

# Business Center Reporting

## Developer Guide

October 2017



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# Recent Revisions to This Document

<b>Release</b>	<b>Changes</b>
October 2017	Added information about filtering reports by application type. Added information for Payment Product Code field.
September 2017	Added information about auto-subscribed reports.
July 2017	Updated list of users who can use reporting features.
June 2017	Added card-present fields for the Transaction Request Report.
May 2017	This revision contains only editorial changes and no technical updates.
March 2017	Initial release of document.

# About This Guide

## Audience and Scope

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This guide is written for users of the new Custom Reports and Analytics features. It explains how to use them and describes the differences between Classic Business Center reports and the new Custom Reports feature. The guide also helps users transition from the current to the new reporting platform.

## Conventions

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## Note and Important Statements



### Note

A *Note* contains helpful suggestions or references to material not contained in the document.

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### Important

An *Important* statement contains information essential to successfully completing a task or learning a concept.

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## Text and Command Conventions

Convention	Usage
<b>bold</b>	<ul style="list-style-type: none"><li>Field and service names in text; for example: Include the <b>ics_applications</b> field.</li><li>Items that you are instructed to act upon; for example: Click <b>Save</b>.</li></ul>
monospace	<ul style="list-style-type: none"><li>XML elements.</li><li>Code examples and samples.</li><li>Text that you enter in an API environment; for example: Set the <b>davService_run</b> field to <code>true</code>.</li></ul>

## Customer Support

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# Analytics

The Analytics feature allows you to generate details for the following types of data:

- Gateway data:
  - Authorizations
  - Captures
- Reconciliation data (for acquiring merchants only):
  - Processor settlements
  - Chargebacks
  - Funding
  - Net Expected Funding

Analytics data extends from midnight to midnight Coordinated Universal Time (UTC) within a selected date range, and is available for download in XML, CSV, or JSON format. As of March 2017, users can analyze at least 11 months of data.



Analytics data is available only for the previous day and earlier. Same-day data is not available at this time.

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Merchants and account-level users (SSO) can use the Analytics feature. Merchants can access data related to their particular merchant ID (MID). Account-level users (SSO) can access data related to one or all of their MIDs. Account-level users can also create groups and then access data by group.

Users with View Reports permissions can use the Analytics feature.



# Authorizations

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The Authorizations panel shows authorizations in a given period. An authorization, provided by the customer's card-issuing bank, confirms the cardholder's ability to pay. This data is available to all users with the appropriate permissions.

The Authorizations panel includes the following type of service:

- ics\_auth

## Frequently Asked Questions

### **Does the Authorizations panel include authorization reversals?**

No, it does not include authorization reversals.

### **Does the Authorizations panel include zero dollar or one dollar authorizations?**

Yes, the authorizations panel currently includes zero and one dollar authorizations.

### **Can I see my raw (203, 204) authorization decline codes in the Authorizations panel?**

No, this information is not available currently in the Authorizations panel.

### **What about payer authentications?**

The Authorizations panel does not include payer authentication data.

### **How can I distinguish between ics\_auth transactions and ics\_auth/ics\_bill (sale) transactions?**

The Authorizations panel cannot currently distinguish between these types of transactions.

# Captures

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The Captures panel displays captures and refunds for a given period. A capture (sometimes known as a *settlement*) request instructs your processor to initiate a funds transfer between the customer's credit card account and your checking account. A capture can be a sale or a refund. This data is available to all users with appropriate permissions.

Captures are the following types of services:

- ics\_bill
- ics\_sale
- ics\_refund

Types of transactions that are included in the Captures panel:

- Credit and debit
- Checking, savings, corporate checking, etc.
- AliPay transactions
- Online bank transfers

## Frequently Asked Questions

### Why do you use the term *capture* instead of *settlement*?

The term *capture* is used here to distinguish it as gateway data, which is a transaction sent through the CyberSource gateway initiated by the merchant. We use the term *settlement* to refer to reconciliation data, which is a transaction that the processor has indicated that it plans to settle. The Captures panel includes all sales and refunds, whether or not they are batched by CyberSource to the payment processor.

## Settlements

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The Settlements panel displays transactions received by a processor on behalf of the merchant that the consumer's bank has agreed to fund. Settlement data is available only to merchants using a processor from which CyberSource receives financial data (currently, Global Payments and AliPay).

## Chargebacks

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The Chargebacks panel displays chargebacks reported by the processor in a given time period. Chargeback data is available only to merchants using a processor from which CyberSource receives financial data (currently, Global Payments).

## Funding

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The Funding panel displays transactions the processor plans to fund. Funding data is available only to merchants using a processor from which CyberSource receives financial data (currently, Global Payments and AliPay).

## Net Funding

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The Net Funding panel acts like a merchant statement and recaps all purchases and refunds as well as fees and adjustments processed for a merchant entity within a particular date range, resulting in an expected funding amount. Fees show on this report for the date on which they are assessed (daily or monthly), which might or might not be the same date on which the transactions were processed. Refer to your CyberSource merchant processing agreement for specific details regarding the timing of your merchant fees.

Net funding data is available only to merchants using a processor from which CyberSource receives financial data (currently, Global Payments and AliPay).

# Custom Reports

Reporting in the Classic Business Center is static. Users cannot change the reports in any way. By contrast, the new Custom Reports module enables users to create and manage their own reports. Users can choose the time period that the report covers, customize the report fields, and more. "[Report Comparisons](#)," [page 27](#), explains how to closely recreate some common Business Center reports using the Custom Reports feature.

Business Center users with report permissions, account-level (SSO) users, and resellers can use the reporting features in the New Business Center.

## Custom Report Concepts

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This section introduces concepts that will help you create reports to best suit your needs. See "[Creating a Report](#)," [page 21](#), for step-by-step information on creating and configuring reports.

The Custom Reports module provides two kinds of reports:

- Recurring report subscriptions that run at a chosen interval (for example, daily)
- One-time reports that cover a period of time in the past (for example, last month)

Both recurring and one-time reports are available for download from the New Business Center.

## Recurring Report Subscriptions

A recurring report subscription is a template that describes the attributes of a report, including how often it runs and the period of time it spans. After your recurring report is generated, it is available for download on the Available Reports page. Users can create 20 report subscriptions.

The user can customize the following attributes of a recurring subscription:

- Name—a unique name for the report. The name cannot be changed after a report is created.

- Report type—a set of basic reports that can be customized. The report type cannot be changed after a report is created. See ["Report Types," page 18](#), for a list of available reports.
- Format—the format of a generated report (XML or CSV).
- Frequency—the frequency at which a report runs: daily, weekly, or monthly. See ["Frequency and Start Time," page 13](#), for a detailed explanation.
- Start time—the time of day at which a report runs. See ["Frequency and Start Time," page 13](#), for a detailed explanation.

## Frequency and Start Time

Together, frequency and start time determine the contents of a report. When the report runs, it uses the start time and frequency to determine the ending time for transactions in the report. The frequency controls how often your report is generated. For example:

- A daily report scheduled to start at 5:00 p.m. PST runs every day and contains transactions that occurred between 5:00 p.m. the previous day and 4:59 p.m. PST of the current day, every day. A daily report that runs at 5:00 p.m. on February 2 includes transactions for February 1, 5:00 p.m., through February 2, 4:59 p.m.
- A weekly report scheduled to start at 11:00 a.m. EST on a Monday will contain transactions from the previous 7 days that occurred between 11:00 a.m. on the first day of the time period and 10:59 a.m. on the last day. A weekly report that runs at 11:00 a.m. on February 13 includes transactions for February 6, 11:00 a.m., through February 13, 10:59 a.m.
- A monthly report scheduled to start at 6:00 a.m. PST on the 1st will contain transactions from the previous 28-31 days that occurred between 6:00 a.m. on the first day of the time period and 5:59 a.m. on the last day. A monthly report that runs at 6:00 a.m. on February 1 includes transactions for January 1, 6:00 a.m., through February 1, 5:59 a.m.

## Generate Date and Time

The generate date and time varies depending on the amount of time it takes to generate the report. Recurring daily reports are generated and available for download within 6 hours of the start time. For example:

- A daily report that spans 5:00 p.m. to 4:59 p.m. might have a generate time of 7:00 p.m.
- A daily report that spans 11:00 p.m. to 10:59 p.m. might have a generate time of 1:00 a.m. the following day.

The exact amount of time that is needed to generate a recurring daily report varies based on the size of the report and the load on the system.

## Auto-Subscribed Reports

Newly boarded merchants are automatically subscribed to the following reports:

- Transaction Request Report
- Payment Batch Detail Report
- Transaction Exception Detail Report
- Processor Events Report
- Invoice Summary Report

The tables below list the fields that are included by default for these auto-subscribed reports.



**Important**

The fields included by default for auto-subscribed reports are different than the default fields included when you create a new custom report subscription. See [Appendix B, Report Fields Available](#) for the list of default fields.

**Table 1 Fields Automatically Included in the Transaction Request Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>PaymentData Fields</b>		
Amount	AuthorizationCode	CurrencyCode
TransactionRefNumber		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType

**Table 1 Fields Automatically Included in the Transaction Request Report**

CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	MandateId	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Request Fields</b>		
MerchantID	MerchantReferenceNumber	RequestID
TransactionDate		

**Table 2 Fields Automatically Included in the Payment Batch Detail Report**

<b>Batch Fields</b>		
BatchDate	BatchID	
<b>PaymentData Fields</b>		
Amount	CurrencyCode	TransactionRefNumber
<b>Request Fields</b>		
MerchantID	MerchantReferenceNumber	RequestID
TransactionDate		

**Table 3 Fields Automatically Included in the Transaction Exception Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>Batch Fields</b>		
BatchDate	BatchID	
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Exception Fields</b>		

**Table 3 Fields Automatically Included in the Transaction Exception Detail Report**

Action	ExceptionAmountCurrency	ExceptionCategory
ExceptionMessage	ExceptionType	LastsActionDate
NextActionDate	PaymentNumber	ProcessorResponseCode
ReasonCode	RetryCount	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>PaymentData Fields</b>		
Amount	AuthorizationCode	CurrencyCode
TransactionRefNumber		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	MandateId	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Request Fields</b>		
MerchantID	MerchantReferenceNumber	RequestID
TransactionDate		

**Table 4 Fields Automatically Included in the Processor Events Detail Report**

<b>CardPresent Fields</b>		
Debit_indicator		
<b>ChargebackAndRetrieval Fields</b>		
FeeAmount	FeeCurrency	
<b>Event Fields</b>		
Amount	CurrencyCode	Event
EventDate	ProcessorMessage	
<b>PaymentData Fields</b>		
TransactionRefNumber		
<b>PaymentMethod Fields</b>		
BoletoNumber		



**Table 4 Fields Automatically Included in the Processor Events Detail Report**

Request Fields		
MerchantID	MerchantReferenceNumber	RequestID
TransactionDate		

**Table 5 Fields Automatically Included in the Invoice Summary Report**

Invoice Fields		
BillingGroupDescription	NotProcessed	OrganizationID
PerformedServices	Processed	Total

These subscriptions can be deleted or modified by the merchant. See [Appendix B, Report Fields Available](#) for a full list of available fields in each report.

## One-Time Reports

A one-time report runs only once, and spans a period of time in the past, and can include up to 31 days of data. For example, a one-time report can contain transactions that occurred between 5:00 p.m. on 6/1/2016 and 4:59 p.m. on 6/7/2016.



### Note

If you want to create a report covering 24 hours between midnight and midnight, then it is necessary to set the report To and From as in the following example:

From: 12:00am on 1/1/2016

To: 12:00am on 1/2/2016

A one-time report might be useful when:

- You need information about transactions that happened before you set up your recurring subscription.
- You want to test a report before setting up a recurring subscription.
- You need a particular type of information only one time, so a recurring subscription is unnecessary.

When you need past information that spans more than 31 days, you can create multiple one-time reports. In order to protect system performance, each user is able to generate up to three one-time reports concurrently. Additional one-time reports can be scheduled after the first three reports complete.

After your one-time report is generated, it is available for download on the Available Reports page. Depending on the size of the report, it might take longer than 6 hours to generate.

## Finding a One-Time Report

By default, reports on the Available Reports page are sorted by report date range. If you created a one-time report that spans a period of time several days or more in the past, it might not appear on the first page of Available Reports. To quickly find a one-time report, filter the result set by frequency and select **One Time**.



### Note

While your report is generating, it is not shown on the Available Reports page. It appears on this page after the generation is complete.

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## Reports for Account-Level (SSO) Users

Account-level users (SSO) can create reports for themselves; the reports contain data for all of the organizations under that SSO. In addition, account-level users can view reports created by organizations under them. Account-level users cannot create reports on behalf of organizations under their account.

