



PathwayLINK Reporting Services API Guide

PathwayLINK Reporting Services API Guide

Version 1.0

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Table of Contents

Chapter 1. Introduction	4
1.1. Integration Options.....	4
1.2. Testing.....	4
Chapter 2. Web Service Functionality	5
2.1. GetCardTrx	5
2.1.1. Example.....	11
2.1.1.1. CSV-Style Output.....	11
2.2. GetCardTrxSummary.....	12
2.2.1. Example.....	16
2.2.1.1. Visa Transactions	16
2.3. GetCheckTrx.....	17
2.3.1. Example.....	22
2.3.1.1. Verify Check Transactions.....	22
2.4. GetOpenBatchSummary	24
2.4.1. Example.....	25
2.4.1.1. Entire Open Batch	25
Chapter 3. Response Values	28
3.1. Transact.asmx Response Fields.....	28

Chapter 1. Introduction

1.1. Integration Options

This document assists Point-of-Sale (POS) developers in integrating directly with BridgePay's PathwayLINK Payment Gateway using the following integration methods:

- .NET Web services
- HTTPS POST
- HTTPS GET
- SOAP

1.2. Testing

A test or live merchant account with BridgePay is necessary to successfully process transactions. To acquire a test account, contact the BridgePay Developer Support Department at developersupport@bridgepaynetwork.com or fill out the test account request form at <http://www.bridgepaynetwork.com/testAccount.php>.

Chapter 2. Web Service Functionality

For development and staging purposes, BridgePay provides integrators with an .asmx page that contains online documentation and a testing form for each operation.

During integration, it may be helpful to process sample transactions using the test forms to get a feel for how the various operations work or to troubleshoot integration problems.

During development and staging, use the following URL:


<https://gatewaystage.itstgate.com/admin/ws/trxdetail.asmx>

Once certified, process all live transactions against the following URL:

<https://gateway.itstgate.com/admin/ws/trxdetail.asmx>

PathwayLINK supports the following reporting service operations:

- **GetCardTrx** – Retrieves card transaction details for a merchant.
- **GetCardTrxSummary** – Retrieves card transaction summary for a merchant.
- **GetCheckTrx** – Retrieves check transaction details for a merchant.
- **GetOpenBatchSummary** – Retrieves payment type transaction summary of the current open batch for a merchant.

 Reporting services integrate with PathwayLINK's transaction processing. Please refer to the **PathwayLINK Transaction Processing Developer API Guide** for more information on using the transaction processing Web service operations.

2.1. GetCardTrx



This Web service operation retrieves detailed information for one or more card transactions. The URL to access this operation is:

<https://gateway.itstgate.com/admin/ws/trxdetail.asmx?op=GetCardTrx>

The following table contains parameter descriptions.

Parameter	Description
UserName	Required. Username assigned in the payment server.
Password	Required. Password for the username assigned in the payment server.
RPNum	Required. The RP number that uniquely identifies a merchant's account for the query.

Parameter	Description
PNRef	<p>Optional. The unique payment reference number assigned to the transaction.</p> <p>⚡ The system ignores all other fields in the query if you provide this field.</p>
BeginDt	<p>Required for requests not containing the PNRef. Narrows query to transactions processed from this date and onward. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, BeginDt defaults to midnight of the given date so the query returns all transactions from that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
EndDt	<p>Required for requests not containing the PNRef. Narrows query to transactions processed up until this date. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, EndDt defaults to midnight of the next day to avoid excluding any transactions occurring on that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-20T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.

Parameter	Description
PaymentType	<p data-bbox="586 247 1403 317">Optional. Narrows query results to only the transactions that involve the given payment type. Valid values are:</p> <ul data-bbox="605 331 1411 989" style="list-style-type: none"> <li data-bbox="605 331 1114 363">• 'AMEX': Selects American Express cards. <li data-bbox="605 380 1159 411">• 'CARTBLANCH': Selects Carte Blanche cards. <li data-bbox="605 428 964 459">• 'DEBIT': Selects Debit cards. <li data-bbox="605 476 1053 508">• 'DINERS': Selects Diners Club cards. <li data-bbox="605 525 1135 556">• 'DISCOVER': Selects Novus Discover cards. <li data-bbox="605 573 1190 604">• 'EBT': Selects Electronic Benefit Transfer cards. <li data-bbox="605 621 1122 653">• 'JAL': Selects JAL/Japanese Airlines cards. <li data-bbox="605 669 1192 701">• 'JCB': Selects Japanese Commercial Bank cards. <li data-bbox="605 718 1138 749">• 'MASTERCARD': Selects MasterCard cards. <li data-bbox="605 766 935 798">• 'VISA': Selects Visa cards. <li data-bbox="605 814 922 846">• 'EGC': Selects Gift cards. <li data-bbox="605 863 1411 932">• 'PAYRECEIPT': Retrieves receipt images uploaded to the payment server. <li data-bbox="605 949 1230 980">• 'SETTLE': Retrieves requests to settle transactions. <p data-bbox="683 1010 1357 1079">  You may select two or more of the above values (e.g., 'DEBIT','EBT') to filter for multiple PaymentTypes. </p>
ExcludePaymentType	<p data-bbox="586 1119 1370 1150">Optional. Excludes transactions matching the given payment type.</p> <p data-bbox="683 1180 1403 1249">  You may select two or more values (e.g., 'DEBIT','EBT') to exclude multiple PaymentTypes. </p>

