34 EMailText</td>
<td>char</td>
<td>1024</td>
<td>Text to use as the body of the receipt email (see list of variables below that can be embedded into email body)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35 RecurBillingCycle</td>
<td>numeric</td>
<td>1,0</td>
<td>0 = No Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 = Weekly Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 = Monthly Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 = Quarterly Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4 = Semi-Annual Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 = Annual Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6 = Bi-Weekly Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7 = Bi-Annual Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8 = Quad Weekly (28 day) Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9 = One Time Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 = Daily Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>11 = Bi-Monthly Recurring Billing Cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 RecurBillingMax</td>
<td>numeric</td>
<td>5,0</td>
<td>-1 = Unlimited number of times;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0 = No Recurring Billing;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>&gt; 0 = Maximum number of times a consumer's account is re-debited through recurring billing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37 RecurStart</td>
<td>numeric</td>
<td>2,0</td>
<td>Number of days after the initial payment to start debiting the consumer on a recurring cycle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38 RecurAmount</td>
<td>numeric</td>
<td>10,2</td>
<td>Amount to debit the consumer on a recurring cycle (format 123.45)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39 Custom1</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40 Custom2</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41 Custom3</td>
<td>char</td>
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<td>Custom field for information to be included with the transaction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Column</td>
<td>Field Name</td>
<td>Data Type</td>
<td>Size</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>----------------</td>
<td>-----------</td>
<td>------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>CIFirstName</td>
<td>char</td>
<td>32</td>
<td>Consumer’s first name.</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>CIMiddleName</td>
<td>char</td>
<td>64</td>
<td>Consumer’s middle name.</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>CILastName</td>
<td>char</td>
<td>32</td>
<td>Consumer’s last name.</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>DateOfBirthDay</td>
<td>numeric</td>
<td>2,0</td>
<td>2 digit day of the consumer’s date of birth.</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>DateOfBirthMonth</td>
<td>numeric</td>
<td>2,0</td>
<td>2 digit month of the consumer’s date of birth.</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>DateOfBirthYear</td>
<td>numeric</td>
<td>4,0</td>
<td>4 digit year of consumer’s date of birth.</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>CIIPAddress</td>
<td>char</td>
<td>15</td>
<td>IPAddress of the consumer.</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>LoyaltyPoints</td>
<td>char</td>
<td>15</td>
<td>Loyalty points for the consumer.</td>
<td></td>
</tr>
</tbody>
</table>

### Extended ACH Consumer Disbursements Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
## Stored Profile Transactions

The following tables describe required and optional data elements that can be sent to the Merchant Partners gateway to complete a transaction.

### Profile Add Record

**Note on Required Fields:**
- Fields marked with "•" are only required for ALL profile types.
- Fields marked with "∆" are only required for CREDIT CARD profiles.
- Fields marked with "◊" are only required for EXT ACH profile types.
- Fields marked with "○" are only required for CHECK21 profile types.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required (See Notes Below)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;PROFILE_ADD&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>AccountType</td>
<td>numeric</td>
<td>1</td>
<td>•</td>
<td>Type of payment information that will be stored:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Credit Card</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 = ACH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 = Extended ACH or Check21</td>
</tr>
<tr>
<td>6</td>
<td>CCName</td>
<td>char</td>
<td>32</td>
<td>∆</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>7</td>
<td>CCNum</td>
<td>char</td>
<td>18</td>
<td>∆</td>
<td>Credit card number</td>
</tr>
<tr>
<td>8</td>
<td>CCExpMonth</td>
<td>numeric</td>
<td>2,0</td>
<td>∆</td>
<td>Credit card expiration month</td>
</tr>
<tr>
<td>9</td>
<td>CCExpYear</td>
<td>numeric</td>
<td>4,0</td>
<td>∆</td>
<td>Credit card expiration year</td>
</tr>
<tr>
<td>10</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td>◊</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>11</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td>◊</td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>12</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td>◊</td>
<td>Checking account number</td>
</tr>
<tr>
<td>13</td>
<td>CKAccountType</td>
<td>numeric</td>
<td>1</td>
<td>◊</td>
<td>For ACH and EXT ACH use the following:.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Checking (default if not provided)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 = Savings</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>For Check21 use the following:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>P = Personal (default if not provided)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Three character currency code, i.e. 'USD' for US$</td>
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<td><strong>Personal Checking</strong></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Personal Saving</strong></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Business Checking</strong></td>
<td></td>
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</tr>
<tr>
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<td><strong>Business Saving</strong></td>
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<td><strong>WEB</strong> = Internet Transaction</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>TEL</strong> = Telephone Initiated</td>
<td></td>
<td></td>
</tr>
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Page 50
<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
<th>Notes</th>
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<tbody>
<tr>
<td>44</td>
<td>CKNumber</td>
<td>Check Number (Required for ARC, BOC, POP, RCK, TEL Transaction Types)</td>
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<td>45</td>
<td>CIFirstName</td>
<td>First name on the account</td>
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<td>CILastName</td>
<td>Last name on the account</td>
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<td>47</td>
<td>CIBilStreet</td>
<td>Consumer's billing street name</td>
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<td>48</td>
<td>CIBillHouseNumber</td>
<td>Consumer's billing house number</td>
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<td>49</td>
<td>CurrencyExponent</td>
<td>Number of decimal places for the currency code</td>
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<td>50</td>
<td>MemoLine1</td>
<td>Memo line for Check Savers</td>
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<td>51</td>
<td>MemoLine2</td>
<td>Memo line for Check Savers</td>
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<td>52</td>
<td>MemoLine3</td>
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<td>53</td>
<td>RiskModifier</td>
<td>Extended risk check of the check routing number and account number can be modified by this field</td>
<td>If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
</tr>
<tr>
<td>54</td>
<td>AuthenticationModifier</td>
<td>Authentication of the payer name and address can be modified by this field</td>
<td>If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
</tr>
<tr>
<td>55</td>
<td>InsuranceModifier</td>
<td>Insurance that the amount will clear can be modified by this field</td>
<td>If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
</tr>
<tr>
<td>56</td>
<td>MerchantPin</td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
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## Profile Add Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
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<th>Size</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
<tr>
<td>4</td>
<td>User Profile ID</td>
<td>char</td>
<td>64</td>
<td>The unique ID assigned to this profile</td>
</tr>
</tbody>
</table>
### Profile Import Record

