

# Reporting

User Guide

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# Recent Revisions to This Document

## 23.01

Removed data length from the `name` field. There is no data length restriction on this field. See [Application Fields \(on page 60\)](#).

## 22.02

This revision contains only editorial changes and no technical updates.

## 22.01

Added [SCA Exemption Fields \(on page 116\)](#).

Updated card BIN digits from six to eight.

## 21.05

Improved description of **industryType** in [Health Care Fields \(on page 83\)](#)

Added health care fields to [Fields with Compound Values \(on page 137\)](#)

## 21.04

Added [Gift Card Fields \(on page 82\)](#).

Added Payment Channels to the tables in [Generating a One-Time Report \(on page 14\)](#) and [Creating a Custom Report Subscription \(on page 19\)](#)

Added notes explaining that file retention and lookback range vary by report. See [File Retention and Lookback Range Information \(on page 13\)](#) and [Lookback Range Periods for On-Demand Reports \(on page 25\)](#).

## 21.03

Added the following payment data fields for subsequent authorizations. See [Payment Data Fields \(on page 90\)](#).

- `SubsequentAuth`

- `SubsequentAuthFirst`
- `SubsequentAuthReason`
- `SubsequentAuthStoredCredential`
- `SubsequentAuthTransactionID`

## 21.02

This revision contains only editorial changes and no technical updates.

## 21.01

Added [Health Care Fields \(on page 83\)](#).



# Getting Started with Business Center Reports

Several reports are automatically enabled for you during the onboarding process, so it is easy to get started with Business Center reporting. You can use the Standard reports as is or you can customize them to fit your needs.

Merchant accounts created in the Business Center before May 2019 are not auto-enabled for Standard reports. For information on enabling these reports, see [Subscribing to Standard Reports \(on page 16\)](#).

The Business Center offers several reporting options for you to access and download your transaction data:

- Standard reports—Track and reconcile your payment activity.
- Custom reports—Use building blocks to create reports for your specific needs.
- Specialized reports—Track and review how you use additional services such as Decision Manager, Account Updater, and Tax Calculation.

These reports are available on the Available Reports page. Each report contains specific fields to help you understand your transaction data:

- [Transaction Request \(on page 58\)](#)—Daily transaction level report that shows details related to individual transactions. Logs all of your Business Center payment gateway activity.
- [Payment Batch Detail \(on page 44\)](#)—Daily transaction level report that shows all of your sales and refunds that were submitted to your payment processor through the Business Center. Tracks which of your transactions have been settled.
- [Payment Events \(on page 46\)](#)—Daily transaction level report that shows payment notifications received from your payment processor (for selected processors). Tracks information related to your transactions such as payment notifications and exceptions.
- [Payment Batch Summary \(on page 45\)](#)—Summary level report that shows the quality and amount of your sales and refunds by currency and payment method.

To learn more about generating and downloading reports, see:

- [Reports Available in the Business Center \(on page 34\)](#)—Provides a complete list of all reports available in the Business Center, including what each report contains, how to find it, and who can use it.
- [Creating and Accessing Downloadable Reports \(on page 11\)](#)—Provides information about downloadable reports, including instructions for creating standard and custom reports.

- [Viewing On-Demand Reports \(on page 25\)](#)—Provides information about reports you can generate on demand.

## Related Information

See the [Reporting Migration Guide](#) and the [Servlet to REST Migration Guide](#) to learn more about:

- Features and reports that changed from the previous version of the Business Center.
- Transitioning to RESTful APIs from the previous programmatic access methods.
- Frequently asked questions.

To get started using the Reporting API to download your data for use in other business systems, see the [Developer Center](#).

# Creating and Accessing Downloadable Reports

The Business Center generates and stores reports to which you subscribed on the Available Reports page. These reports include standard, preconfigured reports that you enabled and any custom reports you created. For a list of fields and descriptions you can include in downloadable reports, see [Report Fields and Descriptions \(on page 59\)](#).

If you previously used the old Business Center, see the [Reporting Migration Guide](#) for more information on switching to new reports. The guide contains details about changes to your old reports.

Partners and account-level users can also create reports that consolidate data for one or all merchants, or a selected group of merchants, in their portfolios.

Some merchants, including those processing alternate payment methods, may have access to financial data. For more information about these types of reports, see [Financial and Reconciliation Reports \(on page 142\)](#).

## How and When Reports Are Generated

You can choose one or both of the following options to create downloadable reports:

- Choose to have your reports built on a regular frequency, such as every day or every week. For example, create a subscription for a daily report covering transactions between 5 p.m. and 5 p.m. The Business Center automatically generates the report daily.
- Create as-needed reports to review your transaction history. For example, configure a one-time (as-needed) report that includes all refund transactions in the month of March 2019. The Business Center immediately begins building the report.

Downloadable reports are created asynchronously, so they are not available immediately after you create them. As soon as the report is generated, the Business Center adds it to the list of Available Reports that you can download. For more information, see [Downloading Available Reports \(on page 13\)](#).

## Report Frequency and Start Time

Report 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 included 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. Pacific Time runs every day and contains transactions that occurred between 5:00 p.m. the previous day and 4:59 p.m. Pacific Time 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. Eastern Time on a Monday contains 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. Pacific Time 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.

## Report Generation Date and Time

The generation date and time of a report varies depending on the amount of time it takes to generate the report. Recurring daily reports for merchants are generated and available for download within six 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. Weekly, monthly, as-needed reports, or reports for partners, might take longer than six hours to generate.

A report's *generate date* reflects the actual date the report is created. The report's *date range* reflects the period of time the report data covers. For example, you can generate a report on:

- May 4, which includes transactions processed between January 1 and January 31.
- February 1, which includes transactions processed between January 1 and January 31.
- May 4, which includes transactions processed only on May 1.

The batch time set in the Production environment is based on your merchant configuration. The batch time set in the Test environment is 12:00 am Pacific Time and cannot be changed.

## Service Level Targets for Generating Reports

Recurring daily reports for merchants are expected to generate within six hours of the start time. For example, if a report starts at 1:00 a.m., it should be available for download by 7:00 a.m.

Reports for account-level users and partners, weekly and monthly reports, and as-needed reports may take longer to generate, based on the amount of data in the report.