Parameter	Description
TransType	<p>Optional. Narrows query results to only the transactions that involve the given TransType. Valid values are:</p> <ul style="list-style-type: none"> • 'Authorization': Retrieves previously authorized (PreAuth) transactions. • 'Capture': Retrieves Capture transactions. • 'Credit': Retrieves Return transactions. • 'ForceCapture': Retrieves Force (ForceAuth) transactions. • 'PostAuth': Retrieves Force (PostAuth) transactions. • 'Receipt': Retrieves receipt images that were uploaded to the payment server. • 'RepeatSale': Retrieves RepeatSale transactions. • 'Sale': Retrieves Sale transactions. • 'Void': Retrieves Void transactions. <p> ⓘ You may select two or more of the above values (e.g., 'Credit','Sale') to filter for multiple TransTypes.</p>
ExcludeTransType	<p>Optional. Excludes transactions matching the given TransType.</p> <p> ⓘ You may select two or more values (e.g., 'Credit','Sale') to exclude multiple TransTypes.</p>
ApprovalCode	<p>Optional. Narrows query results to only the transactions that involve the given ApprovalCode.</p>
Result	<p>Optional. Narrows query results to only the transactions that involve the given Result. Please refer to the PathwayLINK Transaction Processing API Guide for a description of possible Result Codes.</p> <p> ⓘ You may select two or more Result Codes (e.g., '3','4') to filter for multiple Results.</p> <p> ⓘ To search for all approved transactions, pass 0 in this parameter. If you want to search for all declined transactions, leave this field empty, and pass 0 in the ExcludeResult parameter.</p>

Parameter	Description
ExcludeResult	<p>Optional. Excludes transactions matching the given Result.</p> <ul style="list-style-type: none"> ① You may select two or more Result Codes (e.g., '3','4') to exclude multiple Results. ① If you want to search for all declined transactions, leave the Result field empty, and pass 0 in this parameter.
NameOnCard	<p>Optional. Narrows query to the cardholder's name as it appears on the card.</p> <ul style="list-style-type: none"> ① This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.
CardNum	<p>Optional. Narrows query to transactions with an exact match to the given card number.</p>
CardType	<p>Optional. Narrows query results to only the transactions that involve the given card type. Valid values are:</p> <ul style="list-style-type: none"> • 'AMEX': Selects American Express cards. • 'CARTBLANCH': Selects Carte Blanche cards. • 'DEBIT': Selects Debit cards. • 'DINERS': Selects Diners Club cards. • 'DISCOVER': Selects Novus Discover cards. • 'EBT': Selects Electronic Benefit Transfer cards. • 'JAL': Selects JAL/Japanese Airlines cards. • 'JCB': Selects Japanese Commercial Bank cards. • 'MASTERCARD': Selects MasterCard cards. • 'VISA': Selects Visa cards. • 'EGC': Selects Gift cards. <ul style="list-style-type: none"> ① You may select two or more of the above values (e.g., 'AMEX','VISA') to filter for multiple CardTypes. ① For cases where a transaction's CardType is ALL (e.g., if you used ALL to indicate that you wanted to settle all card types in a settlement transaction), set CardType=ALL.
ExcludeCardType	<p>Optional. Excludes transactions matching the given CardType.</p> <ul style="list-style-type: none"> ① You may select two or more values (e.g., 'AMEX','VISA') to exclude multiple CardTypes.

Parameter	Description
ExcludeVoid	Required for requests not containing the PNRef. Narrows query to exclude voided transactions. Valid values are: TRUE , FALSE .
User	Optional. Narrows query to the user originating the transactions. <div style="border-left: 1px solid #ccc; padding-left: 10px; margin-left: 20px;"> <p>i This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.</p> </div>
InvoiceID	Optional. Narrows query to the invoice ID of the original transaction. <div style="border-left: 1px solid #ccc; padding-left: 10px; margin-left: 20px;"> <p>i This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.</p> </div>
SettleFlag	Optional. Narrows query results to settled or unsettled transactions. Valid values are: <ul style="list-style-type: none"> • 1: Returns settled transactions. • 0: Returns unsettled transactions.
SettleMsg	Optional. Narrows query to the settlement ID or message returned from host.
SettleDt	Optional. Narrows query to the date of the settlement. Valid input formats are: mm/dd/yyyy , mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm). If you do not pass a time with the date, SettleDt defaults to midnight of the given date so results include all transactions occurring on that day. PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time). For example: <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
TransformType	Optional. The format in which to transform the data. If left blank, this field defaults to XML. Valid values are: <ul style="list-style-type: none"> • XML: Outputs data into a plain XML string. • XSL: Formats the data using the Xsl parameter. • DELIM: Formats the data using the ColDelim and RowDelim parameters.

Parameter	Description
Xsl	Required for XSL TransformType. Transforms the resulting dataset using the given XSL. You may pass a URL to an XSL file or the XSL string itself. <div style="border-left: 1px solid #ccc; padding-left: 10px; margin-left: 20px;"> <p>i For an example of a tab-delimited XSL file, please see https://gateway.itstgate.com/admin/ws/TabDelim.xsl.</p> </div>
ColDelim	Required for DELIM TransformType. Defines a string value to separate each column in the returned data.
RowDelim	Required for DELIM TransformType. Defines a string to separate each row in the returned data.
IncludeHeader	Required for DELIM TransformType. Enables/disables including field headers as the first row of the returned data using the same specified delimiter strings. Valid values are: TRUE , FALSE .
ExtData	Optional unless otherwise noted below. Extended data in XML format. Valid values are: <ul style="list-style-type: none"> • <IMAGE_TYPE>ALL_INCLUDE_DATA</IMAGE_TYPE> Include this element to return receipt data with the results. • <CustomerID>CustomerID</CustomerID> Customer ID. • <Amount>Amount</Amount> Transaction amount in DDDD.CC format. • <RegisterNum>RegisterNum</RegisterNum> Register number passed in the original transaction.

2.1.1. Example

The following example shows the function of this Web service operation. Change the credentials and RPNuM when running test transactions.

2.1.1.1. CSV-Style Output

The following example processes a **GetCardTrx** request to create a list of sale transactions processed 01/30/2013–01/31/2013. The format of the data output displays descriptive headers and appears similar to a Comma Separate Values (CSV) format as it uses the comma character in the column delimiter string.