**Note on Required Fields:**
- Fields marked with "•" are only required for **ALL** profile types.
- Fields marked with "∆" are only required for **CREDIT CARD** profiles.
- Fields marked with "□" are only required for **ACH** profile types.
- Fields marked with "◊" are only required for **EXT ACH** profile types.
- Fields marked with "○" are only required for **CHECK21** profile types.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required (See Notes Below)</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>Transaction ID</td>
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<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
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<tr>
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<td>RecordType</td>
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<td>•</td>
<td>&quot;PROFILE_IMPORT&quot;</td>
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<td>3</td>
<td>ACCTID</td>
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<td>•</td>
<td>Your five-character merchant account identifier</td>
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<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
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<td>Your five-character merchant account sub identifier</td>
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<td>Type of payment information that will be stored: 1 = Credit Card 2 = ACH 4 = Extended ACH or Check21</td>
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<td>CCName</td>
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<td>∆</td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
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<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
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<td>Checking account routing number</td>
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<td>For ACH and EXT ACH use the following: 1 = Checking (default if not provided) 2 = Savings</td>
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<td>Three character currency code. i.e. 'USD' for US$</td>
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<td>◊ Personal Saving</td>
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<td>◊ Business Checking</td>
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<td>◊ WEB = Internet Transaction</td>
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<tr>
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<td>◊ TEL = Telephone Initiated</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>◊ PPD = Per arranged Payment (Consumer)</td>
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<tr>
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<td>◊ CCD = Business Account</td>
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<td>◊ ICL = Image Capture Letter</td>
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<td>◊ IC2 = Image Capture Letter 2</td>
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<tr>
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<td></td>
<td>◊ BOC = Back Office Conversion</td>
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<tr>
<td></td>
<td></td>
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<td>◊ POP = Point-of-Purchase</td>
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<td>Description</td>
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<td>char</td>
<td>15</td>
<td>Check Number (Required for ARC, BOC, POP, RCK, TEL Transaction Types)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIFirstName</td>
<td>char</td>
<td>32</td>
<td>First name on the account</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CILastName</td>
<td>char</td>
<td>32</td>
<td>Last name on the account</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIBillStreet</td>
<td>char</td>
<td>64</td>
<td>Consumer's billing street name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIBillHouseNumber</td>
<td>char</td>
<td>64</td>
<td>Consumer's billing house number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CurrencyExponent</td>
<td>numeric</td>
<td>1</td>
<td>Number of decimal places for the currency code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MemoLine1</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MemoLine2</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MemoLine3</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| RiskModifier| numeric       | 1      | Extended risk check of the check routing number and account number can be modified by this field  
|             |               |        | 0 - disables risk checks  
|             |               |        | 1 - forces risk checks.  
|             |               |        | If not specified, the contract default will be used, according to a threshold.  
|             |               |        | *This feature might not be available.                                      |
| AuthenticationModifier | numeric | 1      | Authentication of the payer name and address can be modified by this field  
|             |               |        | 0 - disables payer authentication checks  
|             |               |        | 1 - forces payer authentication checks.  
|             |               |        | If not specified, the contract default will be used, according to a threshold.  
|             |               |        | *This feature might not be available.                                      |
| InsuranceModifier | numeric | 1      | Insurance that the amount will clear can be modified by this field  
|             |               |        | 0 - disables insurance  
|             |               |        | 1 - forces insurance.  
|             |               |        | If not specified, the contract default will be used, according to a threshold.  
|             |               |        | *This feature might not be available.                                      |
| MerchantPin | char          | 32     | The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED. |
**Profile Import Record Receipt Format**

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
</tbody>
</table>
Profile Sale Record

Note on Required Fields: Fields marked with "•" are only required for ALL profile types.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required (See Notes Below)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;PROFILE_SALE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>UserProfileID</td>
<td>number</td>
<td></td>
<td>•</td>
<td>Profile ID returned in the profile add or import</td>
</tr>
<tr>
<td>6</td>
<td>Last4Digits</td>
<td>char</td>
<td>4</td>
<td>•</td>
<td>Last four digits of the account number stored in the profile</td>
</tr>
<tr>
<td>7</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount that is be refunded. This amount cannot be greater than the original transaction amount.</td>
</tr>
<tr>
<td>8</td>
<td>AuthOnly</td>
<td>numeric</td>
<td>1</td>
<td></td>
<td>Set this flag to &quot;1&quot; to run as an Authorization Only and the funds will be captured later. This only applies to Credit Card profiles.</td>
</tr>
<tr>
<td>9</td>
<td>VerificationFlag</td>
<td>numeric</td>
<td>1</td>
<td></td>
<td>Set this flag to &quot;1&quot; to run as Verification on the Extended ACH profile before the sale. If the Verification fails then the Sale will not be processed. This only applies to Extended ACH profiles.</td>
</tr>
<tr>
<td>10</td>
<td>CurrencyCode</td>
<td>char</td>
<td>3</td>
<td></td>
<td>Three character currency code. i.e. 'USD' for US$</td>
</tr>
<tr>
<td>11</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>15</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>16</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>17</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>

Profile Sale Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td></td>
<td>Field Name</td>
<td>Type</td>
<td>Length</td>
<td>Description</td>
</tr>
<tr>
<td>---</td>
<td>------------------</td>
<td>-------</td>
<td>--------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
<tr>
<td>3</td>
<td>User Profile ID</td>
<td>char</td>
<td>64</td>
<td>The unique ID assigned to this profile</td>
</tr>
</tbody>
</table>
## Profile Update Record