## Report Types

You can customize reports by adding fields to those that are required in the report. The following base reports are available:

- Gateway Reports
  - Transaction Request Report (TRR)
  - Payment Batch Detail Report (PBDR)
  - Payment Exception Detail Report
  - Invoice Summary Report
- Merchant Account Reports
  - Processor Settlement Detail Report
  - Processor Events Detail Report
  - Funding Detail Report
  - Aging Detail Report
  - Fee Detail Report
  - Chargeback and Retrieval Detail Report
  - Deposit Detail Report

## Gateway Reports

- Transaction Request Report (TRR)— all transactions that pass through the CyberSource gateway in the given interval. For example, this report might contain authorizations (**ics\_auth**), sales and refunds (**ics\_auth/ics\_bill**, **ics\_sale**, **ics\_refund**), or new subscriptions (**ics\_subscription\_create**). Merchants can use this report to audit their logs and enrich their analytics data.

This report is similar to the Transaction Detail Report (TDR) found in the Classic Business Center. Both reports contain all transactions that pass through the CyberSource gateway. If you want to create a Transaction Request Report that is similar to the TDR, see "[Transitioning to the New Custom Reports](#)," page 27.

- Payment Batch Detail Report (PBDR)—all transactions that are batched to the processor in the given interval. Merchants can use this report to monitor the batch submission process and help predict their cash flow/funding timing. The batch date and time represents the date and time that CyberSource batched the transactions to the processors.

To ensure that the report contains the most recently batched transactions, schedule this report to begin an hour or two after your daily batch end time. You can also choose to schedule multiple Payment Batch Detail Reports to suit your needs.



### Note

The report contains transactions with a batch date and time that occur within the given interval.

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The ability to configure the time period covered in a daily report offers more flexibility than the current Business Center reporting. However, there are nuances to consider about your Payment Batch Detail Report. Consider the following cases. For some merchants, the batch cut-off time may occur after the end of the logical business day. For example:

- Your logical business day begins at 9:00 a.m. PST.
- Your logical business day ends at 6:00 p.m. PST.
- Your batch end time is 7:00 p.m. PST.

In this situation, it would be useful to schedule the PBDR to begin at 8:00 p.m. PST so that it contains the transactions batched from the logical business day.

For other merchants, the batch cut-off time may occur within the logical business day. For example:

- Your logical business day begins at 9:00 a.m. EST.
- Your logical business day ends at 11:59 p.m. EST.
- Your batch cutoff time is 9:00 p.m. EST.

In this situation, transactions from your logical business day will span two batches. Some transactions will be in the batch at 9:00 p.m., and others will be in the next day's batch. You might want to schedule your report to begin at 10:00 p.m. EST, because transactions with a batch date after 10:00 p.m. EST appear on the following day's report, because they will be in the following day's batch. You can also choose to schedule multiple Payment Batch Detail Reports to suit your needs.

For some merchants, the batch date will occur one calendar day after the transactions occur.

Sometimes a transaction request date is different from the batch date. For example:

- May 1, 9:00 a.m. EST—a sale is authorized.
- May 3, 9:00 p.m. EST—the sale is captured (settled).
- May 4, 1:00 a.m. EST—CyberSource receives acknowledgment from the processor that the sale batched successfully.

In this situation, transactions that are captured on May 3 have a batch date of May 4.

This report is similar to the Payment Batch Detail Report found in the Classic Business Center. If you want to create a new Payment Batch Detail Report that is similar to the current report, see ["Transitioning to the New Custom Reports," page 27](#).

- Payment Exception Detail Report—all gateway and processor exceptions in the given interval. Merchants use the report to identify any exception errors or data mismatches across gateway and processor submissions.
- Processor Events Detail Report—all events provided by the processor regarding the transaction life cycle. Merchants use this report to manage their entitlement/commerce/CSR systems to keep the most current information regarding the transaction status.
- Invoice Summary Report—this report provides a count of billable services provided by CyberSource to a merchant and is available only as a monthly report. This report includes transactions between 12:00 a.m. PST on the first day of the month and 11:59:59 p.m. PST on the last day of the month.

## Merchant Account Reports

These reports are currently available for merchants processing with Global Payments and AliPay:

- Processor Settlement Detail Report—all transactions that settle with the processor which can include positive (capture) and negative (credit) submissions. Merchants use this report to manage their entitlement/commerce/CSR systems, including product fulfillment.

- **Fee Detail Report**—all processor fee details from the processor funding details. Merchants reconcile this report with their processor contract pricing and funding detail reports.
- **Funding Detail Report**—all transactions that are funded in the given interval. Merchants use this report to reconcile the transactions activity with the funding deposits from the processor.
- **Aging Detail Report**—all settled transactions that have not been funded reported by age. Merchants require this information in order to ensure that they can track those transactions for which they are expecting payment.
- **Chargeback And Retrieval Detail Report**—all chargeback and retrieval transactions reported from the processor. Merchants use this report to manage chargeback and retrievals and evaluate their risk performance metrics.
- **Deposit Detail Report**—all funds transfers posted to the bank account and is summarized by category (for example, Chargeback, Settlement).

## Creating a Report

When you select a report type, required fields are automatically included. You can add fields to the report as necessary.



### Important

If you would like to create a report that closely resembles reports in the Classic Business Center, you should:

- Create the report to run on a daily frequency.
  - For the Payment Batch Detail Report, the report should start at 12:00 a.m. PST.
  - For all other reports, the report should start at 12:00 a.m. in the merchant's configured time zone.
  - Use the tables in [Chapter 3, "Report Field Mappings," on page 27](#), to choose the fields for either the SCMP or the SO API naming conventions.
- 

### To create a report:

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- Step 1** In the left navigation panel, click the **Reports** icon.
- Step 2** Click **Manage Reports**.
- Step 3** Click the plus sign at the bottom of the page.
- Step 4** Enter a report name.
- Step 5** From the Frequency drop-down menu, choose the interval at which the report is to be generated:
  - One Time

- Daily
- Weekly
- Monthly

**Step 6** From the Report Type drop-down menu, choose a report.

**Step 7** Choose a report format: **XML** or **CSV**.

**Step 8** From the Report Start Time drop-down menu, choose the time of day for the reports to be generated.

**Step 9** From the Timezone drop-down menu, choose the time zone.

**Step 10** From the Filter by Application drop-down menu, select one or more application types to include in the report. By default, all application types are included.



**Note**

Only the application type(s) you select are returned in the report, even if a related application type exists for the transaction. For example, if you filter by `ics_auth`, and the transaction also includes a related `ics_bill` application, only the `ics_auth` application appears in the report.

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**Step 11** Under Report Fields, expand a category and select the additional fields that you want to include in the report. Click **Expand All** to view all available fields at once.

Fields are added to the Selected list as you select them.

**Step 12** Click **Save**.

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## Downloading Reports

### To download a report:

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**Step 1** In the left navigation panel, click the **Reports** icon.

A list of all available reports appears on the main reports page.

**Step 2** From the Frequency drop-down menu, choose an option.

**Step 3** Choose a date range.

**Step 4** Click the **CSV** or **XML** icon for the report you want to download.

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## Editing Reports

### To edit a report:

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- Step 1** In the left navigation panel, click the **Reports** icon.
  - Step 2** Click **Manage Reports**.
  - Step 3** Choose the report that you want to edit.
  - Step 4** Make the necessary changes to the report.
  - Step 5** Click **Save**.
- 

## Deleting Report Subscriptions

### To delete a report subscription:

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- Step 1** In the left navigation panel, click the **Reports** icon.
  - Step 2** Click **Manage Reports**.
  - Step 3** Choose the report that you want to delete.
  - Step 4** Click **Delete**.
- 

## Frequently Asked Questions

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### Who can use custom reports?

Merchant and account-level users and resellers can use the Custom Reports feature to download reports and to create, edit, or delete subscriptions. Account-level users (SSO) can also download the reports that their MIDs create. Users with View/Download Reports permissions can use the Custom Reports feature.



Account-level users cannot create reports on behalf of their merchants. This feature is not yet available.

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### How soon will my generated report be ready?

Daily recurring reports are available for download within 6 hours of the report start time. Weekly, monthly, and one-time reports might take longer than 6 hours.

### Can custom reports be downloaded programmatically?

At this time, the reports cannot be downloaded programmatically. This feature is not yet available.

### Is there a limit to the size of a generated report?

The report can be any size, but it might take more time to download depending on the file size and the user's network speed.

### Which report fields can I add to a custom report?

Refer to "Report Fields Available," page 70, which contains a list of available fields in each report.

### Where can I find report field descriptions?

Refer to "Report Field Definitions," page 47, for field descriptions.

### How can I identify declined authorizations in my reports?

In the Transaction Request Report, authorizations are recorded in the **ApplicationName** field as `ics_auth`. If the authorization was declined, the value in the **RCode** field will be 0. Additional information related to the decline can be found in the **RFlag** and the **RMsg** fields.

### How do I interpret the rFlag for an authorization?

For more information, see:

[https://www.cybersource.com/developers/other\\_resources/quick\\_references/reply\\_flags/](https://www.cybersource.com/developers/other_resources/quick_references/reply_flags/)

### Which browsers are supported?

Internet Explorer 10 and 11, and the latest two versions of Google Chrome, Firefox, and Safari.

### Should the Fee Detail report totals match the fee total on the Net Funding panel?

Fee details report totals should match the total on Net Funding panel.

For daily merchants, the interchange, discount, and standard assessments are detected daily and should be reflected in the Net Funding panel. There are also some month-end fees, such as authorizations, that are detected at the end of the month and would match in the Net Funding panel on that particular day.



For monthly merchants, there are not any fee details in a daily report because fees are charged only at the month-end. On that particular day, the report should match the Net Funding panel.

### **Should the Deposit Detail report totals match the Net Funded totals in the Net Funding panel?**

Yes.

### **Should the Funding Detail report totals match the Net Funded totals in the Net Funding panel?**

No. Funding details totals are a positive amount. The total in Net Funding is obtained after subtracting chargebacks, fees, and any other negative amounts.

### **Should the Funding Detail report match the Deposit Detail report?**

Yes.

### **Should the Chargeback Detail report totals match the Net Funding panel?**

Yes. Only the first and second chargebacks have financial impact to merchants. If you count the first and second chargebacks in the Chargeback detail report, that should match Net Funding.

### **What is the reporting cycle of the Invoice Summary Report?**

The Invoice Summary Report contains transactions that happen between 12:00 a.m. PST on the first day of the month and 11:59:59 p.m. on the last day of the month.

### **How does the data listed in the Classic Business Center Payment Batch Detail Report reconcile with the same report in the New Business Center?**

If you would like to configure your new Payment Batch Detail report to contain the same transactions that appear in the same report in the Classic Business Center, then schedule the report to begin at 12:00 a.m. PST. In this case, the two reports will contain the same transactions.

### **Should the Classic Business Center Payment Batch Summary Report match the Net Funding panel?**

Yes.

### **Can you tell me if the Acquirer Reference Number (ARN) is reflected in any of our acquiring reports?**

It is exposed as Transaction Reference Number in our reports. GPN returns the ARN which is a combination of CYBS trans\_ref\_no with something specific from Global Payments,

### **Why can't I change the time and timezone of the Invoice Summary Report?**

The Invoice Summary Report is designed to run on the same cycle as CyberSource monthly billing. This report is expected to contain the transactions that are billed for the month.

### **How can I get a one-time Invoice Summary report to cover the same period of time as my CYBS invoice?**

To create a one-time Invoice Summary report that reflects a CYBS invoice, select the start date as the first day of the month; the end date as the last day of the month; and time zone as GMT.

# Report Field Mappings

## Transitioning to the New Custom Reports

This section will help users of Classic Business Center reports get started using the new Custom Reports module. Table 1 compares the Classic Business Center and the New Business Center and field mappings for several reports that map the Classic Business Center report field names to the new report field names.



**Note**

Some of the Classic Business Center reports use different field naming conventions, depending on whether the report format is CSV or XML. CSV reports use the SCMP API naming conventions, and XML reports use the Simple Order API naming convention. In those cases, both naming conventions are given in the table.

## Report Comparisons

The table below compares the reports in the Classic Business Center to the reports in the New Business Center. You can use this table to determine which new reports to subscribe to.

**Table 6 Report Comparisons**

Classic Business Center	New Business Center	Notes
<b>Online Reports</b>		
Subscription Payment Exception Report	Transaction Exception Detail Report	The user can create a Transaction Exception Detail Report in the Reports module of the New Business Center and add subscription exception related fields. See " <a href="#">Creating a Report</a> ," page 21, for information on how to create a report.