## File Retention and Lookback Range Information

File retention period and lookback range vary by report type. Contact your Cybersource representative for more information.

## Downloading Available Reports

You can download any report after the Business Center completes the request and makes your file available. Daily, recurring reports are available for download within six hours of the report start time. Weekly, monthly, and one-time reports might take longer than six hours to generate.

## Downloading Available Reports

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Available Reports**. The Available Reports page appears.
3. Click the tab containing the report you want to download.
4. In the **Download** column, click the file format link. Only reports that have successfully completed generating and contain data include links.
5. Follow your browser's instructions to open and save the file.

## Using Keyword Filters to Locate Reports

Use the Keyword filter in the search toolbar to filter the contents on the Available Reports page. When you enter a string into the keyword filter, the Business Center searches across all columns on the screen.

**Example:** Enter "18" in the Keyword filter to locate any report with "18" in the Report Name, Generate Date, or Date Range fields.

**Example:** Enter “batch” in the Keyword filter to locate any report with “batch” in the Report Name or Report Type fields.

## One-Time Reports

The Business Center enables you to create your one-time reports, which 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, making a recurring subscription 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 are generated.

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 six hours to generate.

The process for creating a report subscription is the same as for creating a one-time report. You can create a one-time report using the following steps. To create a custom subscription, see [Creating New Custom Report Subscriptions \(on page 19\)](#).

## Generating a One-Time Report

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Available Reports**. The Available Reports page appears.
3. On the Custom Reports tab, click **Create Report**. The Create Report Subscription page appears.
4. **Account level (partner) users only:** Under Account Setup, select whether to base the report on data from a specific merchant or a group of merchants; then choose an available value in the Merchants or Groups list or use the default value to include all merchants or groups. For more information about groups, see “Manage Groups” in the online help.
5. Under Basic Report Setup, enter the following:

In this field	Do this
Report Name	Enter the name for your report that best reflects the data you want to capture. Each report must have a unique name containing up to 250 characters.
Report Type	<p>Select the type of report that most closely represents the data or process you want to include. For more information about report types, see <a href="#">"Reports Available in the Business Center."</a> (on page 34)</p> <p>The Business Center automatically includes the most commonly used fields in your report based on this selection. See the next step for more information on how to customize these values.</p>
File Format	Choose whether the Business Center creates the report in XLS or XML format.
Frequency	<p>Choose <b>One-time</b>.</p> <p>To create a recurring report subscription, see <a href="#">Subscribing to Standard Reports</a> (on page 16).</p>

6. To change any of the default fields included in your report, click the **Arrow** icon to expand the Advanced Report Features section, then perform one or more of the following actions (available actions are based on the report type and format you select):

In this field or tab	Do this
Credit Amounts	Check the box if you want credits to appear as negative amounts (for example: -1390.00).
Naming Convention	<p>Select how you want the field names to appear in the report:</p> <ul style="list-style-type: none"> <li>• <b>Simple Order API</b> displays most of the field names in your report in camel case (for example: FirstName)</li> <li>• <b>SCMP</b> displays most of the field names in your report with underscores (for example: first_name)</li> </ul>
Application	<p>Select one or more types of transactions you want to include in the report.</p> <p>Leave blank to include all types.</p>
Connection Method	<p>Select one or more connection methods used to perform the transaction that you want to include in the report.</p> <p>Leave blank to include all types.</p>



In this field or tab	Do this
	Available only for reports that include the <b>Source</b> field.
Payment Channel	<p>Select one or more payment channels used to perform the transaction that you want to include in the report.</p> <p>Leave blank to include all types.</p>
Field Selection	<p>One or more of the following:</p> <ul style="list-style-type: none"> <li>• Enter text matching a field name you want to find in the <b>Search</b> field.</li> <li>• Check the box for one or more fields or field types to include or remove from the report; check the <b>Select All</b> box to add or remove all fields.</li> </ul> <p>Click the <b>Arrow</b> icon in a section to expand or collapse it.</p> <p>In the Selected column, click the <b>Delete</b> icon to remove a field or field type from the report.</p>
Field Ordering	<p>Click and hold the <b>Handle</b> icon to rearrange fields (in the <b>Selected</b> column on the Field Selection tab) into the order in which you want them to appear in the report.</p> <p>This option is only available for CSV output. XML field ordering cannot be guaranteed.</p>

- When you are done, click **Create**. The Available Reports page appears and the new report appears in the Custom Reports List.

## Subscribing to Standard Reports

You can enable or disable a subscription for any standard report. You can also change the frequency and output format of any standard report. The Business Center automatically generates reports for enabled subscriptions and makes them available on the Available Reports page.

To save a standard report as a template, click **Save As** to create a new custom report. You can change the report details of the new report, including subscription cycle and included data. For more information, see [Creating New Custom Report Subscriptions \(on page 19\)](#).

## Modifying a Standard Report Subscription

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Report Subscription Management**. The Report Subscription Management page appears.
3. Click the Standard Report Subscriptions tab. The Standard Report Subscriptions List appears.
4. Select one or more of the following:
  - In the **Enable** column, select the box to activate the subscription; deselect the box to inactivate it.
  - In the **Frequency** column, click the **Down Arrow** icon to modify how often the report is generated.
  - In the Format column, click the **Down Arrow** icon to modify the file format of the report.
  - Click **Save As** to create a new version of the report. For more information, see [Saving Existing Reports as New Subscriptions \(on page 21\)](#).

## Generating Reports for Multi-Currency Transactions

Multi-currency transactions involve a conversion of funds from the currency in which the transaction is processed to the currency actually deposited in the merchant's account. Multi-currency reporting includes exchange rate conversion data so you can reconcile the multi-currency transaction with the corresponding deposit.

You can create reports in the Business Center that include the original and local amounts for each transaction, and the exchange rate applied, by modifying the standard Funding Detail report. When you modify the Funding Detail report, it becomes a new custom report subscription.

Only some acquirers provide multi-currency data. Contact Customer Support to determine if your payment processor supports this feature.

### Creating a Multi-currency Report Subscription

1. Follow the steps in [Subscribing to Standard Reports \(on page 16\)](#) to locate the Funding Detail Report standard report subscription.
2. Click the **Save As** icon. The Save As New Subscription page appears.
3. Click the **Standard Report Subscriptions** tab. The Standard Report Subscriptions List appears, and the **Report Type** list displays [Funding Detail Report](#).