**Note on Required Fields:** Fields marked with "•" are only required for **ALL** profile types. Only fields that contain values will be updated.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required (See Notes Below)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>“PROFILE_UPDATE”</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>UserProfileID</td>
<td>number</td>
<td></td>
<td>•</td>
<td>Profile ID returned in the profile add or import</td>
</tr>
<tr>
<td>6</td>
<td>Last4Digits</td>
<td>char</td>
<td>4</td>
<td>•</td>
<td>Last four digits of the account number stored in the profile</td>
</tr>
<tr>
<td>7</td>
<td>NoBill</td>
<td>number</td>
<td></td>
<td></td>
<td>Flag to allow the profile to be updated without Authorizing the credit Card. This flag applies to Credit Cards Only</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Do Not Authorize the Credit Card for $1.00</td>
<td>0 = Authorize the Credit Card for $1.00 (DEFAULT)</td>
</tr>
<tr>
<td>8</td>
<td>AccountType</td>
<td>numeric</td>
<td>1</td>
<td>•</td>
<td>Type of payment information that will be stored:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Credit Card</td>
<td>2 = ACH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 = Extended ACH or Check21</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>CCName</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>10</td>
<td>CCNum</td>
<td>char</td>
<td>18</td>
<td></td>
<td>Credit card number</td>
</tr>
<tr>
<td>11</td>
<td>CCExpMonth</td>
<td>numeric</td>
<td>2,0</td>
<td></td>
<td>Credit card expiration month</td>
</tr>
<tr>
<td>12</td>
<td>CCExpYear</td>
<td>numeric</td>
<td>4,0</td>
<td></td>
<td>Credit card expiration year</td>
</tr>
<tr>
<td>13</td>
<td>CKName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Name on account (If not supplied, &quot;Default Name&quot; will be used)</td>
</tr>
<tr>
<td>14</td>
<td>CKABA</td>
<td>char</td>
<td>16</td>
<td></td>
<td>Checking account routing number</td>
</tr>
<tr>
<td>15</td>
<td>CKAccount</td>
<td>char</td>
<td>18</td>
<td></td>
<td>Checking account number</td>
</tr>
<tr>
<td>16</td>
<td>CKAccountType</td>
<td>numeric</td>
<td>1</td>
<td></td>
<td>For ACH and EXT ACH use the following:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Checking (default if not provided)</td>
<td>2 = Savings</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>For Check21 use the following:</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>CICompanyName</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s company name</td>
</tr>
<tr>
<td>18</td>
<td>CIBillAddress1</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s billing address line 1</td>
</tr>
<tr>
<td>19</td>
<td>CIBillAddress2</td>
<td>char</td>
<td>64</td>
<td></td>
<td>Consumer’s billing address line 2</td>
</tr>
<tr>
<td></td>
<td>Field Name</td>
<td>Type</td>
<td>Length</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------</td>
<td>--------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>CIBillAddress3</td>
<td>char</td>
<td>384</td>
<td>Consumer's billing address line 3</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>CIBillCity</td>
<td>char</td>
<td>32</td>
<td>Consumer's billing city</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>CIBillState</td>
<td>char</td>
<td>32</td>
<td>Consumer's billing state</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>CIBillZip</td>
<td>char</td>
<td>16</td>
<td>Consumer's billing zip code</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>CIBillCountry</td>
<td>char</td>
<td>32</td>
<td>Consumer's billing country</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>CIShipAddress1</td>
<td>char</td>
<td>64</td>
<td>Consumer's shipping address line 1</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>CIShipAddress2</td>
<td>char</td>
<td>64</td>
<td>Consumer's shipping address line 2</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>CIShipAddress3</td>
<td>char</td>
<td>384</td>
<td>Consumer's shipping address line 3</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>CIShipCity</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping city</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>CIShipState</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping state</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>CIShipZip</td>
<td>char</td>
<td>16</td>
<td>Consumer's shipping zip code</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>CIShipCountry</td>
<td>char</td>
<td>32</td>
<td>Consumer's shipping country</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>CIPhone</td>
<td>char</td>
<td>16</td>
<td>Consumer's phone number</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>CIEmail</td>
<td>char</td>
<td>64</td>
<td>Consumer's email address</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td>Merchant-supplied information</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>CISocialSecurityNo</td>
<td>char</td>
<td>32</td>
<td>Consumer's social security number</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>CIDriversLicenseNo</td>
<td>char</td>
<td>32</td>
<td>Consumer's driver's license number</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>DateOfBirth</td>
<td>char</td>
<td>64</td>
<td>Email address to email receipt to (instead of consumer)</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>CurrencyCode</td>
<td>char</td>
<td>3</td>
<td>Three character currency code, i.e. 'USD' for US$</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td>Custom field for information to be included with the transaction</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>AccountTypeDesc</td>
<td>char</td>
<td>17</td>
<td>ACH account type description. One of the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Personal Checking</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Personal Saving</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Business Checking</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Business Saving</strong></td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>ACHTransactionType</td>
<td>char</td>
<td>3</td>
<td>ACH SEC Code:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>WEB</strong> = Internet Transaction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>CKNumber</td>
<td>char</td>
<td>15</td>
<td>Check Number (Required for ARC, BOC, POP, RCK, TEL Transaction Types)</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>C1FirstName</td>
<td>char</td>
<td>32</td>
<td>First name on the account</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>C1LastName</td>
<td>char</td>
<td>32</td>
<td>Last name on the account</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>CIBillStreet</td>
<td>char</td>
<td>64</td>
<td>Consumer’s billing street name</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>CIBillHouseNumber</td>
<td>char</td>
<td>64</td>
<td>Consumer’s billing house number</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>CurrencyExponent</td>
<td>numeric</td>
<td>1</td>
<td>Number of decimal places for the currency code</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>MemoLine1</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>MemoLine2</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>MemoLine3</td>
<td>char</td>
<td>50</td>
<td>Memo line for Check Savers</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>RiskModifier</td>
<td>numeric</td>
<td>1</td>
<td>Extended risk check of the check routing number and account number can be modified by this field. 0 - disables risk checks 1 - forces risk checks. If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>AuthenticationModifier</td>
<td>numeric</td>
<td>1</td>
<td>Authentication of the payer name and address can be modified by this field. 0 - disables payer authentication checks 1 - forces payer authentication checks. If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>InsuranceModifier</td>
<td>numeric</td>
<td>1</td>
<td>Insurance that the amount will clear can be modified by this field. 0 - disables insurance 1 - forces insurance. If not specified, the contract default will be used, according to a threshold. *This feature might not be available.</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
<td></td>
</tr>
</tbody>
</table>
## Profile Update Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
<tr>
<td>3</td>
<td>User Profile ID</td>
<td>char</td>
<td>64</td>
<td>The unique ID assigned to this profile</td>
</tr>
</tbody>
</table>
Profile Credit Record