**Table 6 Report Comparisons (Continued)**

<b>Classic Business Center</b>	<b>New Business Center</b>	<b>Notes</b>
Invoice Summary Report	Invoice Summary Report	The user can create an Invoice Summary Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
Transaction Detail Report	Transaction Request Report	The user can create a Transaction Request Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
Payment Events Report	Processor Events Report	The user can create a Processor Events Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
Payment Batch Detail Report	Payment Batch Detail Report	The user can create a Payment Batch Detail Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
<b>Merchant Account Reports</b>		
Payment Activity Summary	Analytics: Net Funding screen	
Transfer Log	Custom Reports: Deposit Detail Report	The user can create a Deposit Detail Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
Summary of Fees	No exact replacement; transaction level fees can be found in Fee Detail Report	The user can create a Fee Detail Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.  For a summary of fees, the user can view the Net Funding panel in the Analytics module. For monthly merchants, there are no fee details in a daily report because fees are charged only at the end of the month. On that particular day, the report should match the Net Funding panel.
Chargeback and Representation Summary	Custom Reports: Chargeback and Retrieval Detail Report  Analytics: Chargebacks screen	For a summary of chargebacks, the user can view the Net Funding panel in the Analytics module.

**Table 6 Report Comparisons (Continued)**

Classic Business Center	New Business Center	Notes
Chargeback and Representment Details	Custom Reports: Chargeback and Retrieval Detail Report	The user can create a Chargeback and Retrieval Detail Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
Chargeback and Representment Financial Details	Custom Reports: Chargeback and Retrieval Detail Report	The user can create a Chargeback and Retrieval Detail Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.
Retrieval Request Details	Custom Reports: Chargeback and Retrieval Detail Report	The user can create a Chargeback and Retrieval Detail Report in the Reports module of the New Business Center. See <a href="#">"Creating a Report," page 21</a> , for information on how to create a report.

## Field Mapping

The tables below map corresponding report fields in the Classic Business Center to report fields in the New Business Center. This information will help you to create reports in the New Business Center that resemble the reports available in the Classic Business Center. The tables show the Simple Order API and SCMP API field names along with the corresponding name in the new reports.

Reports listed below are either:

- Commonly used reports such as the Transaction Request Report that are of interest to most users.
- Replacements for recently retired reports such as the Chargeback and Representment Details Report, found under Merchant Account Reports.

Users of the Custom Reports module can create reports that run on a frequency and schedule that best suits their needs.

## Transaction Request Report

**Table 7** Field Mapping for the Transaction Request Report

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
ics_applications	Name	Name	Optional
auth_rcode	Rcode	Rcode	Optional
auth_reversal_rcode			
bill_rcode			
credit_rcode			
ecp_debit_rcode			
ecp_credit_rcode			
score_rcode			
tax_rcode			
dav_rcode			
export_rcode			
elc_rcode			
elc_revoke_rcode			
download_rcode			
create_isv_rcode			
add_value_to_isv_rcode			
get_isv_history_rcode			
get_isv_info_rcode			
get_isv_profiles_rcode			
modify_isv_rcode			
redeem_isv_rcode			

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
auth_rflag	Rflag	Rflag	Optional
auth_reversal_rflag			
bill_rflag			
credit_rflag			
ecp_debit_rflag			
ecp_credit_rflag			
score_rflag			
tax_rflag			
dav_rflag			
export_rflag			
elc_rflag			
elc_revoke_rflag			
download_rflag			
create_isv_rflag			
add_value_to_isv_rflag			
get_isv_history_rflag			
get_isv_info_rflag			
get_isv_profiles_rflag			
modify_isv_rflag			
redeem_isv_rflag			

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
auth_rmsg	Rmsg	Rmsg	Optional
auth_reversal_rmsg			
bill_rmsg			
credit_rmsg			
ecp_debit_rmsg			
ecp_credit_rmsg			
score_rmsg			
tax_rmsg			
dav_rmsg			
export_rmsg			
elc_rmsg			
elc_revoke_rmsg			
download_rmsg			
create_isv_rmsg			
add_value_to_isv_rmsg			
get_isv_history_rmsg			
get_isv_info_rmsg			
get_isv_profiles_rmsg			
modify_isv_rmsg			
redeem_isv_rmsg			
bill_address1	Address1	Address1	Optional
bill_address2	Address2	Address2	Optional
bill_city	City	City	Optional
company_name	CompanyName	CompanyName	Optional
bill_country	Country	Country	Optional
customer_id	CustomerID	CustomerID	Optional
customer_email	Email	Email	Optional
customer_firstname	FirstName	FirstName	Optional
customer_hostname	HostName	HostName	Optional
customer_ipaddress		IPAddress	Optional
customer_lastname	LastName	LastName	Optional
customer_middlename	MiddleName	MiddleName	Optional



**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
customer_loyalty	—	—	—
customer_password_pprovided	—	—	—
customer_promotions	—	—	—
—	NameSuffix	NameSuffix	Optional
—	PersonalID	PersonalID	Optional
—	Phone	Phone	Optional
bill_state	State	State	Optional
customer_title	Title	Title	Optional
—	UserName	UserName	Optional
bill_zip	Zip	Zip	Optional
—	FulfillmentType	FulfillmentType	Optional
—	InvoiceNumber	InvoiceNumber	Optional
—	MerchantProductSKU	MerchantProductSKU	Optional
—	—	Number	Optional
—	ProductCode	ProductCode	Optional
—	ProductName	ProductName	Optional
—	Quantity	Quantity	Optional
—	TaxAmount	TaxAmount	Optional
—	field1-field20	Field1-Field20	Optional
—	—	AAV_CAVV	Optional
—	ACHVerificationResult	ACHVerificationResult	Optional
—	ACHVerificationResultMapped	ACHVerificationResultMapped	Optional
—	AFTIndicator	—	—
—	Amount	Amount	Optional
auth_code	AuthorizationCode	AuthorizationCode	Optional
—	AuthorizationType	AuthorizationType	Optional
avs	—	—	—
auth_auth_avs	—	—	—
—	AVSResult	AVSResult	Optional
—	AVSResultMapped	AVSResultMapped	Optional
—	BalanceAmount	BalanceAmount	Optional
—	BalanceCurrencyCode	BalanceCurrencyCode	Optional

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
—	—	BankAccountName	Optional
—	—	BankCode	Optional
—	BinNumber	BinNumber	Optional
—	BoletoBarCodeNumber	BoletoBarCodeNumber	Optional
currency	CurrencyCode	CurrencyCode	Optional
cv	—	—	—
auth_cv_result	CVResult	CVResult	Optional
—	—	DCCIndicator	Optional
—	EMVServiceCode	—	—
—	N/A	ECI	Optional
—	EVEmail	EVEmail	Optional
—	EVEmailRaw	EVEmailRaw	Optional
—	EventType	EventType	Optional
—	EVName	EVName	Optional
—	EVNameRaw	EVNameRaw	Optional
—	EVPhoneNumber	EVPhoneNumber	Optional
—	EVPhoneNumberRaw	EVPhoneNumberRaw	Optional
—	EVPostalCode	EVPostalCode	Optional
—	EVPostalCodeRaw	EVPostalCodeRaw	Optional
—	EVStreet	EVStreet	Optional
—	EVStreetRaw	EVStreetRaw	Optional
—	—	ExchangeRate	Optional
—	—	ExchangeRateDate	Optional
—	GrandTotal	GrandTotal	Optional
—	InstallmentSequence	—	—
—	NetworkTransactionID	NetworkTransactionID	Optional
—	NumberOfInstallments	NumberOfInstallments	Optional
—	PayerAuthenticationInfo	—	—
payment_processor	PaymentProcessor	PaymentProcessor	Optional
—	PaymentRequestID	PaymentRequestID	Optional
—	PaymentType	—	—
—	ProcessorResponse Code	ProcessorResponse Code	Optional
—	ProcessorResponseID	ProcessorResponseID	Optional

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
—	ProcessorTID	ProcessorTID	Optional
—	RequestedAmount	RequestedAmount	Optional
—	RequestedAmount CurrencyCode	RequestedAmount CurrencyCode	Optional
—	SenderReferenceID	—	—
—	—	TargetAmount	Optional
—	—	TargetCurrency	Optional
—	TotalTaxAmount	TotalTaxAmount	Optional
—	—	XID	Optional
payment_method	—	—	—
account_suffix	AccountSuffix	AccountSuffix	Optional
—	BoletoNumber	BoletoNumber	Optional
—	CardCategory	CardCategory	Optional
—	CardCategoryCode	CardCategoryCode	Optional
—	CardType	CardType	Optional
—	—	CheckNumber	Optional
customer_cc_expmo	ExpirationMonth	ExpirationMonth	Optional
customer_cc_expyr	ExpirationYear	ExpirationYear	Optional
customer_cc_issue_number	IssueNumber	IssueNumber	Optional
—	—	MandateId	Optional
—	—	MandateType	Optional
—	—	SignatureDate	Optional
customer_cc_startmo	StartMonth	StartMonth	Optional
customer_cc_startyr	StartYear	StartYear	Optional
—	Type	—	—
—	SubType	—	—
—	ProfileDecision	ProfileDecision	Optional
—	ProfileMode	ProfileMode	Optional
—	RuleName	RuleName	Optional
—	RuleDecision	—	—
—	Comments	Comments	Optional
—	eCommerceIndicator	eCommerceIndicator	Optional
merchant_id	—	MerchantID	Required

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
merchant_ref_number	MerchantReferenceNumber	MerchantReferenceNumber	Optional
—	PredecessorRequestID	—	—
—	RequestDate	—	—
request_id	RequestID	RequestID	Required
source	Source	Source	Optional
subscription_id	SubscriptionID	SubscriptionID	Optional
—	—	—	—
transaction_date	—	TransactionDate	Required
—	TransactionReferenceNumber	TransactionReferenceNumber	Optional
—	TokenProvider	—	—
—	User	User	Optional
—	AppliedAVS	AppliedAVS	Optional
—	AppliedCV	AppliedCV	Optional
applied_category_gift	AppliedCategoryGift	AppliedCategoryGift	Optional
applied_category_time	AppliedCategoryTime	AppliedCategoryTime	Optional
applied_host_hedge	AppliedHostHedge	AppliedHostHedge	Optional
applied_score_threshold	AppliedThreshold	AppliedThreshold	Optional
applied_time_hedge	AppliedTimeHedge	AppliedTimeHedge	Optional
applied_velocity_hedge	AppliedVelocityHedge	AppliedVelocityHedge	Optional
—	BinAccountType	BinAccountType	Optional
—	BinCountry	BinCountry	Optional
—	BinIssuer	BinIssuer	Optional
—	BinScheme	BinScheme	Optional
—	—	CodeType	Optional
—	—	CodeValue	Optional
—	ConsumerLoyalty	ConsumerLoyalty	Optional
—	ConsumerPassword Provided	ConsumerPassword Provided	Optional
—	ConsumerPromotions	ConsumerPromotions	Optional
cookies_accepted	CookiesAccepted	CookiesAccepted	Optional

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
—	CookiesEnabled	CookiesEnabled	Optional
—	DeviceFingerprint	DeviceFingerprint	Optional
score_factors	Factors	Factors	Optional
—	FlashEnabled	FlashEnabled	Optional
gift_wrap	GiftWrap	GiftWrap	Optional
score_host_severity	HostSeverity	HostSeverity	Optional
score_score_result	—	—	—
score_time_local	—	—	—
—	ImagesEnabled	—	—
—	InfoCodes	—	—
—	IPCity	IPCity	Optional
—	IPCountry	IPCountry	Optional
—	IPRoutingMethod	IPRoutingMethod	Optional
—	IPState	IPState	Optional
—	—	ImagesEnabled	Optional
—	JavascriptEnabled	JavascriptEnabled	Optional
lost_password	LostPassword	LostPassword	Optional
product_risk	ProductRisk	ProductRisk	Optional
—	ProxyIPAddress	ProxyIPAddress	Optional
—	ProxyIPAddress Activities	ProxyIPAddress Activities	Optional
—	ProxyIPAddress Attributes	ProxyIPAddress Attributes	Optional
—	ProxyServerType	ProxyServerType	Optional
repeat_customer	RepeatCustomer	RepeatCustomer	Optional
returns_accepted	ReturnsAccepted	ReturnsAccepted	Optional
—	Score	Score	Optional
—	TimeLocal	TimeLocal	Optional
—	TrueIPAddress	TrueIPAddress	Optional
—	TrueIPAddressActivities	TrueIPAddressActivities	Optional
—	TrueIPAddressAttributes	TrueIPAddress Attributes	Optional
—	TrueIPAddressCity	TrueIPAddressCity	Optional
—	TrueIPAddressCountry	TrueIPAddressCountry	Optional
ship_to_address1	Address1	Address1	Optional

**Table 7 Field Mapping for the Transaction Request Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
ship_to_address2	Address2	Address2	Optional
ship_to_city	City	City	Optional
ship_to_country	Country	Country	Optional
—	CompanyName	—	—
—	FirstName	FirstName	Optional
—	LastName	LastName	Optional
ship_to_phone	Phone	Phone	Optional
ship_to_state	State	State	Optional
ship_to_zip	Zip	Zip	Optional
shipping_carrier	Carrier	Carrier	Optional
shipping_method	Method	Method	Optional
—	CompleteRoute	CompleteRoute	Optional
—	DepartureDateTime	DepartureDateTime	Optional
—	JourneyType	JourneyType	Optional
—	—	Number	Optional
—	PassengerEmail	PassengerEmail	Optional
—	PassengerFirstName	PassengerFirstName	Optional
—	PassengerID	PassengerID	Optional
—	PassengerLastName	PassengerLastName	Optional
—	PassengerPhone	PassengerPhone	Optional
—	PassengerStatus	PassengerStatus	Optional
—	PassengerType	PassengerType	Optional
row_descriptor	—	—	—

## Card-Present Fields

The fields in the table below are available in the Transaction Request Report (TRR) but only for card-present transactions.