4. Enter a unique report name, and select the frequency and output for your report.

**Global Payment (GPN) merchants:** Because multi-currency data are not delivered to the Business Center before the 5:00 p.m. report generation time, be sure to select the 11:00 p.m. option in the **Subscription Start Time** list.

5. In the **Advanced Report Features** section, click the down arrow. The panel expands.

6. On the **Field Selection** tab, scroll down to the **Funding** fields section, then click the down arrow to expand the section.

7. Add the following Funding fields to the report:

- Exchange Rate
- Exchange Rate Date
- Local Amount
- Local Currency
- Original Amount
- Original Currency

8. Click **Save As**. The Report Subscription Management page appears.

9. To view the new report, click the **Custom Report Subscription** tab.

## Creating Custom Reports

The Business Center enables you to create your own reports based on the type of data you want to track such as authorizations, sales, or refunds. When you create a report subscription, the Business Center provides a default set of fields for you to choose from. You can also add and remove additional fields based on your needs, choose the order in which they appear, and how they display in the report. For a list of fields and descriptions, see [Report Fields and Descriptions \(on page 59\)](#).

You can also set how often you want to generate the custom report (one-time or recurring). Successfully generated reports appear on the Available Reports page. To create a custom report subscription, you can create a brand new subscription or save an existing standard or custom report as a new report.

# New Custom 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. You can maintain up to 20 report subscriptions at any time.

In addition to choosing from available fields, you 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 reports that can be customized. The report type cannot be changed after a report is created.
- **Format:** the format of a generated report (XML or CSV).
- **Frequency:** the frequency at which a report runs (daily, weekly, or monthly).
- **Start time:** the time of day at which a report runs.

The process for creating a report subscription is the same as for creating a one-time report. You can create recurring subscriptions using the following steps. To generate a one-time report, see [Generating One-Time Reports \(on page 14\)](#).

## Creating a Custom Report Subscription

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Report Subscription Management**. The Report Subscription Management page appears.
3. Click the **Custom Report Subscriptions** tab. The Custom Reports Subscriptions List appears.
4. Click **Create Subscription**. The Create Report Subscription page appears.
5. **Account level (partner) users only:** Under Account Setup, select whether to base the report on data from a specific merchant or a group of merchants; then choose an available value in the Merchants or Groups list or use the default value to include all merchants or groups.
6. Under Basic Report Setup, enter the following:

In this field	Do this
Report Name	Enter the name for your report that best reflects the data you want to capture. Each report must have a unique name containing up to 250 characters.

In this field	Do this
Report Type	Select the type of report that most closely represents the data or process you want to include. The Business Center automatically includes the most commonly used fields in your report based on this selection. See the next step for more information on how to customize these values.
File Format	Choose whether the Business Center creates the report in XLS or XML format.
Frequency	<p>Choose <b>Recurring subscription</b> to automatically generate daily, weekly, or monthly reports.</p> <p>To create a one-time report, see <a href="#">Generating One-Time Reports (on page 14)</a>.</p>

7. To change any of the default fields included in your report, click the **Arrow** icon to expand the Advanced Report Features section, and then perform one or more of the following actions (available actions are based on the report type and format you select):

In this field or tab	Do this
Credit Amounts	Check the box if you want credits to appear as negative amounts (for example: -1390.00).
Naming Convention	<p>Select how you want the field names to appear in the report:</p> <ul style="list-style-type: none"> <li>• <b>Simple Order API</b> displays most field names in camel case (for example: FirstName)</li> <li>• <b>SCMP API</b> displays most field names with underscores (for example: first_name)</li> </ul>
Application	<p>Select one or more types of transactions you want to include in the report.</p> <p>Leave blank to include all types.</p>
Connection Method	Select one or more connection methods used to perform the transaction that you want to include in the report.

In this field or tab	Do this
	<p>Leave blank to include all types.</p> <p>Available only for reports that include the <b>Source</b> field.</p>
Payment Channel	<p>Select one or more payment channels used to perform the transaction that you want to include in the report.</p> <p>Leave blank to include all types.</p>
Field Selection	<p>One or more of the following:</p> <ul style="list-style-type: none"> <li>• Enter text matching a field name you want to find in the <b>Search</b> field.</li> <li>• Check the box for one or more fields or field types to include or remove from the report; check the <b>Select All</b> box to add or remove all fields. Click the <b>Arrow</b> icon in a section to expand or collapse it.</li> </ul> <p>In the Selected column, click the <b>Delete</b> icon to remove a field or field type from the report.</p>
Field Ordering	<p>Click and hold the <b>Handle</b> icon to rearrange fields (in the <b>Selected</b> column on the Field Selection tab) into the order in which you want them to appear in the report.</p> <p>This option is only available for CSV output. XML field ordering cannot be guaranteed.</p>

- When you are done, click **Create**. The Manage Report Subscription page appears and the new subscription appears in the Custom Reports Subscriptions List.

## Saving Existing Reports as New Subscriptions

You can choose to save any existing custom report as a new report. This option enables you to copy all the existing values into the new report and to change them to create a new report with a new name.

## Creating a New Report or Subscription Based on an Existing Report

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Report Subscription Management**. The Report Subscription Management page appears.
3. Click the **Custom Report Subscriptions** tab. The Custom Reports Subscriptions List appears.
4. Next to the report you want to copy, click the **Save As** icon. The Save New Subscription page appears.  
Under Account Setup, select whether to base the report on data from a specific merchant or a group of merchants, then choose an available value in the Merchants or Groups list. To create a report that includes all merchants or groups, use the default value.
5. Under Basic Report Setup, enter a unique name for the report.
6. You must change at least one attribute or field to save the new report. Use the steps in [Creating New Custom Report Subscriptions \(on page 19\)](#) as a guideline for modifying report values.
7. When you are done, click **Save As**. The Manage Report Subscription page appears and the new report appears in the Custom Reports Subscriptions List.

## Modifying Custom Report Subscriptions

You can edit the values in a custom report (except the report name and frequency), or delete subscriptions you no longer need. You can also create a new report based on an existing subscription. For more information, see [Saving Existing Reports as New Subscriptions \(on page 21\)](#).