Note on Required Fields: Fields marked with "•" are only required for ALL profile types.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required (See Notes Below)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;PROFILE_CREDIT&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td></td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>UserProfileID</td>
<td>number</td>
<td></td>
<td>•</td>
<td>Profile ID returned in the profile add or import</td>
</tr>
<tr>
<td>6</td>
<td>Last4Digits</td>
<td>char</td>
<td>4</td>
<td>•</td>
<td>Last four digits of the account number stored in the profile</td>
</tr>
<tr>
<td>7</td>
<td>Amount</td>
<td>numeric</td>
<td>10,2</td>
<td>•</td>
<td>Amount that is be refunded. This amount cannot be greater than the original transaction amount.</td>
</tr>
<tr>
<td>8</td>
<td>AccountType</td>
<td>numeric</td>
<td>1</td>
<td>•</td>
<td>Type of payment information that will be stored: 1 = Credit Card 2 = ACH 4 = Extended ACH or Check21</td>
</tr>
<tr>
<td>9</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>10</td>
<td>CurrencyCode</td>
<td>char</td>
<td>3</td>
<td></td>
<td>Three character currency code. i.e. 'USD' for US$</td>
</tr>
<tr>
<td>11</td>
<td>Custom1</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>12</td>
<td>Custom2</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>13</td>
<td>Custom3</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>14</td>
<td>Custom4</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>15</td>
<td>Custom5</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>16</td>
<td>Custom6</td>
<td>char</td>
<td>32</td>
<td></td>
<td>Custom field for information to be included with the transaction</td>
</tr>
<tr>
<td>17</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center. When the merchantpin option has been enabled in the Online Merchant Center, transactions without a valid merchantpin will be declined with a decline response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>
## Profile Credit Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
<tr>
<td>3</td>
<td>User Profile ID</td>
<td>char</td>
<td>64</td>
<td>The unique ID assigned to this profile</td>
</tr>
</tbody>
</table>
## Profile Delete Record

**Note on Required Fields:** Fields marked with "•" are only required for **ALL** profile types.

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Required (See Notes Below)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>•</td>
<td>Merchant-supplied ID for this transaction</td>
</tr>
<tr>
<td>2</td>
<td>RecordType</td>
<td>char</td>
<td></td>
<td>•</td>
<td>&quot;PROFILE_DELETE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>ACCTID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>4</td>
<td>SubID</td>
<td>char</td>
<td>5</td>
<td>•</td>
<td>Your five-character merchant account sub identifier</td>
</tr>
<tr>
<td>5</td>
<td>UserProfileID</td>
<td>number</td>
<td></td>
<td>•</td>
<td>Profile ID returned in the profile add or import</td>
</tr>
<tr>
<td>6</td>
<td>Last4Digits</td>
<td>char</td>
<td>4</td>
<td>•</td>
<td>Last four digits of the account number stored in the profile</td>
</tr>
<tr>
<td>7</td>
<td>AccountType</td>
<td>numeric</td>
<td>1</td>
<td>•</td>
<td>Type of payment information that will be stored:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 = Credit Card</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 = ACH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 = Extended ACH or Check21</td>
</tr>
<tr>
<td>8</td>
<td>CIMemo</td>
<td>char</td>
<td>1024</td>
<td></td>
<td>Merchant-supplied information</td>
</tr>
<tr>
<td>9</td>
<td>MerchantPin</td>
<td>char</td>
<td>32</td>
<td></td>
<td>The 32 character Merchant PIN code generated from the Online Merchant Center.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>When the merchantpin option has been enabled in the Online Merchant Center,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>transactions without a valid merchantpin will be declined with a decline</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>response of DECLINED:1101150001:DECLINED.</td>
</tr>
</tbody>
</table>

## Profile Delete Record Receipt Format

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Transaction ID</td>
<td>char</td>
<td>32</td>
<td>Transaction ID supplied with input record</td>
</tr>
<tr>
<td>2</td>
<td>Result</td>
<td>char</td>
<td>64</td>
<td>ACCEPTED:authcode or DECLINED:reason</td>
</tr>
<tr>
<td>3</td>
<td>Order ID</td>
<td>char</td>
<td>64</td>
<td>The Order ID assigned to this transaction</td>
</tr>
<tr>
<td>3</td>
<td>User Profile ID</td>
<td>char</td>
<td>64</td>
<td>The unique ID assigned to this profile</td>
</tr>
</tbody>
</table>
**Consumer Receipts**

For batch transactions that result in a charge or credit to a consumer, the Online Commerce Suite automatically sends an e-mail receipt to the consumer if an e-mail address is available. Receipts are only generated for successful transactions, not for declined ones.