**Table 8 Card-Present Fields for the Transaction Request Report**

SCMP API Field	SO API Field	New Business Center Fields
cat_level	pos_catLevel	POSCatLevel
pos_environment	pos_environment	POSEnvironment
terminal_id_alternate	pos_terminalIDAlternate	TerminalIDAlternate
cardholder_verification_method	ccAuthService_cardholderVerificationMethod	CardVerificationMethod
pin_data_encrypted_pin	pinDataEncryptedPin	
partner_sdk_version	partnerSDKVersion	PartnerSDKVersion
pos_device_id	pos_deviceID	DeviceID
card_present	pos_cardPresent	CardPresent
pos_entry_mode	pos_entryMode	POSEntryMode
emv_request_fallback	emvRequest_fallback	EMVRequestFallback
cardholder_verification_method	ccAuthService_cardholderVerificationMethod	PinType
pin_data_encrypted_pin	pinDataEncryptedPin	
issuer_response_code	issuer_responseCode	IssuerResponseCode
store_and_forward_indicator	pos_storeAndForwardIndicator	StoreAndForwardIndicator
acquirer_merchant_number	acquirerMerchantNumber	AcquirerMerchantNumber
partner_original_transaction_id	partnerOriginalTransactionID	PartnerOriginalTransactionID
terminal_serial_number	pos_terminalSerialNumber	TerminalSerialNumber

## Payment Batch Detail Report

To create a new Payment Batch Detail Report (PBDR) that contains the same range of transactions as the Classic PBDR, schedule your report to run daily at 12:00 a.m. PST.



### Note

The report will generate within 6 hours. If the report starts after 6:00 p.m., it might have a report generate date of the following day. For a discussion of nuances related to batch and report scheduling, see ["Generate Date and Time," page 13.](#)

**Table 9** Field Mapping for the Payment Batch Detail Report

Classic Business Center CSV Fields (SCMP API)	Classic Business Center XML Fields (SO API)	New Business Center Fields	Required/Optional
batch_id	BatchID	BatchID	Required
merchant_id	MerchantID	MerchantID	Required
batch_date	BatchDate	BatchDate	Required
request_id	RequestID	RequestID	Required
merchant_ref_number	MerchantReference Number	MerchantReference Number	Optional
trans_ref_no	TransactionReference Number	TransactionReference Number	Optional
payment_method	PaymentMethod	PaymentMethod	Optional
currency	CurrencyCode	CurrencyCode	Optional
amount	Amount	Amount	Optional
transaction_type	—	—	Optional

## Transaction Exception Detail Report

**Table 10** Field Mapping for the Transaction Exception Detail Report

Classic Business Center CSV Fields (SCMP API)	Classic Business Center XML Fields (SO API)	New Business Center Fields	Required/Optional
action	Action	Action	Required
error_category	ErrorCategory	ErrorCategory	Required
—	—	LastActionDate	Optional
—	—	NextActionDate	Optional
—	—	Payment#	Optional



**Table 10 Field Mapping for the Transaction Exception Detail Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
—	—	ProcessorResponseCode	Required
—	—	ReasonCode	Required
—	—	Retries	Optional
account_suffix	AccountSuffix	AccountSuffix	Optional
amount	Amount	Amount	Optional
bank_account_name	BankAccountName	BankAccountName	Optional
bank_code	BankCode	BankCode	Optional
bill_address1	BillTo_Address1	BillTo_Address1	Optional
bill_address2	BillTo_Address2	BillTo_Address2	Optional
bill_city	BillTo_City	BillTo_City	Optional
bill_country	BillTo_Country	BillTo_Country	Optional
bill_state	BillTo_State	BillTo_State	Optional
bill_zip	BillTo_Zip	BillTo_Zip	Optional
company_name	BillTo_CompanyName	BillTo_CompanyName	Optional
currency_code	CurrencyCode	CurrencyCode	Optional
customer_cc_expmo	ExpirationMonth	ExpirationMonth	Optional
customer_cc_expyr	ExpirationYear	ExpirationYear	Optional
customer_email	BillTo_Email	BillTo_Email	Optional
customer_firstname	BillTo_FirstName	BillTo_FirstName	Optional
customer_lastname	BillTo_LastName	BillTo_LastName	Optional
customer_phone	BillTo_Phone	BillTo_Phone	Optional
merchant_id	MerchantID	MerchantID	Required
merchant_ref_number	MerchantReferenceNumber	MerchantReferenceNumber	Optional
original_request_id	OriginalRequestID	OriginalRequestID	Optional
payment_method	PaymentMethod	PaymentMethod	Optional
payment_processor	PaymentProcessor	PaymentProcessor	Optional
reason_code	ReasonCode	ReasonCode	Optional
request_id	RequestID	RequestID	Required
row_descriptor	—	—	—
ship_to_address1	ShipTo_Address1	ShipTo_Address1	Optional

**Table 10 Field Mapping for the Transaction Exception Detail Report (Continued)**

<b>Classic Business Center CSV Fields (SCMP API)</b>	<b>Classic Business Center XML Fields (SO API)</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
ship_to_address2	ShipTo_Address2	ShipTo_Address2	Optional
ship_to_city	ShipTo_City	ShipTo_City	Optional
ship_to_country	ShipTo_Country	ShipTo_Country	Optional
ship_to_first_name	ShipTo_FirstName	ShipTo_FirstName	Optional
ship_to_last_name	ShipTo_LastName	ShipTo_LastName	Optional
ship_to_state	ShipTo_State	ShipTo_State	Optional
ship_to_zip	ShipTo_Zip	ShipTo_Zip	Optional
transaction_date	TransactionDate	TransactionDate	Required
transaction_ref_number	TransactionReferenceNumber	TransactionReferenceNumber	Optional
transaction_type	TransactionType	TransactionType	Optional
—	SubscriptionID	SubscriptionID	Optional

## Chargeback and Retrieval Detail Report

The Chargeback and Retrieval Detail Report in the New Business Center replaces the following Classic Business Center reports: Chargeback and Representation Details, Chargeback and Representation Financial Details, and Retrieval Request. Refer to the table below for field comparisons.

**Table 11 Field Mapping for the Chargeback and Retrieval Detail Report**

<b>Classic Business Center Fields</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
orig_capture_request_id	RequestID	Required
cybs_mid	MerchantID	Required
processor_mid	—	—
hierarchy_id	Not supported	—
cybs_exception_id	—	—
processor_case_id	CaseNumber	Required
case_amount	ChargebackAmount	Required
case_amount_currency	ChargebackCurrency	Required
cb_reason_code	ChargebackReasonCode	Optional
cb_reason_description	ChargebackReasonCode Description	Optional

**Table 11 Field Mapping for the Chargeback and Retrieval Detail Report (Continued)**

<b>Classic Business Center Fields</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
financial_impact_type	FinancialImpactType	Required
orig_capture_trans_ref_number	TransactionRefNumber	Optional
case_type_description	CaseType	Required
cb_initiated_date	ChargebackTime	Required
response_date	ResponseByDate	Optional
status_description	CaseIdentifier	Optional
arn	ARN	Optional
event_posting_date	CaseTime	Required
orig_capture_amount	RequestedAmount	Optional
orig_capture_currency	RequestedAmountCurrencyCode	Optional
payment_method	cardType	Optional
account_suffix	AccountSuffix	Optional
orig_capture_sub_date	TransactionDate	Optional
orig_transaction_type	TransactionType	Required
orig_merchant_ref_number	MerchantReferenceNumber	Optional
orig_auth_trans_ref_number	TransactionRefNumber	Optional
orig_auth_date	TransactionDate	Optional
cb_exception_fee_amount	FeeAmount	Optional
cb_exception_fee_currency	FeeCurrency	Optional
issuer_message_text	ChargebackMessage	Optional
funding_currency_case_amount	ChargebackAmount	Required
funding_currency	ChargebackCurrency	Required
first_name	FirstName	Optional
last_name	LastName	Optional
—	DocumentIndicator	Optional
—	FinancialImpact	Required
—	MerchantCategoryCode	Optional
—	PartialIndicator	Optional
—	ResolutionTime	Optional
—	ResolvedToIndicator	Optional

## Deposit Detail Report

The Deposit Detail Report in the New Business Center replaces the Transfer Log Report. Refer to the table below for field comparisons.

**Table 12 Field Mapping for the Deposit Detail Report**

Classic Business Center Fields	New Business Center Fields	Required/Optional
transfer_ref_no	Identifier	Required
origination_date	Time	Required
processor_mid	—	—
cybs_mid	MerchantID	Required
effective_date	N/A	—
amount	Amount	Required
currency_code	Currency	Required
type_description	Type	Required
hierarchy_id	Not Supported	Optional
masked_dda	MerchantBankAcctLast4	Optional
routing_number	MerchantBankCode	Optional
transfer_method	Method	Required
acquirer	—	—
—	Category	Required
—	ExchangeRate	Optional
—	ExchangeRateDescription	Optional
—	Identifier	Required
—	MerchantBankAcctName	Optional
—	MerchantBankCountry	Optional
—	MerchantBankName	Optional
—	Status	Required
—	TransferMessage	Optional

## Invoice Summary Report

The Invoice Summary Report in the New Business Center replaces the Invoice Summary Report. Refer to the table below for field comparisons.

**Table 13 Field Mapping for the Invoice Summary Report**

Classic Business Center Fields	New Business Center Fields	Required/Optional
BillingGroupDescription	BillingGroupDescription	Required
OrganizationID	OrganizationID	Required
NotProcessed	NotProcessed	Required
PerformedServices	PerformedServices	Required
Processed	Processed	Required
Total	Total	Required

## Transaction Exception Detail Report

The Transaction Exception Detail Report in the New Business Center replaces the Subscription Payment Exception Report. Refer to the table below for field comparisons.

**Table 14 Field Mapping for the Transaction Exception Detail Report**

Classic Business Center Fields	New Business Center Fields	Required/Optional
SubscriptionID	SubscriptionID	Optional
OrderNumber	MerchantReferenceNumber	Optional
Amount	PaymentData.RequestedAmount	Optional
Currency	RequestedAmountCurrency	Optional
CustomerName	BillTo.FirstName and BillTo.Lastname	Optional
PaymentType	PaymentMethod.CardType	Optional
PaymentNumber	PaymentNumber	Optional
LastAction	LastActionDate	Optional
Status	Application.RMsg	Optional
Retries	Retries	Optional
NextAction	NextActionDate	Optional
—	Action	Required
—	CYBSExceptionID	Optional
—	ExceptionAmount	Optional
—	ExceptionAmountCurrency	Optional
—	ExceptionCategory	Required

**Table 14 Field Mapping for the Transaction Exception Detail Report (Continued)**

<b>Classic Business Center Fields</b>	<b>New Business Center Fields</b>	<b>Required/Optional</b>
—	ExceptionDate	Optional
—	ExceptionMessage	Required
—	ExceptionReasonDescription	Optional
—	ExceptionStatus	Optional
—	ExceptionType	Required
—	FinancialStatus	Optional
—	OriginalTransactionSubmission Date	Optional
—	ProcessorCaseID	Optional
—	ProcessorResponseCode	Required
—	ReasonCode	Required
—	Request	Optional
—	MerchantID	Required
—	TransactionDate	Required

# Report Field Definitions

Table 10 defines the New Business Center's report fields and lists them alphabetically. See [Appendix B, "Report Fields Available," on page 70](#), for listing of available fields by report.