Parameter	Description
UserName	test
Password	123
RPNuM	1
BeginDt	01/30/2013

Parameter	Description
EndDt	01/31/2013
TransType	'Sale'
ExcludeVoid	TRUE
TransformType	DELIM
ColDelim	,
RowDelim	
IncludeHeader	TRUE

Response

```
<string xmlns=" https://gateway.itstgate.com/admin/ws">
  TRX_HD_Key,Invoice_ID,Seq_Num_CH,Date_DT,Merchant_Key,User_Name_VC,Register_Number_CH,
  Reseller_Key,Payment_Type_ID,Trans_Type_ID,Processor_ID,TRX_Settle_Key,TRX_Settle_Msg_
  VC,Void_Flag_CH,Settle_Flag_CH,Ref_Number_CH,Settle_Date_DT,Last_Update_DT,TRX_Card_Ke
  y,Card_Info_Key,Auth_Amt_MN,Tip_Amt_MN,Total_Amt_MN,Cash_Back_Amt_MN,SureCharge_Amt_MN
  ,Account_Type_CH,Result_CH,Result_Txt_VC,Approval_Code_CH,Host_Ref_Num_CH,AVS_Resp_CH,
  AVS_Resp_Txt_VC,CV_Resp_CH,CV_Resp_Txt_VC,Host_Date_CH,Host_Time_CH,Acct_Num_CH,Exp_CH
  ,Type_CH,Name_on_Card_VC,Street_CH,Zip_CH,Manual,TRX_Receipt_key,Create_Date_DT,Receip
  t_Type_ID,IP_VC,CustomerID,Orig_TRX_HD_Key,CustRef,Transaction_ID,Transport_Method,Tran
  sport_EndPoint,Batch_Number,Batch_Seq_Num,IsCleaned,TRX_Receipt_Cnt,Auth_Date_DT,Batc
  hID_VC,Reversal_Flag_CH,ClerkID_VC,Contract_ID,Contract_Key|467216,, ,1/31/2013 5:57:34
  PM,2729,JFirstDataNorth ,,187,VISA ,Sale ,FDCNorth ,462985,270278010104,0,1,,2/1/2013
  12:05:15 AM,2/1/2013 12:04:53 AM,461709,463150,65.0000,0.0000,65.0000,0.0000,0.0000,
  VISA ,0 ,APPROVAL,OK633C,467216, , ,013113 ,055759 ,*****0026,0813 ,VISA
  ,TGATE/TESTCARD , , ,False,0,, ,192.168.39.199, , , ,0,, ,0,1/31/2013 5:57:34 PM,
  13020100051584,0,, ,|467215,, ,1/31/2013 5:57:25 PM,2729,JFirstDataNorth ,,187,VISA
  ,Sale ,FDCNorth ,462984,,0,0,, ,1/31/2013 5:57:27 PM,461708,463149,2.0000,0.0000,
  2.0000,0.0000,0.0000,VISA ,12 ,DECLINE,REFERRAL ,467215,R, , , ,*****0026,0813
  ,VISA ,TGATE/TESTCARD , , ,False,1,, ,192.168.39.199, , , ,0,, ,0,1/31/2013 5:57:25
  PM,,0,, ,|467214,, ,1/31/2013 5:51:52 PM,2729,JFirstDataNorth ,,187,DISCOVER ,Sale
  ,FDCNorth ,462983,270278010104,0,1,,2/1/2013 12:05:15 AM,2/1/2013 12:04:53 AM,461707,
  463148,2.0000,0.0000,2.0000,0.0000,0.0000,DISCOVER ,0 ,APPROVAL,OK6302,467214, , , ,
  013113 ,055217 ,*****0067,1215 ,DISCOVER ,TGATE/TESTCARD , , ,False,2,, ,
  192.168.39.199, , , ,0,, ,0,1/31/2013 5:51:52 PM,13020100051584,0,, ,|467195,, ,1/31/2013
  4:15:21 PM,2729,JFirstDataNorth ,,187,MASTERCARD,Sale ,FDCNorth ,462965,270278010104,
  0,1,,2/1/2013 12:05:15 AM,2/1/2013 12:04:53 AM,461689,463130,1.0000,0.0000,1.0000,
  0.0000,0.0000,MASTERCARD,0 ,APPROVAL,OK4330,467195, , , ,013113 ,041546
  ,*****0014,1225 ,MASTERCARD,MC TEST CARD , , ,False,3,, ,192.168.39.199, , , ,0,
  ,0,1/31/2013 4:15:21 PM,13020100051584,0,, ,|467064,-1,, ,1/30/2013 5:49:59
  PM,2729,JFirstDataNorth ,,187,VISA ,Sale ,FDCNorth ,462839,270278310104,0,1,,1/31/2013
  12:05:05 AM,1/31/2013 12:04:39 AM,461563,463004,109.0000,0.0000,109.0000,0.0000,
  0.0000,VISA ,0 ,APPROVAL,OK8780,467064,Z, , ,013013 ,055028 ,*****0019,1116 ,
  VISA ,Scott deBeaubien ,,90266 ,True,4,, ,71.119.99.73, , , ,0,, ,0,1/30/2013 5:49:59
  PM,13013100050567,0,, ,
</string>
```

2.2. GetCardTrxSummary


This Web service operation summarizes the number of transactions matching the query by payment type. The URL to access this operation is:

<https://gateway.itstgate.com/admin/ws/trxdetail.asmx?op=GetCardTrxSummary>

The following table contains parameter descriptions.

Parameter	Description
UserName	Required. Username assigned in the payment server.
Password	Required. Password for the username assigned in the payment server.
RPNum	Required. The RP number that uniquely identifies a merchant's account for the query.
BeginDt	<p>Required for requests not containing the PNRef. Narrows query to transactions processed from this date and onward. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, BeginDt defaults to midnight of the given date so the query returns all transactions from that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
EndDt	<p>Required for requests not containing the PNRef. Narrows query to transactions processed up until this date. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, EndDt defaults to midnight of the next day to avoid excluding any transactions occurring on that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-20T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
ApprovalCode	Optional. Narrows query results to only the transactions that involve the given ApprovalCode.
Register	The number of the register from which the transaction originated.