The consumer e-mail receipts use a standard template, but you can customize the receipt using the EMailText column of the record format and one of the following variables:

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>@CI_NAME@</td>
<td>The name of the consumer</td>
</tr>
<tr>
<td>@CI_EMAIL@</td>
<td>The E-Mail address of the consumer</td>
</tr>
<tr>
<td>@CI_PHONE@</td>
<td>The phone number of the consumer</td>
</tr>
<tr>
<td>@MEMO@</td>
<td>The memo field passed with the transaction</td>
</tr>
<tr>
<td>@CI_BILLADDR1@</td>
<td>The first line of the billing address of the consumer</td>
</tr>
<tr>
<td>@CI_BILLADDR2@</td>
<td>The second line of the billing address of the consumer</td>
</tr>
<tr>
<td>@CI_BILLCITY@</td>
<td>The billing city of the consumer</td>
</tr>
<tr>
<td>@CI_BILLSTATE@</td>
<td>The billing state of the consumer</td>
</tr>
<tr>
<td>@CI_BILLCOUNTRY@</td>
<td>The billing country of the consumer</td>
</tr>
<tr>
<td>@CI_BILLZIP@</td>
<td>The billing ZIP or postal code of the consumer</td>
</tr>
<tr>
<td>@CI_BILLCOUNTRY@</td>
<td>The billing country of the consumer</td>
</tr>
<tr>
<td>@CI_SHIPADDR1@</td>
<td>The first line of the shipping address of the consumer</td>
</tr>
<tr>
<td>@CI_SHIPADDR2@</td>
<td>The second line of the shipping address of the consumer</td>
</tr>
<tr>
<td>@CI_SHIPCITY@</td>
<td>The shipping city of the consumer</td>
</tr>
<tr>
<td>@CI_SHIPSTATE@</td>
<td>The shipping state of the consumer</td>
</tr>
<tr>
<td>@CI_SHIPZIP@</td>
<td>The shipping ZIP or postal code of the consumer</td>
</tr>
<tr>
<td>@CI_SHIPCOUNTRY@</td>
<td>The shipping country of the consumer</td>
</tr>
<tr>
<td>@CI_IPADDR@</td>
<td>The IP address of the consumer</td>
</tr>
<tr>
<td>@CI_IPCOUNTRY@</td>
<td>The country that the consumer IP address is allocated to</td>
</tr>
<tr>
<td>@ACCTID@</td>
<td>Your five-character merchant account identifier</td>
</tr>
<tr>
<td>@MERCHANTNAME@</td>
<td>Your merchant name as it appears in the Online Merchant Center</td>
</tr>
<tr>
<td>@TIME@</td>
<td>The date and time when the transaction was processed</td>
</tr>
<tr>
<td>@PAYTYPE@</td>
<td>The payment type (Visa / MasterCard / AMEX / Electronic Check)</td>
</tr>
<tr>
<td>@ACCTNUM@</td>
<td>A partially obscured account number showing only the last four digits</td>
</tr>
<tr>
<td>@AUTHNO@</td>
<td>The authorization code for the transaction</td>
</tr>
<tr>
<td>@ORDERID@</td>
<td>The order number that was generated for the transaction</td>
</tr>
<tr>
<td>@AMOUNT@</td>
<td>The transaction amount</td>
</tr>
</tbody>
</table>

To indicate a line break within the EMailText field, use a vertical bar ("|") or ANSI 124). For example, the following, when placed on a single line in the EMailText field:
might generate a receipt that looks like this:

From: Acme Cyber Store
To: John Doe
E-Mail: johndoe@email.com
Charged To: Visa ************6309
Amount Charged: $172.67

Batch Processing Receipts

To control the delivery of a receipt with the results of the batch processing, use the commands presented in this section. These receipts are sent to the merchant, not the consumer.

Each command must appear on a separate line, followed by a TAB character (ANSI 9), and the parameter(s) required by the command. Separate each parameter from the next with a TAB character. Command names are not case sensitive and they may appear at the top of the file, at the bottom, or anywhere in between. If a command appears more than once in the same file, the last instance of the command is used. All commands used to control receipts can appear in the same file, so you can receive both e-mail and FTP receipts for the same batch file.

Note: If a batch does not contain any valid records (see "Supported Record Types"), no receipt is generated.

Receipts via E-Mail

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Record Type</td>
<td>char</td>
<td>•</td>
<td>&quot;emailreceiptto&quot;</td>
</tr>
<tr>
<td>2</td>
<td>E-Mail Addresses</td>
<td>char</td>
<td>•</td>
<td>The receipt recipient(s), separated by commas, semi-colons, tabs, or spaces</td>
</tr>
</tbody>
</table>

To receive a receipt via e-mail, use the command EmailReceiptTo followed by one or more tab-separated E-Mail addresses. If you want to send a receipt to both John Doe and Mary Smith at MyCompany, you would use the following command:

EmailReceiptTo[TAB]jdoe@mycompany.com[TAB]smith@mycompany.com

Note: The [TAB] shown above is a single character (ANSI 9).

Receipts via FTP

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Record Type</td>
<td>char</td>
<td>•</td>
<td>&quot;ftpreceiptto&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Host Name</td>
<td>char</td>
<td>•</td>
<td>FTP host name or IP address</td>
</tr>
<tr>
<td>3</td>
<td>Login</td>
<td>char</td>
<td></td>
<td>Login Name; leave blank for anonymous FTP</td>
</tr>
<tr>
<td>4</td>
<td>Password</td>
<td>char</td>
<td></td>
<td>Password; leave blank for anonymous FTP</td>
</tr>
</tbody>
</table>
To receive a receipt via FTP, use the FTPReceiptTo command followed by the TAB-separated FTP host name or IP address, FTP login, and FTP password. You may also specify a directory name and a file name under which to upload the receipt. Without a directory name, the default directory for the FTP login assigned by your FTP server is used. If you do not specify a file name, the name of the batch file that was processed, but with a .RCP extension, is used.