**Table 15 Report Field Definitions**

Field Name	Definition	Data Type and Field Length
Application.Name	Name of application used.	VARCHAR2 (30)
Application.Rcode	One-digit code that indicates whether the entire request was successful.	Number (12)
Application.Rflag	One-word description of the result of the entire request.	VARCHAR2 (50)
Application.RMsg	Message that explains the <ics_flag> value.	VARCHAR2 (255)
BankInfo.Address	Bank's address.	VARCHAR2 (50)
BankInfo.BranchCode	Code that identifies the branch of the customer's bank when you are not using the IBAN.	VARCHAR2 (50)
BankInfo.City	City in which the bank is located.	VARCHAR2 (50)
BankInfo.Country	Country in which the bank is located.	VARCHAR2 (50)
BankInfo.Name	Bank's name.	VARCHAR2 (50)
BankInfo.SwiftCode	Bank's SWIFT code. Unique address of the bank. Also known as the Bank Identification Code (BIC).	VARCHAR2 (50)
Batch.BatchDate	Date when the batch was sent to the processor.	Date
Batch.BatchID	CyberSource batch in which the transaction was sent.	VARCHAR2 (8)
Batch.Status	Status of batch file.	VARCHAR2 (10)
Batch.SuccessFlag	Indicates whether batch file processing was successful.	VARCHAR
BillTo.Address1	First line of the billing street address as it appears on the credit card issuer's records.	VARCHAR2 (400)
BillTo.Address2	Additional address information.	VARCHAR2 (400)
BillTo.City	City of the billing address.	VARCHAR2 (50)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
BillTo.CompanyName	Name of the customer's company.	VARCHAR2 (60)
BillTo.CompanyTaxID	Tax identification number of customer's company.	VARCHAR2 (9)
BillTo.Country	Country of the billing address.	VARCHAR2 (2)
BillTo.CustomerID	Your identifier for the customer.	VARCHAR2 (30)
BillTo.Email	Customer's email address, including the full domain name.	VARCHAR2 (1500)
BillTo.FirstName	First name of the billed customer.	VARCHAR2 (60)
BillTo.HostName	DNS resolved hostname from <b>billTo_ipAddress</b> .	VARCHAR2 (255)
BillTo.IPAddress	Customer's IP address.	VARCHAR2 (15)
BillTo.LastName	Last name of the billed customer.	VARCHAR2 (60)
BillTo.MiddleName	Middle name of the billed customer.	VARCHAR2 (60)
BillTo.NameSuffix	Suffix of billed customer.	VARCHAR2 (60)
BillTo.PersonalID	Personal identifier. This field is supported only for Redecard in Brazil for CyberSource Latin American Processing. Set this field to the Cadastro de Pessoas Fisicas (CPF), which is required for AVS for Redecard in Brazil.	VARCHAR2 (40)
BillTo.Phone	Customer's phone number.	VARCHAR2 (100)
BillTo.State	State or province of the billing address.	VARCHAR2 (64)
BillTo.Title	Title of the billed customer.	VARCHAR2 (30)
BillTo.UserName	Customer's user name.	VARCHAR2 (30)
BillTo.Zip	Postal code for the billing address. The postal code must consist of 5 to 9 digits.	VARCHAR2 (10)
ChargebackAndRetrieval.AdjustmentAmount	Amount of the chargeback adjustment.	Number
ChargebackAndRetrieval.AdjustmentCurrency	Currency of the chargeback adjustment.	VARCHAR2 (3)
ChargebackAndRetrieval.AdjustmentARN	Association reference number.	VARCHAR2 (64)
ChargebackAndRetrieval.CaseIdentifier	Numerical identifier created by CyberSource to represent a unique chargeback, representment, or other exception.	Number
ChargebackAndRetrieval.CaseNumber	Processor-assigned case number.	VARCHAR2 (64)



**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
ChargebackAndRetrieval. CaseTime	The date that the case was opened.	Date
ChargebackAndRetrieval. CaseType	Description of the case type.	VARCHAR
ChargebackAndRetrieval. ChargebackAmount	Amount of the chargeback.	Number
ChargebackAndRetrieval. ChargebackCurrency	Chargeback currency code.	VARCHAR2 (3)
ChargebackAndRetrieval. ChargebackMessage	Text message from the issuer explaining the reason for the chargeback or other exception.	VARCHAR2 (64)
ChargebackAndRetrieval. ChargebackReasonCode	Association chargeback reason code.	VARCHAR2 (10)
ChargebackAndRetrieval. ChargebackReasonCode Description	Text description of the reason code.	VARCHAR2 (64)
ChargebackAndRetrieval. ChargebackTime	The date that the chargeback was originated by the issuing bank.	Date
ChargebackAndRetrieval. DocumentIndicator	Indicates whether or not there are associated documents. Possible values: <ul style="list-style-type: none"> <li>■ Y</li> <li>■ N</li> </ul>	VARCHAR2 (1)
ChargebackAndRetrieval. FeeAmount	Amount of the chargeback exception fee.	Number
ChargebackAndRetrieval. FeeCurrency	Currency code for the chargeback exception fee.	VARCHAR2 (3)
ChargebackAndRetrieval. FinancialImpact	Indicates whether or not there is a financial impact. Possible values: <ul style="list-style-type: none"> <li>■ Y</li> <li>■ N</li> </ul>	VARCHAR2 (1)
ChargebackAndRetrieval. FinancialImpactType	Debit, credit, or none.	VARCHAR2 (2)
ChargebackAndRetrieval. MerchantCategoryCode	Four-digit number that the payment card industry uses to classify merchants into market segments.	VARCHAR2 (4)
ChargebackAndRetrieval. PartialIndicator	Flag indicating whether the transaction is enabled for partial chargeback.	VARCHAR2 (1)
ChargebackAndRetrieval. ResolutionTime	Resolution time in UTC.	Date

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
ChargebackAndRetrieval.ResolvedToIndicator	Indicates resolved to status of transaction. Possible values: <ul style="list-style-type: none"> <li>■ B (bank)</li> <li>■ M (merchant)</li> <li>■ S (split)</li> <li>■ G (general ledger)</li> </ul>	VARCHAR2 (20)
ChargebackAndRetrieval.RespondByDate	Date by which item must be submitted to the chargeback processor to allow sufficient time for representation.	Date
ChargebackAndRetrieval.TransactionType	Capture type of the original transaction.	VARCHAR2 (6)
Check.AccountEncoderID	Identifier for the bank that provided the customer's encoded account number.	VARCHAR2 (3)
Check.SecCode	Authorization method used for the transaction.	VARCHAR2 (3)
Deposit.Amount	Amount of the deposit.	Number
Deposit.Category	Category of the deposit.	VARCHAR2 (25)
Deposit.Currency	Currency code of the deposit.	VARCHAR2 (3)
Deposit.ExchangeRate	Exchange rate. Includes a decimal point and up to 4 decimal places.	Number
Deposit.ExchangeRateDescription	Exchange rate description from the funding bank.	VARCHAR2 (64)
Deposit.Identifier	Unique reference number for this deposit.	VARCHAR2 (64)
Deposit.MerchantBankAcctLast4	Bank account number to which the funds transfer will be deposited. For security purposes, all but the last 4 digits are masked.	VARCHAR2 (4)
Deposit.MerchantBankAcctName	Name used on the bank account.	VARCHAR2 (35)
Deposit.MerchantBankCode	Routing number for the account to which the funds transfer will be deposited.	VARCHAR2 (35)
Deposit.MerchantBankCountry	Country in which the bank is located. Use the two-character ISO Standard Country Codes.	VARCHAR2 (2)
Deposit.MerchantBankName	Bank's name.	VARCHAR2 (35)
Deposit.MerchantID	CyberSource merchant ID.	VARCHAR2 (30)
Deposit.Method	Funds transfer method.	VARCHAR2 (25)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Deposit.Status	Status of the deposit. Possible values: <ul style="list-style-type: none"> <li>■ S (success)</li> <li>■ P (pending)</li> <li>■ F (failed)</li> </ul>	VARCHAR2 (7)
Deposit.Time	Deposit time for the transaction in UTC.	Date
Deposit.TransferMessage	Deposit transfer message provided by the processor.	VARCHAR2 (64)
Deposit.Type	Description of events included in this funds transfer.	VARCHAR2 (3)
Device.DeviceID	Identification number of device used for transaction.	VARCHAR2 (3)
Event.Amount	Amount for the event.	Number (19)
Event.CurrencyCode	Currency code for the event.	VARCHAR2 (5)
Event.Event	Type of event that occurred for the transaction.	VARCHAR2 (20)
Event.EventDate	Date in GMT format that the event occurred. This field can be null for some event types, such as Declined.	Date
Event.ProcessorMessage	Additional information from the processor about the event, such as an error message or explanation.	VARCHAR2 (255)
Exception.Action	Brief description of the action.	VARCHAR2 (20)
Exception.CYBSException ID	Exception ID number assigned by CyberSource.	Number (18)
Exception.Exception Amount	Amount specified in the exception.	Number (19)
Exception.Exception AmountCurrency	Exception currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (255)
Exception.Exception Category	Type of exception.	VARCHAR2 (20)
Exception.ExceptionDate	Date of exception.	Number (18)
Exception.Exception Message	Description of the exception.	VARCHAR2 (255)
Exception.Exception ReasonCode	Reason code for the error that occurred. This reason code is the same one that you receive in the reply or transaction receipt.	VARCHAR2 (60)
Exception.Exception ReasonDescription	Description of exception reason.	VARCHAR2 (255)
Exception.ExceptionStatus	Current status of the transaction.	VARCHAR2 (30)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Exception.ExceptionType	Type of exception.	Number (26)
Exception.FinancialStatus	Financial status of the transaction.	Number (5)
Exception.LastActionDate	Date of last action on the transaction.	Date
Exception.NextActionDate	Date of next action on the transaction.	Date
Exception.Original TransactionSubmission Date	Date on which the transaction was submitted.	Date
Exception.Payment Number	Payment number.	VARCHAR2
Exception.ProcessorCase ID	Processor-assigned case number	VARCHAR2 (30)
Exception.Processor ResponseCode	Code returned directly from the processor for the exception that occurred.	VARCHAR2 (12)
Exception.ReasonCode	Reason code for the exception that occurred.	VARCHAR2 (12)
Exception.RetryCount	Total number of payments that are pending in retry mode.	Number
Exception.Settlement Processor	Name of settlement processor.	VARCHAR2 (40)
Fee.AssessmentAmount	Amount of the assessment.	Number
Fee.AssessmentCurrency	Currency of the assessment.	VARCHAR2 (3)
Fee.BillingCycle	Billing cycle of the merchant. Possible values: <ul style="list-style-type: none"> <li>■ daily</li> <li>■ weekly</li> <li>■ monthly</li> </ul>	VARCHAR2 (25)
Fee.BillingType	Billing type of the merchant. Possible values: <ul style="list-style-type: none"> <li>■ discount</li> <li>■ interchangePlus</li> <li>■ serviceFee</li> <li>■ other</li> </ul>	VARCHAR2 (25)
Fee.ClearedInterchange Level	Code for the clearing level.	VARCHAR2 (3)
Fee.DiscountAmount	DiscountRate *TransactionAmount. This value includes 4 decimal points.	Number
Fee.DiscountCurrency	Currency of the discount.	VARCHAR2 (3)
Fee.DiscountRate	Discount rate.	Number

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Fee.DowngradeReason Code	Reason for downgrade. Possible values: <ul style="list-style-type: none"> <li>■ 1: Transaction exceeded timeliness.</li> <li>■ 2: Authorization code is missing.</li> <li>■ 8: POS entry mode does not qualify.</li> <li>■ 9: POS condition code does not qualify.</li> <li>■ A: POS terminal capability does not qualify.</li> <li>■ D: Mail/phone/e-commerce indicator does not qualify.</li> <li>■ K: Transaction cleared as intraregional.</li> <li>■ L: Transaction cleared as interregional.</li> <li>■ R: Reclassification.</li> <li>■ U: UK domestic.</li> <li>■ V: German domestic.</li> <li>■ W: Transaction cleared as world signia.</li> <li>■ X: Did not qualify at merchant price level</li> </ul>	VARCHAR2 (6)
Fee.InterchangeAmount	Final amount of transaction after the interchange rates are applied.	Number
Fee.InterchangeCurrency	ISO currency code for the currency of the clearing rate.	VARCHAR2 (3)
Fee.InterchangeRate	Interchange rate for the transaction.	Number
Fee.PerItemFeeAmount	Fee for a single item.	Number
Fee.PerItemFeeCurrency	Currency for a single item fee.	VARCHAR2 (3)
Fee.PricedInterchange Level	Interchange flat rate that was assigned when you set up your account. This value includes 4 decimal points.	VARCHAR2 (3)
Fee.ServiceFeeAmount	Amount of service fee for transaction.	Number
Fee.ServiceFeeAmount Ccy	Currency of the service fee.	VARCHAR2 (3)
Fee.ServiceFeeFixed Amount	Amount of the fixed service fee for the transaction.	Number
Fee.ServiceFeeFixed AmountCcy	Currency of the fixed service fee.	VARCHAR2 (3)
Fee.ServiceFeeRate	Percentage rate of the service fee.	Number
Fee.SettlementAmount	Amount of the settlement.	Number
Fee.SettlementCurrency	Currency of the settlement.	VARCHAR2 (3)
Fee.SettlementTime	Time the settlement was processed.	Date