Parameter	Description
NameOnCard	<p>Optional. Narrows query to the cardholder's name as it appears on the card.</p> <p>i This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.</p>
CardNum	<p>Optional. Narrows query to transactions with an exact match to the given card number.</p>
CardType	<p>Optional. Narrows query results to only the transactions that involve the given card type: Valid values are:</p> <ul style="list-style-type: none"> • 'AMEX': Selects American Express cards. • 'CARTBLANCH': Selects Carte Blanche cards. • 'DEBIT': Selects Debit cards. • 'DINERS': Selects Diners Club cards. • 'DISCOVER': Selects Novus Discover cards. • 'EBT': Selects Electronic Benefit Transfer cards. • 'JAL': Selects JAL/Japanese Airlines cards. • 'JCB': Selects Japanese Commercial Bank cards. • 'MASTERCARD': Selects MasterCard cards. • 'VISA': Selects Visa cards. • 'EGC': Selects Gift cards. <p>i You may select two or more of the above values (e.g., 'AMEX','VISA') to filter for multiple card types.</p>
ExcludeVoid	<p>Required for requests not containing the PNRef. Narrows query to exclude voided transactions. Valid values are: TRUE, FALSE.</p>
SettleFlag	<p>Optional. Narrows query results to settled or unsettled transactions. Valid values are:</p> <ul style="list-style-type: none"> • 1: Returns settled transactions. • 0: Returns unsettled transactions.
SettleMsg	<p>Optional. Narrows query to the settlement ID or message returned from host.</p>

Parameter	Description
SettleDt	<p>Optional. Narrows query to the date of the settlement. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, SettleDt defaults to midnight of the given date so results include all transactions occurring on that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
TransformType	<p>Optional. The format in which to transform the data. If left blank, this field defaults to XML. Valid values are:</p> <ul style="list-style-type: none"> • XML: Outputs data into a plain XML string. • XSL: Formats the data using the Xsl parameter. • DELIM: Formats the data using the ColDelim and RowDelim parameters.
Xsl	<p>Required for XSL TransformType. Transforms the resulting dataset using the given XSL. You may pass a URL to an XSL file or the XSL string itself.</p> <p> For an example of a tab-delimited XSL file, please see https://gateway.itstgate.com/admin/ws/TabDelim.xsl.</p>
ColDelim	<p>Required for DELIM TransformType. Defines a string value to separate each column in the returned data.</p>
RowDelim	<p>Required for DELIM TransformType. Defines a string to separate each row in the returned data.</p>
IncludeHeader	<p>Required for DELIM TransformType. Enables/disables including field headers as the first row of the returned data using the same specified delimiter strings. Valid values are: TRUE, FALSE.</p>
ExtData	<p>Optional unless otherwise noted below. Extended data in XML format. Valid values are:</p> <ul style="list-style-type: none"> • <IMAGE_TYPE>ALL_INCLUDE_DATA</IMAGE_TYPE> Include this element to return receipt data with the results.

2.2.1. Example

The following example shows the function of this Web service operation. Change the credentials and RPNNum when running test transactions.

2.2.1.1. Visa Transactions

The following example processes a **GetCardTrxSummary** request to create a summarized list of Visa card transactions processed between 01/01/2000 and 01/02/2000. Because the **TransformType** parameter isn't specified, the output data defaults to XML format.

Parameter	Description
UserName	Test
Password	123
RPNNum	1
BeginDt	01/01/2000
EndDt	01/02/2000
CardType	VISA
ExcludeVoid	FALSE

Response

```
<?xml version="1.0" encoding="utf-8" ?>
<string xmlns="https://gateway.itstgate.com/Admin/ws">
  <CardTrxSummary>
    <PaymentMethod>
      <Payment_Type_ID>VISA </Payment_Type_ID>
      <Authorization>1.0000</Authorization>
      <Capture>0</Capture>
      <ForceCapture>0</ForceCapture>
      <PostAuth>0</PostAuth>
      <Return>0</Return>
      <Sale>2.0000</Sale>
      <Receipt>0</Receipt>
      <RepeatSale>0</RepeatSale>
      <Activate>0</Activate>
      <Deactivate>0</Deactivate>
      <Reload>0</Reload>
      <Authorization_Cnt>1</Authorization_Cnt>
      <Capture_Cnt>0</Capture_Cnt>
      <ForceCapture_Cnt>0</ForceCapture_Cnt>
      <PostAuth_Cnt>0</PostAuth_Cnt>
      <Return_Cnt>0</Return_Cnt>
      <Sale_Cnt>2</Sale_Cnt>
      <Receipt_Cnt>0</Receipt_Cnt>
      <RepeatSale_Cnt>0</RepeatSale_Cnt>
      <Activate_Cnt>0</Activate_Cnt>
      <Deactivate_Cnt>0</Deactivate_Cnt>
      <Reload_Cnt>0</Reload_Cnt>
    </PaymentMethod>
  </CardTrxSummary>
</string>
```



```

    <Cnt>3</Cnt>
  </PaymentMethod>
</CardTrxSummary>
</string>


```

2.3. GetCheckTrx

This Web service operation retrieves detailed information for one or more check transactions. The URL to access this operation is:

<https://gateway.itstgate.com/admin/ws/trxdetail.aspx?op=GetCheckTrx>


The following table contains parameter descriptions.

Parameter	Description
UserName	Required. Username assigned in the payment server.
Password	Required. Password for the username assigned in the payment server.
RPNum	Required. The RP number that uniquely identifies a merchant's account for the query.
PNRef	Optional. The unique payment reference number assigned to the transaction. <div style="border-left: 1px solid black; padding-left: 10px; margin-left: 20px;">  The system ignores all other fields in the query if you provide this field. </div>
BeginDt	Required for requests not containing the PNRef. Narrows query to transactions processed from this date and onward. Valid input formats are: mm/dd/yyyy , mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm). If you do not pass a time with the date, BeginDt defaults to midnight of the given date so the query returns all transactions from that day. PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time). For example: <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.