## Edit Report Subscriptions

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Report Subscription Management**. The Report Subscription Management page appears.
3. Click the **Custom Report Subscriptions** tab. The Custom Reports Subscriptions List appears.
4. In the row containing the report you want to edit, click the **Edit** icon. The Edit Report Subscription page appears.
5. You must change at least one attribute or field to save the report. Use the steps in [Creating New Custom Report Subscriptions \(on page 19\)](#) as a guideline for modifying report values.
6. When you are done, click **Edit**.



7. Click **Confirm**. The Custom Report Subscriptions list refreshes with the edits you made applied.

## Deleting Report Subscriptions

1. On the left navigation pane, click the **Reporting** icon.
2. Under Downloadable Reports, click **Report Subscription Management**. The Report Subscription Management page appears.
3. Click the **Custom Report Subscriptions** tab. The Custom Reports Subscriptions List appears.
4. In the row containing the report you want to delete, click the **Delete** icon.
5. Click **Confirm**. The Custom Report Subscriptions list refreshes and removes the subscription.

## Configuring Payment Batch Detail Report Batch Times

You can use the Payment Batch Detail report to monitor the batch submission process and help predict your cash flow/funding timing. The batch date and time represents the date and time that the Business Center batched the transactions to the processors.

To ensure that the report contains the most recently batched transactions, schedule the 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.

There are nuances to consider when scheduling your Payment Batch Detail report because the report contains transactions with a batch date and time that occur within the given interval.

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. Pacific Time.
- Your logical business day ends at 6:00 p.m. Pacific Time.
- Your batch end time is 7:00 p.m. Pacific Time.

In this situation, it would be useful to schedule the report to begin at 8:00 p.m. Pacific Time 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. Eastern Time.
- Your logical business day ends at 11:59 p.m. Eastern Time.

- Your batch cut-off time is 9:00 p.m. Eastern Time.

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. Eastern Time because transactions with a batch date after 10:00 p.m. Eastern Time appear on the following day's batch and report. 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. Eastern Time—a sale is authorized.
- May 3, 9:00 p.m. Eastern Time—the sale is captured (settled).
- May 4, 1:00 a.m. Eastern Time—The Business Center 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.

## Available Report XSDs

The following reports have XSDs to validate downloaded reports. Each report contains both a set of common fields (located here: <https://api.cybersource.com/reporting/v3/xsds/Common>) as well as fields specific to the report:

- Decision Manager Detail:  
<https://api.cybersource.com/reporting/v3/xsds/DecisionManagerDetailReport>
- Payment Batch Detail:  
<https://api.cybersource.com/reporting/v3/xsds/BatchDetailReport>
- Transaction Request:  
<https://api.cybersource.com/reporting/v3/xsds/TransactionRequestReport>
- Processor Events Detail:  
<https://api.cybersource.com/reporting/v3/xsds/EventDetailReport>
- Transaction Exception Detail:  
<https://api.cybersource.com/reporting/v3/xsds/ExceptionDetailReport>

All other reports continue to use DTD format.

# Viewing On-Demand Reports

The Business Center includes several on-demand reports that you can view in your browser, depending on which services you use. You select the date range (lookback range) and associated data to view, and the Business Center generates the report for you. You can export the results of any on-demand report. You can also generate downloadable reports, including setting up your own subscriptions and custom reports. For more information, see [Creating and Accessing Downloadable Reports \(on page 11\)](#).

For information about all reports available in the Business Center, see [Reports Available in the Business Center \(on page 34\)](#).

## Lookback Range Periods for On-Demand Reports

Lookback range varies by report type. Contact your Cybersource representative for more information.

## Payment Batch Summary

The Payment Batch Summary report shows total sales and refunds by currency and payment method. For record-level reporting, see [Payment Batch Detail \(on page 44\)](#). By default the report includes data for one day but you can choose to view data by the week or month. The data can be exported to either a CSV or PDF file.

## Viewing the Payment Batch Summary Report

1. In the left navigation panel, click the **Reporting** icon.
2. Under Transaction Reports, click **Payment Batch Summary**. The Payment Batch Summary Report page appears.
3. In the search toolbar, select the **Frequency** filter you want to include in the report.
4. **Portfolio** users: select the Merchant for whom you want to view data. **Account level** users: select a Merchant to filter by an individual merchant instead of by account values.

5. Based on the Frequency selected, choose the specific day, week, or month you want to review.

Only months that have already occurred in the current year display in the Month list. To view all months of a previous year, select the year first, then choose the desired month. To view results from the period prior to or following the selected period, click **Previous** or **Next** below the search toolbar.

6. Select the Currency code of the transactions you want to include.
7. Click **Export** and choose your desired aggregation options and file format. Export options are based on the frequency selected.
8. Follow your browser's instructions to open and save the file.

## Payer Authorization Summary

You can generate the Payer Authorization Summary report to track enrollment and validation services performance. The report includes the number of transactions and total amount for groups of transactions based on each currency and card type you support. Use the information to estimate how your transactions are screened by payer authentication: successful, attempted, or incomplete. By default, the report includes one data for one day, but you can also choose to view by the week or month.

## Viewing the Payer Authorization Summary Report

1. In the left navigation panel, click the **Reporting** icon.
2. Under Transaction Reports, click **Payer Auth Summary**. The Payer Auth Summary Report page appears.
3. In the search toolbar, select the **Date Range** you want to include in the report. Account level users must select a merchant as well.
4. Based on the Date Range selected, choose the specific day, week, or month you want to review.

Only months that have already occurred in the current year display in the Month list. To view all months of a previous year, select the year first, then choose the desired month.

To view results from the period prior to or following the selected period, click **Previous** or **Next** below the search toolbar.

# Notification of Change

You can view a list of echeck-related values updated as a result of a response to an echeck settlement transaction in the Notification of Change report. Merchants who have an active PGP key can also export this information to a CSV or XML file. By default, the report shows data from the prior day, but you can choose to view by the previous week or month, or by using a custom date range (up to six months).

## Viewing the Notification of Change Report

1. In the left navigation panel, click the **Reporting** icon.
2. Under Transaction Reports, click **Notification of Change**. The Notification of Change page appears.
3. In the search toolbar, select the **Date Range** of transactions to be included in the report. Results are automatically sorted to display **Latest Results First**.
4. To change the view, select **Oldest Results First** in the Sort Order filter.
5. Click **Export** and choose your desired file format.