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Fee.SettlementTimeZone	Time zone of the settlement.	VARCHAR2 (6)
Fee.SourceDescriptor		VARCHAR2 (6)
Fee.TotalFeeAmount	Total amount of all fee transactions for the specified date range.	Number
Fee.TotalFeeCurrency	Currency for all fee transactions for the specified date range.	VARCHAR2 (3)
Funding.Currency ExchangeDescription	Exchange rate description from the processor.	VARCHAR2 (64)
Funding.Currency ExchangeRate	Exchange rate for converting from transaction currency to funding currency.	Number
Funding.FeeAmount	Fee for the transaction.	Number
Funding.FeeCurrency	Fee currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (3)
Funding.FeeDescription	Fee description from the processor.	VARCHAR2 (64)
Funding.FundingAccount Suffix	Last 4 digits of funding account.	VARCHAR2 (40)
Funding.FundingAmount	Funding amount of the transaction.	Number
Funding.FundingBank Code	Bank code of the funding bank.	
Funding.FundingBank Country	Bank country of the funding bank represented in ISO 3166-1 alpha-3.	
Funding.FundingBank Name	Name of bank funding the transaction.	
Funding.FundingCurrency	Funding currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (3)
Funding.FundingDate	Funding date of the transaction.	Date
Funding.Funding IdentificationNumber	Funding identification for the funding of the transaction.	VARCHAR2 (64)
Funding.Funding ProcessorMessage	Funding response message from the processor.	VARCHAR2 (64)
Funding.FundingTransfer Message	Funding transfer message provided by the processor.	VARCHAR2 (64)
Funding.Processor ResponseCode	Funding response code from the processor.	VARCHAR2 (10)
Funding.Status	Funding status. Possible values: <ul style="list-style-type: none"> <li>■ S (success)</li> <li>■ P (pending)</li> <li>■ F (failed)</li> </ul>	VARCHAR2 (10)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
FundTransfer.BankCheck Digit	Code used to validate the customer's account number.	CHAR (2)
FundTransfer.Iban Indicator	International Bank Account Number (IBAN).	CHAR (1)
Invoice.BillingGroup Description	Description of the billing group.	VARCHAR2 (50)
Invoice.NotProcessed	Number of unprocessed transactions.	Number
Invoice.OrganizationID	Merchant ID.	VARCHAR2 (30)
Invoice.Performed Services	CyberSource ICS service name.	VARCHAR2 (30)
Invoice.Processed	Number of processed transactions.	Number
Invoice.Total	Invoice count.	Number
LinItems.FulfillmentType	Information about the product code used for the line item.	VARCHAR2 (2)
LinItems.InvoiceNumber	Invoice number for order.	VARCHAR2 (30)
LinItems.Merchant ProductSku	Identification code for the product.	VARCHAR2 (255)
LinItems.Number	Number of the line item in an order.	Number
LinItems.ProductCode	Type of product. This value is used to determine the category that the product is in: electronic, handling, physical, service, or shipping.	VARCHAR2 (255)
LinItems.ProductName	Name of product.	VARCHAR2 (255)
LinItems.Quantity	Quantity of product.	Number (12)
LinItems.TaxAmount	Total tax to apply to the product.	Number (19)
LinItems.UnitPrice	Per-item price of the product.	Number
MerchantDefinedData.Field1 - MerchantDefinedData.Field20	Fields that you can use to store information.	VARCHAR2 (1175)
PaymentData.AAV_CAVV	Optional authentication data that you can receive after the customer is authenticated.	VARCHAR2 (3)
PaymentData.ACH VerificationResult	Raw result of the ACH Verification service.	
PaymentData.ACH VerificationResultMapped	Mapped result of the ACH Verification service.	
PaymentData.Amount	Grand total for the order.	Number (19)
PaymentData.AuthorizationCode	Authorization code for the payment.	VARCHAR2 (15)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
PaymentData.AuthorizationType	Authorization type of the payment.	VARCHAR2 (1)
PaymentData.AVSResult	Raw code for Address Verification Service result for the payment.	VARCHAR2 (10)
PaymentData.AVSResult Mapped	Address Verification Service result for the payment.	VARCHAR2 (5)
PaymentData.Balance Amount	Remaining balance on the account.	Number (19)
PaymentData.Balance CurrencyCode	Currency of the remaining balance on the account.	VARCHAR2 (3)
PaymentData.BinNumber	Bank identification number.	VARCHAR2 (6)
PaymentData.Card Category	Type of card used in the transaction.	VARCHAR2 (10)
PaymentData.Card CategoryCode	Category code of card used in the transaction.	
PaymentData.Currency Code	Currency code for the payment.	VARCHAR2 (3)
PaymentData.CVResult	CVN result code.	
PaymentData.DCC Indicator	Flag that indicates whether DCC is being used for the transaction.	VARCHAR2 (1)
PaymentData.ECI	Optional information that you can receive if you use the Payer Authentication service.	Number (5)
PaymentData.eCommerce Indicator	Type of eCommerce transaction.	CHAR (1)
PaymentData.EVEmail	Mapped Electronic Verification response code for the customer's email address.	VARCHAR2 (5)
PaymentData.EVEmail Raw	Raw Electronic Verification response code from the processor for the customer's email address.	VARCHAR2 (10)
PaymentData.EventType	Type of event that occurred for the transaction.	
PaymentData.EVName	Mapped Electronic Verification response code for the customer's name.	VARCHAR2 (5)
PaymentData.EVName Raw	Raw Electronic Verification response code from the processor for the customer's last name.	VARCHAR2 (10)
PaymentData.EVPhone Number	Mapped Electronic Verification response code for the customer's phone number.	VARCHAR2 (5)
PaymentData.EVPhone NumberRaw	Raw Electronic Verification response code from the processor for the customer's phone number.	VARCHAR2 (10)



**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
PaymentData.EVPostal Code	Mapped Electronic Verification response code for the customer's postal code.	VARCHAR2 (5)
PaymentData.EVPostal CodeRaw	Raw Electronic Verification response code from the processor for the customer's postal code.	VARCHAR2 (10)
PaymentData.EVStreet	Mapped Electronic Verification response code for the customer's street address.	VARCHAR2 (5)
PaymentData.EVStreet Raw	Raw Electronic Verification response code from the processor for the customer's street address.	VARCHAR2 (10)
PaymentData.Exchange Rate	Exchange rate.	Number (27)
PaymentData.Exchange RateDate	Time stamp for the exchange rate.	Date
PaymentData.GrandTotal	Grand total amount for the order, including tax, for requests that do not contain payment information.	Number (19)
PaymentData.NumberOf Installments	Total number of installments when making payments in installments.	VARCHAR2 (3)
PaymentData.Payment Processor	Name of payment processor.	VARCHAR2 (40)
PaymentData.Payment ProductCode	Type of payment product used by the consumer to pay on a payment provider's site, such as installments or bank transfer	
PaymentData.Payment RequestID	Original request ID for the purchase.	Number (26)
PaymentData.Processor ResponseCode	The error message sent directly from the bank.	VARCHAR2 (60)
PaymentData.Processor ResponseID	Response ID sent from the processor.	VARCHAR2 (50)
PaymentData.Processor TID	Transaction identification (TID) that is used to identify and track a transaction throughout its life cycle.	VARCHAR2 (60)
PaymentData.Requested Amount	Amount requested to be authorized.	Number (19)
PaymentData.Requested AmountCurrencyCode	Currency for the amount requested to be authorized.	VARCHAR2 (5)
PaymentData.Target Amount	Converted amount.	Number (19)
PaymentData.Target Currency	Billing currency.	VARCHAR2 (3)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
PaymentData.TotalTax Amount	Total tax amount for all of the line items in the transaction.	Number (19)
PaymentData.Transaction RefNumber	Reference number for the transaction.	VARCHAR2 (60)
PaymentData.XID	Optional transaction identifier generated by Payer Authentication that you can receive when the customer is enrolled and when validation is successful.	VARCHAR2 (40)
PaymentMethod.Account Suffix	Last four digits of the customer's payment account number.	VARCHAR2 (4)
PaymentMethod.Bank AccountName	Bank's account name.	VARCHAR2 (90)
PaymentMethod.Bank Code	Bank's code. Used for some countries when you are not using the IBAN. Contact CyberSource Customer Support for required country-specific bank account information.	VARCHAR2 (15)
PaymentMethod.Boleto BarCodeNumber	Numeric representation of the boleto barcode.	VARCHAR2 (50)
PaymentMethod.Boleto Number	Boleto Bancário payment number.	VARCHAR2 (50)
PaymentMethod.Card Category	Type of card used.	VARCHAR2 (10)
PaymentMethod.Card CategoryCode	Code for card type used.	VARCHAR2 (10)
PaymentMethod.CardType	Type of card to authorize.	VARCHAR2 (5)
PaymentMethod.Check Number	Check number.	VARCHAR2 (10)
PaymentMethod.ExpirationMonth	Two-digit month in which the credit card expires.	VARCHAR2 (4)
PaymentMethod.ExpirationYear	Four-digit year in which the credit card expires.	VARCHAR2 (4)
PaymentMethod.Issue Number	Number of times a Maestro (UK Domestic) card has been issued to the account holder.	VARCHAR2 (5)
PaymentMethod.Mandate Id	Identification reference for the direct debit mandate.	VARCHAR2 (35)
PaymentMethod.Mandate Type	Type of mandate.	VARCHAR2 (20)
PaymentMethod.Signature Date	Date of signature.	Date