Parameter	Description
EndDt	<p>Required for requests not containing the PNRef. Narrows query to transactions processed up until this date. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, EndDt defaults to midnight of the next day to avoid excluding any transactions occurring on that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-20T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
PaymentType	<p>Optional. Narrows query results to only the transactions that involve the given payment type. Valid values are:</p> <ul style="list-style-type: none"> • 'ACH': Retrieves Automated Clearing House processing. • 'ECHECK': Retrieves electronic check processing. • 'GUARANTEE': Retrieves guarantee check processing. • 'PAYRECEIPT': Retrieves receipt images uploaded to the payment server. • 'SETTLE': Retrieves requests to settle transactions. • 'VERIFY': Retrieves pre-authorized check processing. <p> ⓘ You may select two or more of the above values (e.g., 'ECHECK','ACH') to filter for multiple PaymentTypes.</p>
ExcludePaymentType	<p>Optional. Excludes transactions matching the given payment type.</p> <p> ⓘ You may select two or more values (e.g., 'ECHECK','ACH') to exclude multiple PaymentTypes.</p>

Parameter	Description
TransType	<p>Optional. Narrows query results to only the transactions that involve the given TransType. Valid values are:</p> <ul style="list-style-type: none"> • 'Authorization': Retrieves previously authorized (PreAuth) transactions. • 'Capture': Retrieves Capture transactions. • 'Credit': Retrieves Return transactions. • 'ForceCapture': Retrieves Force (ForceAuth) transactions. • 'PostAuth': Retrieves Force (PostAuth) transactions. • 'Receipt': Retrieves receipt images that were uploaded to the payment server. • 'RepeatSale': Retrieves RepeatSale transactions. • 'Sale': Retrieves Sale transactions. • 'Void': Retrieves Void transactions. <p> ⓘ You may select one or more of the above values (e.g., 'Credit','Sale') to filter for multiple TransTypes.</p>
ExcludeTransType	<p>Optional. Excludes transactions matching the given TransType.</p> <p> ⓘ You may select one or more values (e.g., 'Credit','Sale') to exclude multiple TransTypes.</p>
ApprovalCode	<p>Optional. Narrows query results to only the transactions that involve the given ApprovalCode.</p>
Result	<p>Optional. Narrows query results to only the transactions that involve the given Result. Please refer to the PathwayLINK Transaction Processing API Guide for a description of possible Result Codes.</p> <p> ⓘ You may select two or more Result Codes (e.g., '3','4') to filter for multiple Results.</p> <p> ⓘ To search for all approved transactions, pass 0 in this parameter. If you want to search for all declined transactions, leave this field empty, and pass 0 in the ExcludeResult parameter.</p>

Parameter	Description
ExcludeResult	<p>Optional. Excludes transactions matching the given Result.</p> <ul style="list-style-type: none"> ❗ You may select two or more Result Codes (e.g., '3','4') to exclude multiple Results. ❗ If you want to search for all declined transactions, leave the Result field empty, and pass 0 in this parameter.
NameOnCheck	<p>Optional. Narrows query to the customer's name as it appears on the check.</p> <ul style="list-style-type: none"> ❗ This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.
CheckNum	Optional. Narrows query results by check number.
AcctNum	Optional. Narrows query results by check account number.
RouteNum	Optional. Narrows query results by routing number.
ExcludeVoid	Required for requests not containing the PNRef. Narrows query to exclude voided transactions. Valid values are: TRUE , FALSE .
User	<p>Optional. Narrows query to the user originating the transactions.</p> <ul style="list-style-type: none"> ❗ This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.
InvoiceID	<p>Optional. Narrows query to the invoice ID of the original transaction.</p> <ul style="list-style-type: none"> ❗ This parameter matches with wild cards. For example, a value of test matches test, 1test and 1test234.
SettleFlag	<p>Optional. Narrows query results to settled or unsettled transactions. Valid values are:</p> <ul style="list-style-type: none"> • 1: Returns settled transactions. • 0: Returns unsettled transactions.
SettleMsg	Optional. Narrows query to the settlement ID or message returned from host.

Parameter	Description
SettleDt	<p>Optional. Narrows query to the date of the settlement. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, SettleDt defaults to midnight of the given date so results include all transactions occurring on that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
TransformType	<p>Optional. The format in which to transform the data. If left blank, this field defaults to XML. Valid values are:</p> <ul style="list-style-type: none"> • XML: Outputs data into a plain XML string. • XSL: Formats the data using the Xsl parameter. • DELIM: Formats the data using the ColDelim and RowDelim parameters.
Xsl	<p>Required for XSL TransformType. Transforms the resulting dataset using the given XSL. You may pass a URL to an XSL file or the XSL string itself.</p> <p>  For an example of a tab-delimited XSL file, please see: https://gateway.itstgate.com/admin/ws/TabDelim.xsl </p>
ColDelim	<p>Required for DELIM TransformType. Defines a string value to separate each column in the returned data.</p>
RowDelim	<p>Required for DELIM TransformType. Defines a string to separate each row in the returned data.</p>
IncludeHeader	<p>Required for DELIM TransformType. Enables/disables including field headers as the first row of the returned data using the same specified delimiter strings. Valid values are: TRUE, FALSE.</p>

Parameter	Description
ExtData	<p>Optional unless otherwise noted below. Extended data in XML format. Valid values are:</p> <ul style="list-style-type: none"> • <IMAGE_TYPE>ALL_INCLUDE_DATA</IMAGE_TYPE> Include this element to return receipt data with the results. • <CustomerID>CustomerID</CustomerID> Customer ID. • <Amount>Amount</Amount> Transaction amount in DDDD.CC format. • <RegisterNum>RegisterNum</RegisterNum> Register number passed in the original transaction.

2.3.1. Example

The following example shows the function of this Web service operation. Change the credentials and RPNum when running test transactions.

2.3.1.1. Verify Check Transactions

The following example processes a **GetCheckTrx** request to create a list of approved (**Result** value of **0**) transactions that underwent **Verify** check processing between 10/11/2012 and 12/31/2012. Because the **TransformType** parameter isn't specified, the output data defaults to XML format.