Export is available only if you have a PGP security key.

6. Follow your browser's instructions to open and save the file.

## Purchase and Refund Details

The Purchase and Refund report includes all purchases and refund transactions, as well as all activities related to transactions resulting in an adjustment to the net proceeds. By default the report shows data from the prior day, but you can choose to view by the previous week or month, or by using a custom period of time (up to 31 days within the previous 18 months).

Additionally, you can view data by either:

- **Request date:** date the transaction was captured.
- **Submission date:** date on which the transaction was sent to the processor (can be later than request date).

This report is only available for selected merchants. For more information about the Purchase and Refund Details report, refer to [Financial and Reconciliation Reports \(on page 142\)](#).

# Viewing the Purchase and Refund Details Report

1. In the left navigation panel, click the **Reporting** icon.
2. Under Financial Reports, click **Purchase & Refund Details**. The Purchase & Refund Details page appears.
3. In the search toolbar, select:
  - **Merchant** data you want to view.
  - **Date Range** you want to include in the report.
  - **View By** and choose which date on which to base the report.
4. Click one of the following tabs to view data details:
  - Request
  - Settlement
  - Authorization
  - Fees & Funding
  - Others
5. For any transaction, click the **Request ID** link to view the Transaction Details page.
6. Click **Export** to download a file containing transactions in the list, then choose desired format.
7. Follow your browser’s instructions to open and save the file.

## Fields in the Chargeback Report

For descriptions and mapping details about Chargeback report fields, see [Fields and Descriptions for Downloadable Reports \(on page 59\)](#).

### Fields in the Chargeback Report

Field Name
RequestId
TrackingNumber
MerchantName
CyberSourceId
ProcessorMerchantId

**Fields in the Chargeback Report (continued)**

Field Name
TransactionReferenceNumber
MerchantReferenceNumber
NatureOfDispute
CBAAlertType
CBAmount
CurrencyCode
CBSign
CBAAction
CBAActionDescription
CardType
OriginalSettlementDate
CBDate
CBReasonCode
ResponseDueDate
CustomerId
Application

**Chargeback Report Fields**

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



**Chargeback Report Fields (continued)**

Phone	State	Title
UserName	Zip	
<b>ChargebackAndRetrieval Fields</b>		
ARN	AdjustmentAmount	AdjustmentCurrency
CaseIdentifier	CaseNumber (*)	CaseTime (*)
CaseType (*)	ChargebackAmount (*)	ChargebackCurrency (*)
ChargebackMessage	ChargebackOriginalAmount	ChargebackOriginalCurrency
ChargebackReasonCode	ChargebackReasonCode Description	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>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

**Chargeback Report Fields (continued)**

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	RequestedAmountCurrencyCode	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	

**Chargeback Report Fields (continued)**

<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

**Chargeback Report Fields (continued)**

Number	PassengerEmail	PassengerFirstName
PassengerId	PassengerLastName	PassengerPhone
PassengerStatus	PassengerType	

# Reports Available in the Business Center

This section includes an alphabetical listing of all reports available in the Business Center. Each report includes a description, availability, locations, and instructions for learning more. The availability of some reports is based on the services or products you use.

Some users may also have access to financial data. For more information about reports containing this type of data, see [Financial and Reconciliation Reports \(on page 142\)](#).

## Account Updater Reply File

### Account Updater Reply File

What is it?	Results of account updater batch file. The updates include expiration dates, credit card numbers, and brands.
Who can use it?	Merchants using Account Updater product. For more information about using Account Updater, see the <a href="#">Account Updater User Guide</a> .
What do I use it for?	—
What kind of report is it?	Downloadable Third-Party report
Where do I find it?	On the left navigation pane, under Reports, click <b>Downloadable Reports</b> , then <b>Available Reports</b> . Click <b>Third Party Reports</b> , then click the file you want to open.
Which APIs can I use to get the data?	Secure File Share API
How do I create one?	File is created automatically for Account Updater users.

## Batch Upload Reply File

### Batch Upload Reply File

What is it?	Contains transactions processed via offline transaction file submission. File name is either:
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### Batch Upload Reply File (continued)

	<ul style="list-style-type: none"><li>• Reply.All</li><li>• Reply.Rejected</li></ul>
Who can use it?	Merchants using Offline Transaction File Submission product. For more information, see <a href="#">Offline Transaction File Submission Implementation Guide</a> .
What do I use it for?	—
What kind of report is it?	Downloadable Third-Party report
Where do I find it?	On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Third Party Reports</b> , then click the file you want to open.
Which APIs can I use to get the data?	Secure File Share API
How do I create one?	File is created automatically for Offline Transaction File Submission users.

## Conversion Detail (Downloadable)

### Conversion Detail Report - Downloadable

What is it?	Results of converted orders for each reviewer.
Who can use it?	For more information about using Decision Manager, see the Decision Manager Documentation tab in the Business Center.
What do I use it for?	Provides information for all orders that were not immediately accepted but instead flagged for review. Contains all transactions that were decisioned in selected time period.
What kind of report is it?	Downloadable Custom report  For information about the on-demand version of this report, see <a href="#">Conversion Detail (On-Demand) (on page 36)</a> .
Where do I find it?	On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.

### Conversion Detail Report - Downloadable (continued)

	You can also customize the report on the Report Subscription Management page.
Which APIs can I use to get the data?	Reporting API ( <a href="/reporting/v3/report-downloads">/reporting/v3/report-downloads</a> )
How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .

Report fields can be modified. Report field names in bold are required.

### Fields Included in Standard Conversion Detail Report

Field Type	Field Name
Conversion	<b>ConversionDate</b>
Request	<b>MerchantReferenceNumber</b>
	<b>RequestID</b>

## Conversion Detail (On-Demand)

### Conversion Detail Report - On-Demand

What is it?	This report contains the results of the converted orders for each reviewer. This information gives you an overview of all orders that were not immediately accepted.
Who can use it?	Merchants using Decision Manager. For more information, see the Decision Manager tab in the Business Center.
What do I use it for?	Provides information for all orders that were not immediately accepted but instead flagged for review. Contains all transactions that were decided in selected time period.
What kind of report is it?	On-Demand Report (Decision Manager only)
Where do I find it?	On the left navigation pane, click <b>Reports</b> , then click <b>Conversion Detail</b> .
Which APIs can I use to get the data?	Reporting API



### Conversion Detail Report - On-Demand (continued)

How do I create one?	For more information, see <a href="#">Viewing On-Demand Reports (on page 25)</a> .
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Report fields cannot be modified.