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
PaymentMethod.Start Month	Month of the start of the Maestro (UK Domestic) card validity period.	VARCHAR2 (4)
PaymentMethod.StartYear	Year of the start of the Maestro (UK Domestic) card validity period.	VARCHAR2 (4)
PaymentMethod.Wallet Type	Type of wallet.	VARCHAR2 (20)
Profile.Name	Name of the profile.	VARCHAR2 (30)
Profile.ProfileDecision	Decision returned by the profile.	VARCHAR2 (255)
Profile.ProfileMode	Activity mode of the profile.	VARCHAR2 (1)
Profile.RuleDecision	Decision returned by the rule.	VARCHAR2 (255)
Profile.RuleName	Name of the rule.	VARCHAR2 (30)
Recipient.RecipientBilling Amount	Billing amount of transaction.	Number (19)
Recipient.RecipientBilling Currency	Currency of billed transaction.	CHAR (3)
Request.Comments	Optional comments that you can make about the subscription or customer profile.	VARCHAR2 255)
Request.MerchantID	CyberSource merchant ID used for the transactions.	VARCHAR2 (30)
Request.Merchant ReferenceNumber	Merchant-generated order reference or tracking number.	Number (38)
Request.RequestID	Identifier for the transaction request.	Number (26)
Request.Source	Source of request.	
Request.SubscriptionID	Identifier for the customer profile.	VARCHAR2 (26)
Request.TransactionDate	Date on which the transaction took place.	Date
Request.User	Information about a user.	VARCHAR2 (30)
Risk.AppliedAVS	Indicates whether or not Address Verification Service rules were applied to the transaction.	
Risk.AppliedCategoryGift	Importance of billing and shipping addresses in assessing the order. If you do not specify a value in your request, the server uses the default value for your merchant ID.	VARCHAR2 (1)
Risk.AppliedCategoryTime	Importance of time of day in assessing the order. If you do not specify a value in your request, the server uses the default value for your merchant ID.	VARCHAR2 (6)
Risk.AppliedCV	Indicates whether or not Card Verification was applied to the transaction.	VARCHAR2 (1)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Risk.AppliedHostHedge	Importance of email and IP addresses of the customer in assessing the order. If you do not specify a value in your request, the server uses the default value for your merchant ID.	VARCHAR2 (6)
Risk.AppliedThreshold	Score threshold applied to the order.	Number (7)
Risk.AppliedTimeHedge	Importance of time of day in assessing the order. If you do not specify a value in your request, the server uses the default value for your merchant ID.	VARCHAR2 (6)
Risk.AppliedVelocity Hedge	Importance of the number of orders from the customer in a specific time period in assessing the order. If you do not specify a value in your request, the server uses the default value for your merchant ID.	VARCHAR2 (6)
Risk.BinAccountType	Type of customer.	VARCHAR2 (2)
Risk.BinCountry	Country (two-digit country code) associated with the BIN of the customer's card used for the payment.	VARCHAR2 (2)
Risk.BinIssuer	Name of the bank or entity that issued the card account.	VARCHAR2 (128)
Risk.BinScheme	Subtype of card account.	VARCHAR2 (64)
Risk.CodeType	Category of information code returned for an order.	
Risk.CodeValue	Description of the information code returned in the <b>&lt;CodeType&gt;</b> element.	
Risk.ConsumerLoyalty	Indicates whether a loyalty program is used or the number of the loyalty reward account that is used.	VARCHAR2 (1)
Risk.ConsumerPassword Provided	Reserved for future use.	VARCHAR2 (1)
Risk.ConsumerPromotions	Reserved for future use.	VARCHAR2 (1)
Risk.CookiesAccepted	Indicates whether the customer's Web browser accepts cookies. This field can contain one of the following values: <ul style="list-style-type: none"> <li>■ <code>true</code>: The customer's browser accepts cookies.</li> <li>■ <code>false</code>: The customer's browser does not accept cookies.</li> </ul>	VARCHAR2 (1)
Risk.CookiesEnabled	Indicates whether cookies are enabled in the customer's browser.	VARCHAR2 (1)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Risk.DeviceFingerPrint	Indicates whether Device Fingerprint is used.	VARCHAR2 (80)
Risk.Factors	Information that affected the score of the order.	VARCHAR2 (100)
Risk.FlashEnabled	Indicates whether Flash is enabled in the customer's browser.	VARCHAR2 (1)
Risk.GiftWrap	Reserved for future use.	VARCHAR2 (1)
Risk.HostSeverity	Risk associated with the customer's email domain.	Number (7)
Risk.ImagesEnabled	Indicates whether images are enabled in the customer's browser.	VARCHAR2 (1)
Risk.IPCity	Name of the city decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (50)
Risk.IPCountry	Name of the country decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (60)
Risk.IPRoutingMethod	Routing method decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (30)
Risk.IPState	Name of the state decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (20)
Risk.JavascriptEnabled	Indicates whether JavaScript is enabled in the customer's browser.	VARCHAR2 (1)
Risk.LostPassword	Reserved for future use.	VARCHAR2 (1)
Risk.ProductRisk	Indicates the level of risk for the product. This field can contain one of the following values: <ul style="list-style-type: none"> <li>■ low: The product is associated with few chargebacks.</li> <li>■ normal: The product is associated with a normal number of chargebacks.</li> <li>■ high: The product is associated with many chargebacks.</li> </ul>	VARCHAR2 (6)
Risk.ProxyIPAddress	IP address of the proxy if it is available.	VARCHAR2 (64)
Risk.ProxyIPAddress Activities	Actions associated with the proxy IP address.	VARCHAR2 (255)
Risk.ProxyIPAddress Attributes	Characteristics associated with the proxy IP address.	VARCHAR2 (255)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Risk.ProxyServerType	Type of proxy server based on the HTTP header.	VARCHAR2 (12)
Risk.RepeatCustomer	Reserved for future use.	VARCHAR2 (1)
Risk>ReturnsAccepted	Indicates whether returns are accepted for this order. This field can contain one of the following values: <ul style="list-style-type: none"> <li>■ <code>true</code>: Returns are accepted for this order.</li> <li>■ <code>false</code>: Returns are not accepted for this order.</li> </ul>	VARCHAR2 (1)
Risk.Score	Total score calculated for the order.	Number
Risk.TimeLocal	Local time of order.	Date
Risk.TrueIPAddress	Customer's true IP address detected by the application.	VARCHAR2 (64)
Risk.TrueIPAddress Activities	Actions associated with the true IP address.	VARCHAR2 (255)
Risk.TrueIPAddress Attributes	Characteristics associated with the true IP address.	VARCHAR2 (255)
Risk.TrueIPAddressCity	City associated with the true IP address.	VARCHAR2 (50)
Risk.TrueIPAddress Country	Country associated with the true IP address.	VARCHAR2 (2)
Sender.SenderReference Number	Reference number generated by you that uniquely identifies the sender.	VARCHAR2 (16)
Settlement.SettlementAge	Age of settlement.	Number
Settlement.Settlement Amount	Settlement amount of the transaction.	Number
Settlement.Settlement CurrencyCode	Settlement currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (3)
Settlement.Settlement Date	Settlement date of the transaction.	Date
Settlement.Source ResponseCode	Settlement response code from the processor.	VARCHAR2 (10)
Settlement.Source ResponseMessage	Settlement response message from the processor.	VARCHAR2 (64)
Settlement.Status	Settlement status. Possible values: <ul style="list-style-type: none"> <li>■ S (success)</li> <li>■ P (pending)</li> <li>■ F (failed)</li> </ul>	VARCHAR2 (10)
Shipping.Carrier	Carrier used to ship product.	VARCHAR2 (12)

**Table 15 Report Field Definitions (Continued)**

<b>Field Name</b>	<b>Definition</b>	<b>Data Type and Field Length</b>
Shipping.Method	Shipping method for the product.	VARCHAR2 (10)
ShipTo.Address1	First line of the shipping address.	VARCHAR2 (400)
ShipTo.Address2	Second line of the shipping address.	VARCHAR2 (400)
ShipTo.City	City of the shipping address.	VARCHAR2 (50)
ShipTo.Country	Country of the shipping address.	VARCHAR2 (60)
ShipTo.FirstName	First name of the recipient	VARCHAR2 (60)
ShipTo.LastName	Last name of the recipient.	VARCHAR2 (60)
ShipTo.Phone	Phone number of the recipient.	VARCHAR2 (100)
ShipTo.State	State or province of the shipping address.	VARCHAR2 (25)
ShipTo.Zip	Postal code for the shipping address. The postal code must consist of 5 to 9 digits.	VARCHAR2 (10)
Token.TokenCode	Transaction token code.	VARCHAR2 (255)
Travel.CompleteRoute	Concatenation of individual travel legs.	VARCHAR2 (255)
Travel.DepartureDateTime	Departure date and time of the first leg of the trip.	Date
Travel.JourneyType	Type of travel.	VARCHAR2 (32)
Travel.Number	Offer level or rank of the passenger in the order.	
Travel.PassengerFirstName	Passenger's first name.	VARCHAR2 (60)
Travel.PassengerEmail	Passenger's email address, including the complete domain name.	VARCHAR2 (1500)
Travel.PassengerId	ID of the passenger to whom the ticket was issued.	VARCHAR2 (32)
Travel.PassengerLastName	Passenger's last name.	VARCHAR2 (60)
Travel.PassengerPhone	Passenger's phone number.	VARCHAR2 (100)
Travel.PassengerStatus	Your company's passenger classification, such as with a frequent flyer program.	VARCHAR2 (32)
Travel.PassengerType	Passenger classification associated with the price of the ticket.	VARCHAR2 (32)

## Card-Present Fields

The fields in the table below are available in the Transaction Request Report but only for card-present transactions.

**Table 16 Card-Present Field Definitions for the Transaction Request Report**

Field Name	Definition	Data Type and Field Length
Device.DeviceID	<p>Value created by the client software that uniquely identifies the POS device. This value is provided by the client software that is installed on the POS terminal.</p> <p>CyberSource does not forward this value to the processor. Instead, the value is forwarded to the CyberSource reporting functionality.</p> <p>This field is supported only on American Express Direct and SIX.</p>	String (32)
PaymentData.AcquirerMerchantNumber	<p>Identifier that was assigned to you by your acquirer. This value must be printed on the receipt.</p> <p>This field is supported only on American Express Direct and SIX.</p>	String (15)
PaymentData.CardPresent	<p>Indicates whether the card is present at the time of the transaction. Possible values:</p> <ul style="list-style-type: none"> <li>■ N: Card is not present.</li> <li>■ Y: Card is present.</li> </ul>	String (1)
PaymentData.CardVerificationMethod	<p>Method that was used to verify the cardholder's identity. See "<a href="#">Card-Present Fields</a>," page 39. Possible values:</p> <ul style="list-style-type: none"> <li>■ 0: No verification</li> <li>■ 1: Signature</li> <li>■ 2: PIN</li> </ul> <p>This field is supported only on American Express Direct, OmniPay Direct, and SIX.</p>	Integer (1)



**Table 16 Card-Present Field Definitions for the Transaction Request Report (Continued)**

Field Name	Definition	Data Type and Field Length
PaymentData.EMVRequest Fallback	<p>Indicates that a fallback method was used to enter credit card information into the POS terminal. When a technical problem prevents a successful exchange of information between a chip card and a chip-capable terminal:</p> <ol style="list-style-type: none"> <li>1 Swipe the card or key the credit card information into the POS terminal.</li> <li>2 Use the <b>pos_entryMode</b> field to indicate whether the information was swiped or keyed.</li> </ol> <p>See <a href="#">"Card-Present Fields," page 39</a>. Possible values:</p> <ul style="list-style-type: none"> <li>■ <code>true</code>: Fallback method was used.</li> <li>■ <code>false</code> (default): Fallback method was not used.</li> </ul> <p>This field is supported only on American Express Direct, Chase Paymentech Solutions, GPN, OmniPay Direct, and SIX.</p>	String (5)
PaymentData.Issuer ResponseCode	<p>Additional authorization code that must be printed on the receipt when returned by the processor. This value is generated by the processor and is returned only for a successful transaction.</p> <p>This field is supported only on SIX.</p>	Varchar2 (15)
PaymentData.PinType	<p>Method that was used to verify the cardholder's identity. Possible values:</p> <ul style="list-style-type: none"> <li>■ 0: No verification</li> <li>■ 1: Signature</li> <li>■ 2: PIN</li> </ul> <p>This field is supported only on American Express Direct, OmniPay Direct, and SIX.</p>	Integer (1)

**Table 16 Card-Present Field Definitions for the Transaction Request Report (Continued)**

Field Name	Definition	Data Type and Field Length
PaymentData.POSCat Level	<p>Type of cardholder-activated terminal. Possible values:</p> <ul style="list-style-type: none"> <li>■ 1: Automated dispensing machine</li> <li>■ 2: Self-service terminal</li> <li>■ 3: Limited amount terminal</li> <li>■ 4: In-flight commerce (IFC) terminal</li> <li>■ 5: Radio frequency device</li> <li>■ 6: Mobile acceptance terminal</li> <li>■ 7: Electronic cash register</li> <li>■ 8: E-commerce device at your location</li> <li>■ 9: Terminal or cash register that uses a dial-up connection to the transaction processing network</li> </ul> <p><b>Chase Paymentech Solutions</b> Only values 1, 2, and 3 are supported.</p> <p><b>FDC Nashville Global</b> Only values 7, 8, and 9 are supported.</p> <p><b>GPN</b> Only values 6, 7, 8, and 9 are supported.</p> <p><b>TSYS Acquiring Solutions</b> Only value 6 is supported</p>	Nonnegative integer (1)
PaymentData.POSEntry Mode	<p>Method of entering credit card information into the POS terminal. Possible values:</p> <ul style="list-style-type: none"> <li>■ <code>contact</code>: Read from direct contact with chip card.</li> <li>■ <code>contactless</code>: Read from a contactless interface using chip data.</li> <li>■ <code>keyed</code>: Manually keyed into POS terminal. This value is not supported on OmniPay Direct or SIX.</li> <li>■ <code>msd</code>: Read from a contactless interface using magnetic stripe data (MSD). This value is not supported on OmniPay Direct.</li> <li>■ <code>swiped</code>: Read from credit card magnetic stripe.</li> </ul> <p>The <code>contact</code>, <code>contactless</code>, and <code>msd</code> values are supported only for Europay, Mastercard, and Visa (EMV) transactions.</p>	String (11)

**Table 16 Card-Present Field Definitions for the Transaction Request Report (Continued)**

Field Name	Definition	Data Type and Field Length
PaymentData.POS Environment	<p>Operating environment. Possible values:</p> <ul style="list-style-type: none"> <li>■ 0: No terminal used, or unknown environment.</li> <li>■ 1: On merchant premises, attended.</li> <li>■ 2: On merchant premises, unattended, or cardholder terminal. Examples: oil, kiosks, self-checkout, home computer, mobile telephone, personal digital assistant (PDA). Cardholder terminal is supported only for Mastercard transactions.</li> <li>■ 3: Off merchant premises, attended. Examples: portable POS devices at trade shows, at service calls, or in taxis.</li> <li>■ 4: Off merchant premises, unattended, or cardholder terminal. Examples: vending machines, home computer, mobile telephone, PDA. Cardholder terminal is supported only for Mastercard transactions.</li> <li>■ 5: On premises of cardholder, unattended.</li> <li>■ 9: Unknown delivery mode.</li> <li>■ S: Electronic delivery of product. Examples: music, software, or eTickets that are downloaded over the Internet.</li> <li>■ T: Physical delivery of product. Examples: music or software that is delivered by mail or by courier.</li> </ul> <p>For Mastercard transactions, the only valid values are 2 and 4.</p>	String (1)
PaymentData.Routing NetworkType		