To upload a receipt file to the FTP server FTP.MYCOMPANY.COM using the login REPORTS and password SECRET, use the following command:

```
FTPReceiptTo [TAB] FTP.MYCOMPANY.COM [TAB] REPORTS [TAB] SECRET
```

To upload the receipt file as CREDITCARDS.TXT into the /RECEIPTS directory, append the following to the command above:

```
[TAB] /RECEIPTS [TAB] CREDITCARDS.TXT
```

**Note:** The [TAB] shown above is a single character (ANSI 9).

### Receipt Encryption

<table>
<thead>
<tr>
<th>Column</th>
<th>Field Name</th>
<th>Data Type</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Record Type</td>
<td>char</td>
<td>•</td>
<td>&quot;PGPKey&quot;</td>
</tr>
<tr>
<td>2</td>
<td>PGP Key Name</td>
<td>char</td>
<td>•</td>
<td>The Key Name or Key ID of the PGP key to be used to encrypt the receipt file.</td>
</tr>
</tbody>
</table>

To ensure the receipts cannot be read by anyone who might intercept the data transmission, you can request that the receipt be encrypted using the public half of a PGP key pair (i.e. the portion you give to someone who will be sending you data, which you can then decrypt using the private half of the PGP key you keep to yourself).

If you have the private half of a PGP key and the associated pass phrase, and you have provided us with the public half of that key pair, you can encrypt the receipt using the PGPKey command. To encrypt the receipt using the key Receipts <receipts@mycompany.com>, use the following command:

```
PGPKey [TAB] Receipts < receipts@mycompany.com>
```

**Note:** You must provide us with the public half of your PGP key pair prior to attempting to use the key for encryption so we can add the key to our PGP key ring. Failure to do so will result in an encryption failure. Please contact Customer Service if you have a PGP key you wish to have added.
Security

The ftp.atsbank.com site employs the SSH File Transfer Protocol (SFTP) protocol. This protocol is much more secure than standard FTP, because all transmissions to and from the server are encrypted.

Email transmissions are inherently not secure, so you must assume that customer data transmitted from your server to the Online Commerce Suite server could be subject to interception and inspection by third parties. See “Secure Batch Processing Using PGP” below for information about using PGP data encryption to protect the contents of your batch files.

Secure Batch Processing Using PGP

To ensure that customer data is protected in the event that a file is intercepted during the data transfer, submit files that have been encrypted using PGP (Pretty Good Privacy), a registered trademark of Network Associates, Inc. PGP is a widely accepted and trusted method of data encryption that utilizes public key encryption technology.

Public key encryption uses two complimentary keys, one public and one private, to implement secure communications. The public key can be distributed freely to other users for encrypting files and cannot be used for decryption. The private key is kept by the user who is receiving the files, and must be used in conjunction with a pass phrase to decrypt all files that have been secured with the public key.

In order to encrypt a file prior to transferring it, you must first install PGP on your computer, and add the public half of the MerchantPartners.com key to your key ring.

To add this key, paste the following block of text into Notepad or another program capable of saving an unformatted text file:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGP 6.5.2
mQGiBDh8xk+4RBRADC04qVv1KF5L6o8uNT0pEpnArD70xoyMfRGGuAgjPSjIDrGR8Rp0vnuwvyXGer3BSBd/gh13u3tgS88EpiskTr4gn9riI1BVq2pYN1O1AixaKdHjqwnhzS96hn6hntqR70wzh+20DABHk6h5vSvqALAWA4NTR16Ccq/xIE uOfAPKMI+SgQgsa26rIv+CUD/OuwkciLmSbo6nt+hL/kkPo1E1200JchBZKnK02 XVii59ek7Q2Qh6Wmly200xR5pp4VetYqQENJh+jPPUv7F5j7licEhMx9DRTKEJq6 Per01vmcBpL3nebIi1iJqz1VTw4xodv8ku09mLYTjy/GhQRtsTGAL pB5RA/9a/g36HA+BUXXFOnSkvNvLWBMpSurdoOsangMQW7FiJL+LuTfzaQ/E QKC54uhA9S0WmgxR3B9r41490Tf7hEzqgKEykIys+MporNQKP0g3zL67GIO P/1NOBvV3t12s06Q9+P3jJK3ATVgPBxfm28PEI/QSOxyfQ3SIqUEdqIFRyYW5z YWN0a9u9cy8GcdwJObh6nbNNY3Rpb25QG11cmNoYW50cnVzdsC5j2b20+1QBOBB4 ArAOBQ14fMS+BAADaecsCGQACQgKQ0pVTJ6PfbKxtQcG/q/nDohTzX6rLDOvRgFh DemuCyYan3QoIoiX7ZP4Leozovt+s+yEm0uQINBDh8xL8QCAD2Q1e3CH8IF3Ki utapQVMF6PITET1ptFVuus4INo8p1ajfQoMPQFXz0Afgy0OpIlK33TGG5SgfMg711 6RFUodNQ+pVZ9x2uk89y3bznvH5Jz2f4rrPfx2x1PRIzfBhznzJzv8V+sv9 kv7HAaTrW56kNoVYV3qA9LGAfgr5fS1/VhOSdVNilS57EHNNmsebDqNNRP0FIFiiz HHxbLY7288kjkEfpwVasYj6Y7Yy4X7TJTNPI8fDdOx0Ybn4zISy1KV84bEpbQBgR jXyEpwyEloBenaX1iB6ypUMZ2af9AKUJaCrtMIPWskXUGfHy91un1ISa6g6Je w1xPmg7sAA1CB/43qBH1+Q05uDgdcutYy9KCRqXHK8v0M1w59dtF42sakAmw7 q9c46t90rZn/Tx/X80keaagyCV6FDRFh2aQ4qCstSV1I2FFyWQRY5GkIdwUuA5cP eM4lX0UCF0RnrqgWWW2Q6w6O4EUpzi1P29PpmZKZeYb4a5JFsn3Epdki8s1tJOW E4bIoWw6SnJLsMbbWQp1a7UnX5G64coLmdy5Q/GWcr747VTSr9RPTa1qe4 NbwbLVxVid1ахMEj;jYyQ7JrJdcNdphSU0zwhkNC0N0PZeJTHU2U+12da9V6y/y 92JS1n6YH5VjIS3AVAVoEoDRzjmnNT286fQOBGBBrAqABQQ4fMS/AooJENkV UYehT25BjnWnAn3+10x8ndecWLD86uU+whTJEKRuIA9Ktjd109hBMy19KAQtp76Z hMKHSa=--
=UnR
-----END PGP PUBLIC KEY BLOCK-----
```

Note: Do not alter or format the text above in any way, and be sure to include the top and bottom lines starting with hyphens in the file.
Save the file to disk using a .ASC file extension, and then use the Import item on the Keys menu of the PGPKeys application to load the file you just saved. This adds the key to your key ring. After the key has been added successfully, you can use it to encrypt files prior to uploading it to the SFTP server. Use the PGP command-line utility in DOS, Windows, or UNIX, or the PGPTools program in Windows or on the Macintosh. To encrypt a file named transactions.txt using the PGP command-line utility, issue the command:

```
PGP –e transactions.txt "PGP Transactions <pgptransactions@merchantrust.com>"
```

This will use the public half of the key to produce a file named transactions.txt.pgp, which cannot be decrypted without possessing both the private portion of the key and the pass phrase associated with that key.

To encrypt a file using the PGPTools program, click Encrypt and select the file to be encrypted. After selecting the file, drag the item "PGP Transactions <pgptransactions@merchantrust.com>" to the Recipients window and click the OK button.

You are now prompted for an output file name; make sure that the output file name extension ends in .PGP or the Batch Processor will not recognize the file as being PGP-encrypted. After the encrypted file is produced, you can submit it like any other batch file, but you can be assured that if intercepted, the contents cannot be read.

**OpenSource version of PGP encryption Utility:**

Download from: www.gnupg.org

Once installed, you’ll need to import the public key (asc file above). You only need to do this step once. Open the Windows Command Prompt and go into the gpg.exe installation directory. (ie, C:\Program Files\GNU\GnuPG).

```
gpg.exe --import merchantrust.asc
```

If the import is successful, it will display something like:

```
gpg: key A14F6E41: public key "PGP Transactions pgptransactions@merchantrust.com>" imported

gpg: Total number processed: 1

gpg: imported: 1
```

You can use the following command to Encrypt the file:

```
gpg.exe -e -r "PGP Transactions pgptransactions@merchantrust.com>" batchfile_to_encrypt.txt
```

```
## Appendix A: Transaction Response Specification

### Credit Card Approval Response Format

The transaction approval authorization response message consists of a string of eight fields delimited by the colon (":"), character. Here is an example of the format of the complete approval message:


The following table describes each of the fields returned in the approval response message.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
</table>
| Transaction Type     | Type of transaction submitted                    | SALE  
AVSSALE  
AUTH  
AVSAUTH  
POST  
AVSPOST  
VOICEPOST  
VOID  
CREDIT  
QUASICASH         |
| Authorization Code   | The six digit authorization or approval code provided by the authorizing network | Varies                 |
| Reference Number     | Additional reference information provided by the authorizing network | Varies                 |
| Batch Number         | Batch settlement number in which this transaction is included | Number                 |
| Transaction ID       | Unique number assigned by the Online Commerce Suite to this transaction. | Number                 |
| AVS Result Code      | Result code generated by the Address Verification System. | See Appendix B: AVS response codes |
| Auth Net Specific    | Miscellaneous auth net message                   |                        |
| CVV2/CVC2 Result Code| One character result code generated by the CVV2/CVC2 system | See Appendix C: CVV2/CVC2 Response Codes |
Credit Card Decline Response Format

The transaction decline authorization response message consists of the string "DECLINED" followed by two fields delimited by the colon ("::") character. Here is an example of the format of the complete approval message:

DECLINED:1234567890:TEXT RESPONSE

The following table describes each of the fields returned in the approval response message.

Transaction Decline Authorization Response Format

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction</td>
<td>Result of the transaction</td>
<td>DECLINED</td>
</tr>
<tr>
<td>Result</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decline Code</td>
<td>10 digit decline code.</td>
<td></td>
</tr>
<tr>
<td>Text Response</td>
<td>Text message indicating the reason for the decline.</td>
<td>Varies</td>
</tr>
</tbody>
</table>

First Digit:
- 0  Authorizing network declined the transaction.
- 1  Gateway declined the transaction.
- 2  Authorizing network returned an error, forcing a decline.
- 3  Gateway returned an error, forcing a decline.

Digits 2-10: Internal decline number.
# Appendix B: AVS Response Codes

The following table defines AVS response codes returned from the Address Verification System.