#### Fields Included in On-Demand Conversion Detail Report

Field Name
<url_prefix>
<startTime>
<endTime>
<organizationID>

## Decision Manager Detail

#### Decision Manager Detail Report

What is it?	Data from selected fields for Decision Manager orders within a specific period of time. The report consists of the data from the fields you select. Three default fields are preselected (Merchant ID, Request ID, and Transaction Date) and cannot be deselected.
Who can use it?	Merchants using Decision Manager. For more information, see the Decision Manager Documentation tab in the Business Center.
What do I use it for?	View details of Decision Manager orders.
What kind of report is it?	Downloadable Custom report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—

### Decision Manager Detail Report (continued)

How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .
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## Decision Manager Events Detail

### Decision Manager Events Detail Report

What is it?	Selected fields for Decision Manager account login, creation, and update events. Report fields can be modified.
Who can use it?	Merchants using Decision Manager. For more information, see the Decision Manager Documentation tab in the Business Center.
What do I use it for?	Download and analyze account creation and login and account update event details.
What kind of report is it?	Downloadable Custom report
Where do I find it?	<p>On the left navigation pane, under Available Reports, click Downloadable Reports, then Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .

## Fee Detail

### Fee Detail Report

What is it?	Transaction-level fees as reported by the payment processor.
Who can use it?	Merchants using a payment processor that shares data with the Business Center. Can also be consolidated at the account or partner level.

### Fee Detail Report (continued)

	For more information, see <a href="#">Fee Details Report (on page 151)</a> .
What do I use it for?	Understand transaction-level fees in order to perform financial reconciliation.
What kind of report is it?	Downloadable Custom Report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also create a report subscription on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	Reporting API ( <a href="/reporting/v3/report-downloads">/reporting/v3/report-downloads</a> )
How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .

Report fields can be modified. Report field names in bold are required.

### Fields included by default in Fee Detail Report

Field Type	Field Name
Fee	<b>AssessmentAmount</b>
	<b>AssessmentCurrency</b>
	<b>BillingType</b>
	<b>DiscountAmount</b>
	<b>DiscountCurrency</b>
	<b>InterchangeAmount</b>
	<b>InterchangeCurrency</b>
	<b>SettlementAmount</b>
	<b>SettlementCurrency</b>
	<b>SettlementTime</b>
	<b>SettlementTimeZone</b>
	<b>TotalFeeAmount</b>
	<b>TotalFeeCurrency</b>
Request	<b>MerchantID</b>

## Fields included by default in Fee Detail Report (continued)

Field Type	Field Name
	RequestID
	TransactionDate

## Invoice Summary

### Invoice Summary Report

What is it?	Total count of billable transactions by application type.
Who can use it?	Any merchant. Can also be consolidated at the account or partner level.
What do I use it for?	View the count of billable transactions.
What kind of report is it?	Downloadable Standard report
Where do I find it?	On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.  You can also create a report subscription on the Report Subscription Management page.
Which APIs can I use to get the data?	Reporting API ( <a href="/reporting/v3/report-downloads">/reporting/v3/report-downloads</a> )
How do I create one	For more information, see <a href="#">Subscribing to Standard Reports (on page 16)</a> .

Report fields cannot be modified.

### Fields Included in Standard Invoice Summary Report

Field Type	Field Name
Invoice	OrganizationID
	PerformedServices
	BillingGroupDescription
	Processed
	NotProcessed

## Fields Included in Standard Invoice Summary Report (continued)

Field Type	Field Name
	Total

## JP Transaction

### JP Transaction Report

What is it?	Report that contains details specific to transactions processed using the JCN gateway.
Who can use it?	Merchants using JCN gateway and who are enabled for JP reports.
What do I use it for?	View transactions submitted to the payment processor.
What kind of report is it?	Downloadable Custom report
Where do I find it?	On the left navigation pane, under <b>Reports</b> , click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.  You can also customize the report on the Report Subscription Management page.
Which APIs can I use to get the data?	Reporting API (/reporting/v3/report-downloads)
How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .

## Notification of Change

### Notification of Change Report

What is it?	Report that includes echeck-related fields updated as a result of a response to an echeck settlement transaction.
Who can use it?	Enabled for merchants processing echecks on certain gateways.
What do I use it for?	MA merchants: report contains transactions that GPN has reported as funded.

### Notification of Change Report (continued)

	Non-MA merchants: report contains batched transactions.
What kind of report is it?	On-Demand report
Where do I find it?	On the left navigation pane, click <b>Reports</b> . Under Transaction Reports, click <b>Notification of Change</b> .
Which APIs can I use to get the data?	Reporting API ( <a href="/reporting/v3/report-downloads">/reporting/v3/report-downloads</a> )
How do I create one?	For more information, see <a href="#">Notification of Change (on page 27)</a> .

### Fields in the Notification of Change Report

Field Name
Merchant Reference Number
Transaction Reference Number
NOC Date
NOC Code
Updated Account Type
Updated Routing Number
Updated Account Number
Updated Consumer Name

## Payer Authentication Detail

### Payer Authentication Detail Report

What is it?	Detail-level report that includes the number of transactions and total amount for groups of transactions based on each currency and card type you support.
Who can use it?	—

### Payer Authentication Detail Report (continued)

What do I use it for?	—
What kind of report is it?	Downloadable Custom report
Where do I find it?	On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.  You can also customize the report on the Report Subscription Management page.
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .

Report fields can be modified. Report field names in bold are required.