Parameter	Description
UserName	Test
Password	123
RPNum	1
BeginDt	10/11/2012
EndDt	12/31/2012
PaymentType	'VERIFY'
Result	0

Response

```
<?xml version="1.0" encoding="utf-8" ?>
<string xmlns="http://www.namespaceuri.com/Admin/ws">
  <RichDBDS>
    <TrxDetailCheck>
      <TRX_HD_Key>347933</TRX_HD_Key>
      <Date_DT>2012-10-24T19:00:14.133-05:00</Date_DT>
      <Merchant_Key>2729</Merchant_Key>
      <User_Name_VC>JFirstDataNorth </User_Name_VC>
      <Reseller_Key>187</Reseller_Key>
    </TrxDetailCheck>
  </RichDBDS>
</string>
```

```

<Payment_Type_ID>VERIFY </Payment_Type_ID>
<Trans_Type_ID>ForceCapture </Trans_Type_ID>
<Processor_ID>TeleCheck </Processor_ID>
<TRX_Settle_Key>343952</TRX_Settle_Key>
<Void_Flag_CH>0</Void_Flag_CH>
<Settle_Flag_CH>0</Settle_Flag_CH>
<Last_Update_DT>2012-10-24T19:00:15.03-05:00</Last_Update_DT>
<TRX_Check_Key>3497</TRX_Check_Key>
<CheckNum_CH>1001 </CheckNum_CH>
<AccountNum_VC>*****7890</AccountNum_VC>
<TransitNum_VC>123456780</TransitNum_VC>
<NameOnCheck_VC>Jermaine Hill</NameOnCheck_VC>
<Amount_MN>31.0000</Amount_MN>
<Result_CH>0 </Result_CH>
<Result_Txt_VC />
<Result_Msg_VC>07 - OK</Result_Msg_VC>
<Result_Msg1_VC />
<Result_Msg2_VC />
<TRX_Receipt_key>0</TRX_Receipt_key>
<IP_VC>192.168.19.192</IP_VC>
<Orig_TRX_HD_Key>347932</Orig_TRX_HD_Key>
<Account_Type_Key>CHECKING</Account_Type_Key>
<Check_Type_Key>PERSONAL</Check_Type_Key>
<Transaction_ID>1351123212253</Transaction_ID>
<TRX_Receipt_Cnt>0</TRX_Receipt_Cnt>
<Auth_Date_DT>2012-10-24T19:00:14.133-05:00</Auth_Date_DT>
<Reversal_Flag_CH>0</Reversal_Flag_CH>
<TRX_Settle_Key1>343952</TRX_Settle_Key1>
<TRX_HD_Key1>347933</TRX_HD_Key1>
<XMLStream_TX>4x3NLMG6beM=</XMLStream_TX>
<Last_Update_DT1>2012-10-24T19:00:15.03-05:00</Last_Update_DT1>
<rowguid>5b6cfbb9-cd57-4cc6-a11f-2905586349dc</rowguid>
</TrxDetailCheck>
<TrxDetailCheck>
  <TRX_HD_Key>347932</TRX_HD_Key>
  <Date_DT>2012-10-24T19:00:05.85-05:00</Date_DT>
  <Merchant_Key>2729</Merchant_Key>
  <User_Name_VC>JFirstDataNorth </User_Name_VC>
  <Reseller_Key>187</Reseller_Key>
  <Payment_Type_ID>VERIFY </Payment_Type_ID>
  <Trans_Type_ID>Authorization </Trans_Type_ID>
  <Processor_ID>TeleCheck </Processor_ID>
  <TRX_Settle_Key>343951</TRX_Settle_Key>
  <Void_Flag_CH>0</Void_Flag_CH>
  <Settle_Flag_CH>0</Settle_Flag_CH>
  <Last_Update_DT>2012-10-24T19:00:06.523-05:00</Last_Update_DT>
  <TRX_Check_Key>3496</TRX_Check_Key>
  <CheckNum_CH>1001 </CheckNum_CH>
  <AccountNum_VC>*****7890</AccountNum_VC>
  <TransitNum_VC>123456780</TransitNum_VC>
  <NameOnCheck_VC>Jermaine Hill</NameOnCheck_VC>
  <Amount_MN>31.0000</Amount_MN>
  <Result_CH>0 </Result_CH>
  <Result_Txt_VC>0000</Result_Txt_VC>
  <Host_Approval_CH>0000</Host_Approval_CH>
  <Host_Ref_Num_CH>0000000020121024190004</Host_Ref_Num_CH>

```

```

<Result_Msg_VC>07 - APPROVED 0000</Result_Msg_VC>
<Result_Msg1_VC />
<Result_Msg2_VC />
<TRX_Receipt_key>1</TRX_Receipt_key>
<IP_VC>192.168.19.192</IP_VC>
<Account_Type_Key>CHECKING</Account_Type_Key>
<Check_Type_Key>PERSONAL</Check_Type_Key>
<Transaction_ID>1351123190371</Transaction_ID>
<TRX_Receipt_Cnt>1</TRX_Receipt_Cnt>
<Auth_Date_DT>2012-10-24T19:00:05.85-05:00</Auth_Date_DT>
<Reversal_Flag_CH>0</Reversal_Flag_CH>
<TRX_Settle_Key1>343951</TRX_Settle_Key1>
<TRX_HD_Key1>347932</TRX_HD_Key1>
<XMLStream_TX>4bNMfS/Km5Tgj3rqXBrbVSyLAFkTG+8vnH5VXmXWp1JUvJ0F0Y8+YRfvIAAnIA+Tp
fEqZtNH2XHSevGgUtYsjk4stZPwW10X4zBoD1B3xNF4JqMeHCqMSIhCquryUDYZeZRFDt7swv8q39i
LV5xH3VIaU01X9w+XIK7aDB578W2TgmE4w6smZv/TL6Vo+zvtNiEBX20HTMRazbq1pHVm/7A==</XM
LStream_TX>
<Last_Update_DT1>2012-10-24T19:00:06.523-05:00</Last_Update_DT1>
<rowguid>912ab2a3-9d99-466a-9cf7-2e6ed567f5df</rowguid>
</TrxDetailCheck>
</RichDBDS>
</string>

```

2.4. GetOpenBatchSummary

This Web service operation summarizes the number of open batch transactions matching the query by payment type. The URL to access this operation is:

<https://gateway.itstgate.com/admin/ws/trxdetail.asmx?op=GetOpenBatchSummary>

The following table contains parameter descriptions.