<table>
<thead>
<tr>
<th>Response Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Street addresses matches, but the ZIP code does not. The first five numerical characters contained in the address match. However, the ZIP code does not match.</td>
</tr>
<tr>
<td>E</td>
<td>Ineligible transaction. The card issuing institution is not supporting AVS on the card in question.</td>
</tr>
<tr>
<td>N</td>
<td>Neither address nor ZIP matches. The first five numerical characters contained in the address do not match, and the ZIP code does not match.</td>
</tr>
<tr>
<td>R</td>
<td>Retry (system unavailable or timed out).</td>
</tr>
<tr>
<td>S</td>
<td>Card type not supported. The card type for this transaction is not supported by AVS. AVS can verify addresses for Visa cards, MasterCard, proprietary cards, and private label transactions.</td>
</tr>
<tr>
<td>U</td>
<td>Address information unavailable. The address information was not available at the issuer.</td>
</tr>
<tr>
<td>W</td>
<td>9 digit ZIP code match, address does not. The nine digit ZIP code matches that stored at the issuer. However, the first five numerical characters contained in the address do not match.</td>
</tr>
<tr>
<td>X</td>
<td>Exact match (9 digit zip and address) Both the nine digit postal ZIP code as well as the first five numerical characters contained in the address match.</td>
</tr>
<tr>
<td>Y</td>
<td>Address and 5 digit zip match. Both the five digit postal ZIP code as well as the first five numerical characters contained in the address match.</td>
</tr>
<tr>
<td>Z</td>
<td>5 digit ZIP matches, but the address does not. The five digit postal ZIP code matches that stored at the VIC or card issuer’s center. However, the first five numerical characters contained in the address do not match.</td>
</tr>
</tbody>
</table>

**FOREIGN CODES**

<table>
<thead>
<tr>
<th>Response Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Street address matches for international transaction. Postal Code not verified due to incompatible formats.</td>
</tr>
<tr>
<td>C</td>
<td>Street address and Postal Code not verified for international transaction due to incompatible format.</td>
</tr>
<tr>
<td>D</td>
<td>Street address and Postal Code match for international transaction.</td>
</tr>
<tr>
<td>P</td>
<td>Postal Code match for international transaction. Street address not verified due to incompatible formats.</td>
</tr>
</tbody>
</table>
# Appendix C: CVV2/CVC2 Response Codes

The following table defines CVV2/CVC2 response codes returned from the credit card authorizing network.

<table>
<thead>
<tr>
<th>Response Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space</td>
<td>CVV2 processing not requested</td>
</tr>
<tr>
<td>M</td>
<td>CVV2/CVC2 Match</td>
</tr>
<tr>
<td>N</td>
<td>CVV2/CVC2 not matched</td>
</tr>
<tr>
<td>P</td>
<td>Not processed</td>
</tr>
<tr>
<td>S</td>
<td>CVV2 should be printed on the card, but it was indicated that the value was not present</td>
</tr>
<tr>
<td>U</td>
<td>Issuer does not support CVV2</td>
</tr>
<tr>
<td>X</td>
<td>Service provider did not respond</td>
</tr>
</tbody>
</table>
Appendix D: Country and Currency Code

You must first verify that your credit card merchant account processor and the gateway support the currency code submitted prior to attempting any transactions other than those in "U.S." dollars.

The following table defines the country, currency code, and the requirement of decimals in amount fields. "NONE" indicates that the decimal is not required when setting the amount.

<table>
<thead>
<tr>
<th>Country</th>
<th>Currency Code</th>
<th>Decimal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>ARS</td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Christmas Island</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Cocos (Keeling) Islands</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Heard and McDonald Islands</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Kiribati</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Nauru</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Norfolk Island</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Tuvalu</td>
<td>AUD</td>
<td></td>
</tr>
<tr>
<td>Aruba</td>
<td>AWG</td>
<td></td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>AZN</td>
<td></td>
</tr>
<tr>
<td>Bulgaria</td>
<td>BGN</td>
<td></td>
</tr>
<tr>
<td>Bermuda</td>
<td>BMD</td>
<td></td>
</tr>
<tr>
<td>Singapore</td>
<td>BND</td>
<td></td>
</tr>
<tr>
<td>Bolivia</td>
<td>BOB</td>
<td></td>
</tr>
<tr>
<td>Bolivia</td>
<td>BOV</td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>BRL</td>
<td></td>
</tr>
<tr>
<td>Bahamas</td>
<td>BSD</td>
<td></td>
</tr>
<tr>
<td>Bhutan</td>
<td>BTN</td>
<td></td>
</tr>
<tr>
<td>Botswana</td>
<td>BWP</td>
<td></td>
</tr>
<tr>
<td>Belarus</td>
<td>BYR</td>
<td>NONE</td>
</tr>
<tr>
<td>Democratic Republic of Congo</td>
<td>CDF</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>CHF</td>
<td></td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>CHF</td>
<td></td>
</tr>
<tr>
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<td>CLP</td>
<td>NONE</td>
</tr>
<tr>
<td>China</td>
<td>CNY</td>
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</tr>
<tr>
<td>Colombia</td>
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<tr>
<td>Colombia</td>
<td>COU</td>
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<tr>
<td>Costa Rica</td>
<td>CRC</td>
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<tr>
<td>Cuba</td>
<td>CUP</td>
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<tr>
<td>Country</td>
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<td>Decimal</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>Cape Verde</td>
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<td></td>
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<tr>
<td>Czech Republic</td>
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</tr>
<tr>
<td>Djibouti</td>
<td>DJF</td>
<td>NONE</td>
</tr>
<tr>
<td>Denmark</td>
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<tr>
<td>Greenland</td>
<td>DKK</td>
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<tr>
<td>Andorra</td>
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<tr>
<td>Kosovo</td>
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</tr>
<tr>
<td>Monaco</td>
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</tr>
<tr>
<td>Montenegro</td>
<td>EUR</td>
<td></td>
</tr>
<tr>
<td>San Marino</td>
<td>EUR</td>
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</tr>
<tr>
<td>Vatican</td>
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<tr>
<td>Belgium</td>
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<td>Cyprus</td>
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<tr>
<td>Finland</td>
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</tr>
<tr>
<td>France</td>
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<tr>
<td>Germany</td>
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<td>Isle of Man</td>
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<td>KZT</td>
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<td>NIO</td>
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<td>RON</td>
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</tr>
<tr>
<td>Serbia</td>
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<tr>
<td>Country</td>
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<tr>
<td>----------------------------------------------</td>
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<td>---------</td>
</tr>
<tr>
<td>Russia</td>
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