### Fields Included in Standard Payer Authentication Detail Report

Field Type	Field Name
PayerAuthDetailRequest	<b>DSTransactionID</b>
	<b>MerchantID</b>
	<b>RequestID</b>
	<b>TransactionDate</b>

## Payer Authentication Summary

### Payer Authentication Summary Report

What is it?	Summary-level report of data contained in Payer Authentication Detail report.
Who can use it?	Merchants and account-level users enabled for Payer Auth service.
What do I use it for?	View recent activity in graphical format.
What kind of report is it?	On-Demand report

### Payer Authentication Summary Report (continued)

Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	<p>On the left navigation pane, click <b>Reports</b>. Under Transaction Reports, click <b>Payer Auth Summary</b>.</p>

## Payment Batch Detail

### Payment Batch Detail Report

What is it?	Daily transaction level report that surfaces all of sales and refunds that have been submitted to your payment processor.
Who can use it?	—
What do I use it for?	Understand which of your transactions have been settled.
What kind of report is it?	Downloadable report with Standard and Custom options.
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Downloading Available Reports (on page 13)</a> or <a href="#">Creating Custom Reports (on page 18)</a> .



For more information, see [Configuring Payment Batch Detail Report Batch Times \(on page 23\)](#). Report fields can be modified. Report field names in bold are required.

#### Fields Included in Standard Payment Batch Detail Report

Field Type	Field Name
Batch	<b>BatchDate</b>
	<b>BatchID</b>
	<b>Status</b>
Request	LocalizedRequestDate
	<b>MerchantID</b>
	<b>RequestID</b>
	<b>TransactionDate</b>

## Payment Batch Summary

#### Payment Batch Summary Report

What is it?	On-demand summary level report that includes a count and amount of your sales and refunds by currency and payment method.
Who can use it?	<b>Account level</b> users: <ul style="list-style-type: none"><li>• Total account value (sum of all merchants) or individual merchants in your account</li><li>• Can view aggregated account-level data or merchant-by-merchant</li></ul> <b>Portfolio</b> users: <ul style="list-style-type: none"><li>• Account value for individual merchants in your account</li></ul> <b>Merchant</b> users: <ul style="list-style-type: none"><li>• Total value of your account</li></ul>
What do I use it for?	Get a quick overview of your payment activity.

### Payment Batch Summary Report (continued)

What kind of report is it?	On-Demand report
Where do I find it?	On the left navigation pane, click <b>Reports</b> , then Payment Batch Summary Report.
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Payment Batch Summary (on page 25)</a> .

## Payment Events

### Payment Events Report

What is it?	Daily transaction level report that surfaces payment notifications received from your processor (for selected processors).
Who can use it?	Merchants whose processors share data with the Business Center. Can also be consolidated at the account or partner level.
What do I use it for?	Track information related to your transactions such as payment notifications, or exceptions.
What kind of report is it?	Downloadable Custom report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	Reporting API ( <a href="#">/reporting/v3/report-downloads</a> )
How do I create one?	For more information, see <a href="#">Downloading Available Reports (on page 13)</a> .

# Point of Sale (POS) Terminal Exception

## Point of Sale Exception Report

What is it?	POS transactions that could not be processed (transaction failed before reaching gateway).
Who can use it?	Merchants processing transactions using Payworks.
What do I use it for?	View transactions that failed at the point of sale.
What kind of report is it?	On-Demand report
Where do I find it?	On the left navigation pane, click <b>Reports</b> , then click <b>POS Terminal Exception</b> .
Which APIs can I use to get the data?	—
How do I create one?	—

Report fields cannot be modified.

## Fields Included in POS Terminal Exception Report

Field Type	Field Name
POSTerminalExceptions	SchemeOperator
	ProcessorMID
	TerminalID
	TransactionDate
	DCCLookupStatus
	LocalCurencyCode
	DCCExchangeRate
	DCCMarginRate
	PartnerOriginalTransacti onID
	PartnerMerchantID
	PartnerMerchantName
	CardVerificationMethod

## Fields Included in POS Terminal Exception Report (continued)

Field Type	Field Name
	StorageMechanism
	DeviceHardwareRevision
	DeviceID
	DeviceTerminalID
	ClientID
	DeviceOS
	DeviceOSVersion
	SDKVersion
	ExceptionCategory
	ExceptionStatusCode
	ExceptionDescription
	MerchantID
	Amount
	FirstName
	LastName
	ExpirationMO
	ExpirationYR
	AccountSuffix
	CurrencyCode

## Processor Events Detail

### Processor Events Detail Report

What is it?	Payment notifications received from the processor for a variety of payment events.
Who can use it?	—
What do I use it for?	—

### Processor Events Detail Report (continued)

What kind of report is it?	Downloadable with Standard and Custom options.
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Downloading Available Reports (on page 13)</a> or <a href="#">Creating Custom Reports (on page 18)</a> .

Report fields can be modified. Report field names in bold are required.

### Fields Included in Standard Processor Events Detail Report

Field Type	Field Name
Event	<b>Event</b>
	<b>EventDate</b>
	<b>ProcessorMessage</b>
Request	LocalizedRequestDate
	<b>MerchantID</b>
	<b>RequestID</b>
	<b>TransactionDate</b>

## Processor Settlement Detail

### Processor Settlement Detail Report

What is it?	All settlement responses sent by your acquirer, listed by transaction and status. Settlement requests are sent in batches. This report shows the response details.
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### Processor Settlement Detail Report (continued)

Who can use it?	Customers using an Alternate Payment integration with the Financial Service Provider (FSP) model.
What do I use it for?	Financial reconciliation
What kind of report is it?	—
Where do I find it?	Generated reports appear in the Custom tab of the Available Reports page.
Which APIs can I use to get the data?	—
How do I create one?	Customers with a supported processor can select the type from the “Report Type” drop-down when creating a report with the Create Report/Create Report Subscription page.

## Recurring Billing Detail Report

### Subscription Detail Report

What is it?	Detailed information about recurring billing transactions.
Who can use it?	Users with applicable permissions.
What do I use it for?	Analyzing recurring billing transactions.
What kind of report is it?	Downloadable Standard report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also create a report subscription on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	<p>The REST API</p> <p>Endpoint: <a href="/reporting/v3/reports">/reporting/v3/reports</a></p>

## Subscription Detail Report (continued)

How do I create one?	For more information, see <a href="#">Subscribing to Standard Reports (on page 16)</a> .
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## Subscription Detail

### Subscription Detail Report

What is it?	Detailed information about on-demand customer profiles and transactions.
Who can use it?	—
What do I use it for?	—
What kind of report is it?	Downloadable Standard report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also create a report subscription on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Subscribing to Standard Reports (on page 16)</a> .