Parameter	Description
UserName	Required. Username assigned in the payment server.
Password	Required. Password for the username assigned in the payment server.
RPNum	Required. The RP number that uniquely identifies a merchant's account for the query.

Parameter	Description
BeginDt	<p>Optional. Narrows query to transactions processed from this date and onward. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, BeginDt defaults to midnight of the given date so the query returns all transactions from that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-19T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
EndDt	<p>Optional. Narrows query to transactions processed up until this date. Valid input formats are: mm/dd/yyyy, mm/dd/yyyy hh:mm:ss (24-hour time format), mm/dd/yyyy hh:mm:ss tt (12-hour time format, tt = am or pm).</p> <p>If you do not pass a time with the date, EndDt defaults to midnight of the next day to avoid excluding any transactions occurring on that day.</p> <p>PathwayLINK converts the date to yyyy-mm-ddThh:mm:ss format (24-hour time).</p> <p>For example:</p> <ul style="list-style-type: none"> • 08/19/2016 becomes 2016-08-20T00:00:00. • 08/19/2016 08:00:00 pm becomes 2016-08-19T20:00:00. • 08/19/2016 20:00:00 becomes 2016-08-19T20:00:00.
ExtData	Not currently supported.

2.4.1. Example

The following example shows the function of this Web service operation. Change the credentials and RPNNum when running test transactions.

2.4.1.1. Entire Open Batch

The following example processes a **GetOpenBatchSummary** request and creates a categorized summary list of all transactions in the open batch. Because the request does not specify a beginning and ending date, all results are from the **entire** open batch.

Parameter	Description
UserName	Test

Parameter	Description
Password	123
RPNum	1

Response

```
<?xml version="1.0" encoding="utf-8" ?>
<string xmlns="https://gateway.itstgate.com/Admin/ws">
  <OpenBatchSummary>
    <Table>
      <Payment_Type_ID>DEBIT </Payment_Type_ID>
      <Authorization>0</Authorization>
      <Capture>0</Capture>
      <ForceCapture>0</ForceCapture>
      <PostAuth>0</PostAuth>
      <Return>7.0000</Return>
      <Sale>61.0000</Sale>
      <Receipt>0</Receipt>
      <RepeatSale>0</RepeatSale>
      <Authorization_Cnt>0</Authorization_Cnt>
      <Capture_Cnt>0</Capture_Cnt>
      <ForceCapture_Cnt>0</ForceCapture_Cnt>
      <PostAuth_Cnt>0</PostAuth_Cnt>
      <Return_Cnt>7</Return_Cnt>
      <Sale_Cnt>58</Sale_Cnt>
      <Receipt_Cnt>0</Receipt_Cnt>
      <RepeatSale_Cnt>0</RepeatSale_Cnt>
      <Cnt>65</Cnt>
    </Table>
    <Table>
      <Payment_Type_ID>EBT </Payment_Type_ID>
      <Authorization>0</Authorization>
      <Capture>0</Capture>
      <ForceCapture>0</ForceCapture>
      <PostAuth>0</PostAuth>
      <Return>132.0000</Return>
      <Sale>150.0000</Sale>
      <Receipt>0</Receipt>
      <RepeatSale>0</RepeatSale>
      <Authorization_Cnt>0</Authorization_Cnt>
      <Capture_Cnt>0</Capture_Cnt>
      <ForceCapture_Cnt>0</ForceCapture_Cnt>
      <PostAuth_Cnt>0</PostAuth_Cnt>
      <Return_Cnt>15</Return_Cnt>
      <Sale_Cnt>24</Sale_Cnt>
      <Receipt_Cnt>0</Receipt_Cnt>
      <RepeatSale_Cnt>0</RepeatSale_Cnt>
      <Cnt>39</Cnt>
    </Table>
    <Table>
      <Payment_Type_ID>MASTERCARD</Payment_Type_ID>
      <Authorization>0</Authorization>
      <Capture>0</Capture>
```

```





    <ForceCapture>0</ForceCapture>
    <PostAuth>0</PostAuth>
    <Return>0</Return>
    <Sale>4.0000</Sale>
    <Receipt>0</Receipt>
    <RepeatSale>7.0000</RepeatSale>
    <Authorization_Cnt>0</Authorization_Cnt>
    <Capture_Cnt>0</Capture_Cnt>
    <ForceCapture_Cnt>0</ForceCapture_Cnt>
    <PostAuth_Cnt>0</PostAuth_Cnt>
    <Return_Cnt>0</Return_Cnt>
    <Sale_Cnt>4</Sale_Cnt>
    <Receipt_Cnt>0</Receipt_Cnt>
    <RepeatSale_Cnt>7</RepeatSale_Cnt>
    <Cnt>11</Cnt>
  </Table>
  <Table>
    <Payment_Type_ID>VISA </Payment_Type_ID>
    <Authorization>0</Authorization>
    <Capture>0</Capture>
    <ForceCapture>1.0000</ForceCapture>
    <PostAuth>1.0000</PostAuth>
    <Return>0</Return>
    <Sale>19.0000</Sale>
    <Receipt>0</Receipt>
    <RepeatSale>0</RepeatSale>
    <Authorization_Cnt>0</Authorization_Cnt>
    <Capture_Cnt>0</Capture_Cnt>
    <ForceCapture_Cnt>1</ForceCapture_Cnt>
    <PostAuth_Cnt>1</PostAuth_Cnt>
    <Return_Cnt>0</Return_Cnt>
    <Sale_Cnt>19</Sale_Cnt>
    <Receipt_Cnt>0</Receipt_Cnt>
    <RepeatSale_Cnt>0</RepeatSale_Cnt>
    <Cnt>21</Cnt>
  </Table>
</OpenBatchSummary>
</string>

```

Chapter 3. Response Values

3.1. Transact.asmx Response Fields

The following table contains descriptions of the fields returned in the responses from PathwayLINK.