**Table 16 Card-Present Field Definitions for the Transaction Request Report (Continued)**

Field Name	Definition	Data Type and Field Length
PaymentData.StoreAndForwardIndicator	<p>When connectivity is unavailable, the client software that is installed on the POS terminal can store a transaction in its memory and send it for authorization when connectivity is restored. This value is provided by the client software that is installed on the POS terminal.</p> <p>CyberSource does not forward this value to the processor. Instead, the value is forwarded to the CyberSource reporting functionality.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>■ Y (SCMP) / true (SO API)</li> <li>■ N (SCMP) / false (SO API)</li> </ul> <p>This field is supported only on American Express Direct and SIX.</p>	<p>String (1) (SCMP)</p> <p>String (5) (SO API)</p>
PaymentData.TerminalIDAlternate	<p>Identifier for an alternate terminal at your retail location. You define the value for this field.</p> <p>This field is supported only for Mastercard transactions on FDC Nashville Global. Use the <b>pos_terminalID</b> field to identify the main terminal at your retail location. If your retail location has multiple terminals, use this <b>pos_terminalIDAlternate</b> field to identify the terminal used for the transaction.</p> <p>This field is a pass-through; CyberSource does not check the value or modify the value in any way before sending it to the processor.</p>	String (8)

**Table 16 Card-Present Field Definitions for the Transaction Request Report (Continued)**

Field Name	Definition	Data Type and Field Length
Request.PartnerOriginal TransactionID	<p>Value that links the previous transaction to the current follow-on request. This value is assigned by the client software that is installed on the POS terminal, which makes it available to the terminal's software and to CyberSource. Therefore, you can use this value to reconcile transactions between CyberSource and the terminal's software.</p> <p>CyberSource does not forward this value to the processor. Instead, the value is forwarded to the CyberSource reporting functionality.</p> <p>This field is supported only on American Express Direct and SIX.</p>	String (32)
Request.PartnerSDKVersion	<p>Version of the software installed on the POS terminal. This value is provided by the client software that is installed on the POS terminal.</p> <p>CyberSource does not forward this value to the processor. Instead, the value is forwarded to the CyberSource reporting functionality.</p> <p>This field is supported only on American Express Direct and SIX.</p>	String (32)
Request.TerminalSerial Number	<p>Terminal serial number assigned by the hardware manufacturer. This value is provided by the client software that is installed on the POS terminal.</p> <p>CyberSource does not forward this value to the processor. Instead, the value is forwarded to the CyberSource reporting functionality.</p> <p>This field is supported only on American Express Direct and SIX.</p>	String (32)

# Report Fields Available

The tables below list the fields that are available in each New Business Center report. Fields that are automatically included in the report are designated by an asterisk (\*).

## Transaction Request Report

**Table 17 Fields Available in the Transaction Request Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>CardPresent Fields</b>		
Acquirer_MerchantNumber	card_present	Cardnetworkorder
Debit_indicator	EMVRequest_Fallback	IssuerResponseCode
Partner_OriginalTransactionID	Partner_SDKVersion	Pin_Type
POS_CatLevel	POS_ChipPinVerified	POS_ChipSignatureVerified
POS_DeviceID	POS_EntryMode	POS_Environment
POSContactless_transaction	Store_AndForwardIndicator	Terminal_IDAlternate

**Table 17 Fields Available in the Transaction Request Report (Continued)**

Terminal_SerialNumber		
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear

**Table 17 Fields Available in the Transaction Request Report (Continued)**

IssueNumber	MandateId	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPAddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	



**Table 17 Fields Available in the Transaction Request Report (Continued)**

<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Payment Batch Detail Report

**Table 18 Fields Available in the Payment Batch Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>Batch Fields</b>		
BatchDate (*)	BatchID (*)	Status (*)
SuccessFlag		
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult

**Table 18 Fields Available in the Payment Batch Detail Report (Continued)**

AuthorizationCode	AuthorizationType (*)	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentRequestID	PaymentProductCode
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	MandateID	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme

**Table 18 Fields Available in the Payment Batch Detail Report (Continued)**

CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Transaction Exception Detail Report

**Table 19** Fields Available in the Transaction Exception Detail Report

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>Exception Fields</b>		
Action (*)	CYBSExceptionID	ExceptionAmount
ExceptionAmountCurrency	ExceptionCategory (*)	ExceptionDate
ExceptionMessage (*)	ExceptionReasonDescription	ExceptionStatus
ExceptionType (*)	FinancialStatus	LastsActionDate
NextActionDate	OriginalTransaction SubmissionDate	PaymentNumber
ProcessorCaseID	ProcessorResponseCode (*)	ReasonCode (*)
RetryCount		
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName

**Table 19 Fields Available in the Transaction Exception Detail Report (Continued)**

Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType (*)	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	MandateId	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber

**Table 19 Fields Available in the Transaction Exception Detail Report (Continued)**

RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Processor Events Detail Report

**Table 20 Fields Available in the Processor Events Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>Event Fields</b>		
Amount	CurrencyCode	Event (*)
EventDate (*)	ProcessorMessage (*)	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult



**Table 20 Fields Available in the Processor Events Detail Report (Continued)**

CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	MandateID	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted

**Table 20 Fields Available in the Processor Events Detail Report (Continued)**

CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPAddressActivities
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Invoice Summary Report

**Table 21 Fields Available in the Invoice Summary Report**

Invoice Fields		
BillingGroupDescription (*)	NotProcessed (*)	OrganizationID (*)
PerformedServices (*)	Processed (*)	Total (*)

# Processor Settlement Detail Report

**Table 22 Fields Available in the Processor Settlement Detail Report**

Application Fields		
Name	Rcode	Rflag
Rmsg		
BankInfo Fields		
Address	BranchCode	City
Country	Name	SwiftCode
BillTo Fields		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
Check Fields		
AccountEncoderID	SecCode	
Device Fields		
DeviceID		
FundTransfer Fields		
BankCheckDigit	IbanIndicator	
LineItems Fields		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName

**Table 22 Fields Available in the Processor Settlement Detail Report (Continued)**

Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	Mandateld	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber

**Table 22 Fields Available in the Processor Settlement Detail Report (Continued)**

RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>Settlement Fields</b>		
SettlementAmount (*)	SettlementCurrencyCode (*)	SettlementDate (*)
SourceResponseCode	SourceResponseMessage	Status
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Funding Detail Report

**Table 23 Fields Available in the Funding Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>Funding Fields</b>		
CurrencyExchange Description	CurrencyExchangeRate	FeeAmount
FeeCurrency	FeeDescription	FundingAmount (*)
FundingCurrency (*)	FundingDate (*)	FundingProcessorMessage
ProcessorResponseCode	Status	
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		

**Table 23 Fields Available in the Funding Detail Report (Continued)**

AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	Mandateld	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift

**Table 23 Fields Available in the Funding Detail Report (Continued)**

AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	



# Aging Detail Report

**Table 24 Fields Available in the Aging Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode

**Table 24 Fields Available in the Aging Detail Report (Continued)**

DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	Mandateld	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors

**Table 24 Fields Available in the Aging Detail Report (Continued)**

FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Settlement Fields</b>		
SettlementAge (*)	SettlementAmount (*)	SettlementCurrencyCode (*)
SettlementDate (*)	SourceResponseCode	SourceResponseMessage
Status		
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Chargeback and Retrieval Detail Report

**Table 25 Fields Available in the Chargeback and Retrieval Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>ChargebackAndRetrieval Fields</b>		
ARN	AdjustmentAmount	AdjustmentCurrency
CasIdentifier	CaseNumber (*)	CaseTime (*)
CaseType (*)	ChargebackAmount (*)	ChargebackCurrency (*)
ChargebackMessage	ChargebackReasonCode	ChargebackReasonCodeDescription
ChargebackTime (*)	DocumentIndicator	FeeAmount
FeeCurrency	FinancialImpact (*)	FinancialImpactType
MerchantCategoryCode	PartialIndicator	ResolutionTime
ResolvedToIndicator	RespondByDate	TransactionType (*)
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LinItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku

**Table 25 Fields Available in the Chargeback and Retrieval Detail Report**

Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode
BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	Mandateld	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		

**Table 25 Fields Available in the Chargeback and Retrieval Detail Report**

Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip
<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Deposit Detail Report

**Table 26 Fields Available in the Deposit Detail Report**

<b>Deposit Fields</b>		
Amount (*)	Category (*)	Currency (*)
ExchangeRate	ExchangeRateDescription	Identifier (*)
MerchantBankAcctLast4	MerchantBankAcctName	MerchantBankCode
MerchantBankCountry	MerchantBankName	MerchantID (*)
Method (*)	Status (*)	Time (*)
TransferMessage	Type (*)	

# Fee Detail Report

**Table 27 Fields Available in the Fee Detail Report**

<b>Application Fields</b>		
Name	Rcode	Rflag
Rmsg		
<b>BankInfo Fields</b>		
Address	BranchCode	City
Country	Name	SwiftCode
<b>BillTo Fields</b>		
Address1	Address2	City
CompanyName	CompanyTaxID	Country
CustomerID	Email	FirstName
HostName	IPAddress	LastName
MiddleName	NameSuffix	PersonalID
Phone	State	Title
UserName	Zip	
<b>Check Fields</b>		
AccountEncoderID	SecCode	
<b>Device Fields</b>		
DeviceID		
<b>Fee Fields</b>		
AssessmentAmount (*)	AssessmentCurrency (*)	BillingCycle
BillingType (*)	ClearedInterchangeLevel	DiscountAmount (*)

**Table 27 Fields Available in the Fee Detail Report (Continued)**

DiscountCurrency (*)	DiscountRate	DowngradeReasonCode
InterchangeAmount (*)	InterchangeCurrency (*)	InterchangeRate
PerItemFeeAmount	PerItemFeeCurrency	PricedInterchangeLevel
ServiceFeeAmount	ServiceFeeAmountCcy	ServiceFeeFixedAmount
ServiceFeeFixedAmountCcy	ServiceFeeRate	SettlementAmount (*)
SettlementCurrency (*)	SettlementTime (*)	SettlementTimeZone (*)
SourceDescriptor	TotalFeeAmount (*)	TotalFeeCurrency (*)
<b>FundTransfer Fields</b>		
BankCheckDigit	IbanIndicator	
<b>LineItems Fields</b>		
FulfillmentType	InvoiceNumber	MerchantProductSku
Number	ProductCode	ProductName
Quantity	TaxAmount	UnitPrice
<b>MerchantDefinedData Fields</b>		
Field1 - Field20		
<b>PaymentData Fields</b>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult
CardCategory	CardCategoryCode	CurrencyCode
DCCIndicator	ECI	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVPostalCode
EVPostalCodeRaw	EVStreet	EVStreetRaw
EventType	ExchangeRate	ExchangeRateDate
GrandTotal	NetworkTransactionID	NumberOfInstallments
PaymentProcessor	PaymentProductCode	PaymentRequestID
ProcessorResponseCode	ProcessorResponseID	ProcessorTID
RequestedAmount	RequestedAmountCurrency Code	TargetAmount
TargetCurrency	TotalTaxAmount	TransactionRefNumber
XID		
<b>PaymentMethod Fields</b>		
AccountSuffix	BankAccountName	BankCode



**Table 27 Fields Available in the Fee Detail Report (Continued)**

BoletoBarCodeNumber	BoletoNumber	CardType
CheckNumber	ExpirationMonth	ExpirationYear
IssueNumber	Mandateld	MandateType
SignatureDate	StartMonth	StartYear
WalletType		
<b>Profile Fields</b>		
Name	ProfileDecision	ProfileMode
RuleDecision	RuleName	
<b>Recipient Fields</b>		
RecipientBillingAmount	RecipientBillingCurrency	
<b>Request Fields</b>		
Comments	MerchantID (*)	MerchantReferenceNumber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGift
AppliedCategoryTime	AppliedHostHedge	AppliedThreshold
AppliedTimeHedge	AppliedVelocityHedge	BinAccountType
BinCountry	BinIssuer	BinScheme
CodeType	CodeValue	ConsumerLoyalty
ConsumerPasswordProvided	ConsumerPromotions	CookiesAccepted
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPaddressActivities
<b>Sender Fields</b>		
SenderReferenceNumber		
<b>ShipTo Fields</b>		
Address1	Address2	City
Country	FirstName	LastName
Phone	State	Zip

**Table 27 Fields Available in the Fee Detail Report (Continued)**

<b>Shipping Fields</b>		
Carrier	Method	
<b>Token Fields</b>		
TokenCode		
<b>Travel Fields</b>		
CompleteRoute	DepartureDateTime	JourneyType
Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	