Response Field	Description
Account_Type_CH	The card type of the transaction (e.g., Visa, Diners, EBT).
AccountNum_VC	The check account number.  If the user's System Security Level is set to 1 , all but the last 4 digits of the account number are masked with asterisks (*).
Acct_Num_CH	The credit card number.  If the user's System Security Level is set to 1 , all but the last 4 digits of the account number are masked with asterisks (*).
Amount_MN	The total amount of the check.
Approval_Code_CH	The response code from the payment processor.
Auth_Amt_MN	The amount authorized for a card transaction.
Authorization	The dollar amount of all Authorization (PreAuth) transactions.
Authorization_Cnt	The transaction count of all Authorization (PreAuth) transactions.
AVS_Resp_CH	The address verification result code from the payment processor.
AVS_Resp_Txt_VC	A formatted response message describing the results of the address verification.
Batch_Number	The batch number of the transaction. Returned by the payment processor.  Not all payment processors support returning this data element.
Capture	The dollar amount of all Capture transactions.  This value is always 0 .

Response Field	Description
Capture_Cnt	The transaction count of all Capture transactions. i This value is always 0 .
Card_Info_Key	The primary key of the CC_Info_T table in the database.
Cash_Back_Amt_MN	The cash back amount for a debit or EBT transaction.
CheckNum_CH	The check number.
Cnt	The count of all transactions.
CustomerID	The ID of the customer in the transaction.
CV_Resp_CH	The card verification result code from the payment processor.
CV_Resp_Txt_VC	A formatted response message describing the results of the card verification.
Date_DT	The transaction date.
ERROR	Returns an error message when a problem occurs during the transaction processing.
Exp_CH	The credit card expiration date.
ForceCapture	The dollar amount of all ForceCapture (ForceAuth) transactions.
ForceCapture_Cnt	The transaction count of all ForceCapture (ForceAuth) transactions.
Host_Date_CH	The date of the transaction according to the payment processor.
Host_Ref_Num_CH	The number that uniquely identifies the transaction for the payment processor.
Host_Time_CH	The time of the transaction according to the payment processor.
Invoice_ID	The invoice number of the transaction.
IP_VC	The IP address of the client machine processing the transaction.
Last_Update_DT	The date and time the transaction was last modified.
Manual	Indicates if the card input came from swipe.
Merchant_Key	A number that uniquely identifies a merchant.
Name_on_Card_VC	Cardholder's name.
NameOnCheck_VC	The customer's name as it appears on check.
Orig_TRX_HD_Key	The TRX_HD_Key on which the current transaction is based.
Payment_Type_ID	Payment type (e.g., ECHECK).
PostAuth	The dollar amount of all PostAuth transactions.
PostAuth_Cnt	The transaction count of all PostAuth transactions.

Response Field	Description
Processor_ID	The name the payment processor (e.g., Vital).
Receipt	The dollar amount of all transactions with a receipt. ⓘ This value is always 0 .
Receipt_Cnt	The count of all transactions with a receipt. ⓘ This value is always 0 .
Ref_Number_CH	Not currently supported.
Register_Number_CH	Register number of the transaction.
RepeatSale	The dollar amount of all RepeatSale (recurring billing/installment) transactions.
RepeatSale_Cnt	The count of all RepeatSale (recurring billing/installment) transactions.
Reseller_Key	The primary key of the Reseller_T table in the database.
Result_CH	The transaction processing result (e.g., 0 for approval).
Result_Msg_VC	The check transaction's processing result.
Result_Msg1_VC	Additional formatted response message giving more information about the processed transaction.
Result_Msg2_VC	Additional formatted response message giving more information about the processed transaction.
Result_Txt_VC	Indicates if transaction processing resulted in an approval or a decline.
Return	The dollar amount of all Return (Credit) transactions.
Return_Cnt	The count of all Return (Credit) transactions.
Sale	The dollar amount of all Sale transactions.
Sale_Cnt	The count of all Sale transactions.
Settle_Date_DT	The date of the transaction settlement.
Settle_Flag_CH	Indicates if transaction is settled.
StateCode_CH	The state code.
Street_CH	The credit card's billing street address.
SureCharge_Amt_MN	The surcharge amount of a transaction.
Tip_Amt_MN	The tip amount of a transaction.
Trans_Type_ID	The transaction type (e.g., Sale, Credit).

Response Field	Description
Transport_Method	The transportation method. <ul style="list-style-type: none"> ⚡ Only for use with dial-up transactions.
Transport_EndPoint	The transportation's ending destination. <ul style="list-style-type: none"> ⚡ Only for use with dial-up transactions.
TransitNum_VC	The transit/routing number. <ul style="list-style-type: none"> ℹ If the user's System Security Level is set to 1, all but the last 4 digits of the account number are masked with asterisks (*).
TRX_Card_Key	The primary key of the TRX_Card_T table in the database.
TRX_Check_Key	The primary key of the TRX_Check_T table in the database.
TRX_HD_Key	The primary key of the TRX_Header_T table in the database. This is the unique payment reference number (PNRef) assigned to the transaction. Use this value when submitting follow-on transactions based on a previous transaction (e.g., Voids) through the Transact.asmx Web service.
TRX_Settle_Key	The primary key of the TRX_Settle_T table in the database.
TRX_Settle_Msg_VC	The transaction's settlement message.
Type_CH	The credit card type (e.g., Visa, MasterCard).
User_Name_VC	The username that sent the transaction request.
Void_Flag_CH	Indicates if transaction is void.
Zip_CH	The credit card's billing ZIP code.