### Fields Included in Subscription Detail Report

Field Type	Field Name
Subscriptions	CustomerAccountID
	RecurringPaymentEventAmount
	RecurringPaymentAmount
	SubscriptionTitle
	SubscriptionStatus
	SubscriptionPaymentMethod
	RecurringStartDate

### Fields Included in Subscription Detail Report (continued)

Field Type	Field Name
	RecurringNumberOfPayments
	RecurringFrequency
	RecurringApprovalRequired
	RecurringPaymentEventApprovedBy
	RecurringAutomaticRenew
	SetupFee
	SetupFeeCurrency
	SubscriptionType
	LastSubscriptionStatus
	NextScheduledDate
	EventRetryCount
	PaymentsSuccess
	PaymentSuccessAmount
	InstallmentSequence
	InstallmentTotalCount
	RequestID
	SubscriptionID
	TransactionDate
	MerchantRefNo
	TransRefNo
	EcommerceIndicator
	BillToFirstName
	BillToLastName
	BillToAddress1
	BillToAddress2
	BillToCity
	BillToState
Subscriptions (continued)	BillToZip



## Fields Included in Subscription Detail Report (continued)

Field Type	Field Name
	BillToCountry
	BillToCompanyName
	BillToEmail
	ConsumerPhone
	IPAddress
	ShipToFirstName
	ShipToLastName
	ShipToAddress1
	ShipToAddress2
	ShipToCity
	ShipToState
	ShipToZip
	ShipToCountry
	ShipToCompanyName
	CardType
	CustomerCCExpiryMonth
	CustomerCCExpiryYear
	CustomerCCStartMonth
	CustomerCCStartYear
	CustomerCCIssueNo
	CustomerCCAccountSuffix
	CustomerCCSubTypeDescription
	CustomerCCRoutingNumber
	Applications
	PaymentProcessor
	CurrencyCode
	ReasonCode
	AuthRCode
	AuthCode

### Fields Included in Subscription Detail Report (continued)

Field Type	Field Name
	AuthType
	AuthAVSResults
	AuthResponseCode
	AuthCardVerificationResult
	RCode
Subscriptions (continued)	RFlag
	RMsg
	RequestToken
	MerchantDefinedData1
	MerchantDefinedData2
	MerchantDefinedData3
	MerchantDefinedData4
	TaxAmount
	Comments
	MerchantSecureData1
	MerchantSecureData2
	MerchantSecureData3
	MerchantSecureData4
	MerchantID

## Tax Detail

### Tax Detail Report

What is it?	Jurisdiction-level tax data derived from your tax calculation service (ics_tax) requests and associated tax determination responses, as returned by the tax engine.
Who can use it?	—
What do I use it for?	—

### Tax Detail Report (continued)

What kind of report is it?	Downloadable Standard report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also create a report subscription on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Subscribing to Standard Reports (on page 16)</a> .

Report fields cannot be modified.

### Fields Included in Tax Detail Report

Field Type	Field Name
Tax	RequestID
	MerchantID
	MerchantReferenceNumber
	InvoiceDate
	OrderAcceptanceCity
	OrderAcceptanceCountry
	OrderAcceptancePostalCode
	OrderAcceptanceState
	ProductCode
	ProductName
	MerchantProductSKU
	Quantity
	ReportingDate
	ShipFromCity
	ShipFromCountry

### Fields Included in Tax Detail Report (continued)

Field Type	Field Name
Tax, continued	ShipFromPostalCode
	ShipFromState
	ShipToCity
	ShipToCountry
	ShipToPostalCode
	ShipToState
	ShipToAddress1
	TransactionType
	UnitPrice
	Country
	TaxAmount
	TaxName
	CurrencyCode
	JurisdictionName
	JurisdictionType
	JurisdictionCode
	LineItemAmount
	LineItemExemptAmount
	TaxableAmount
	JurisdictionRate
	State
	SequenceNumber
	Status

## Transaction Exception Detail

### Transaction Exception Detail Report

What is it?	Details failures that happen after a follow-on transaction is submitted to the payment gateway.
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### Transaction Exception Detail Report (continued)

Who can use it?	Available to all merchants.
What kind of report is it?	Downloadable with Standard and Custom options.
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Downloading Available Reports (on page 13)</a> or <a href="#">Creating Custom Reports (on page 18)</a> .

Report fields can be modified. Report field names in bold are required.

### Fields Included in Standard Transaction Exception Detail Report

Field Type	Field Name
Exception	<b>Action</b>
	<b>ExceptionCategory</b>
	<b>ExceptionMessage</b>
	<b>ExceptionType</b>
	<b>ProcessorResponseCode</b>
	<b>ReasonCode</b>
Request	LocalizedDate
	<b>MerchantID</b>
	<b>RequestID</b>
	<b>TransactionDate</b>

# Transaction Request

## Transaction Request Report

What is it?	Daily transaction level report that surfaces details related to each individual transaction. Report fields can be modified.
Who can use it?	Available to all organizations.
What kind of report is it?	Downloadable Custom report
Where do I find it?	<p>On the left navigation pane, under Reports, click Downloadable Reports, then Available Reports. Click <b>Create Report</b> to create a new report.</p> <p>You can also customize the report on the Report Subscription Management page.</p>
Which APIs can I use to get the data?	—
How do I create one?	For more information, see <a href="#">Creating Custom Reports (on page 18)</a> .

Report fields can be modified. Report field names in bold are required.

## Fields Included in Standard Transaction Request Report

Field Type	Field Name
Request	LocalizedDate
	<b>MerchantID</b>
	<b>RequestID</b>
	<b>TransactionDate</b>

# Report Fields and Descriptions

This section includes report field names and descriptions for downloadable reports and card-present transactions, and field names with compound values.

## Fields and Descriptions for Downloadable Reports

Available reporting fields that can be used in downloadable reports are shown in this section and organized by field type. For example, billing, settlement, and tokens. If available, additional details, including description, field format, and mapped values, are included.

Fields available for reporting in Decision Manager are indicated by “(Decision Manager)” in the section’s table title.

For more information, see [Creating and Accessing Downloadable Reports \(on page 11\)](#).

## Advanced Fraud Screen (AFS) Fields

**Advanced Fraud Screen Fields (Decision Manager)**

Field Name	Definition
Factors	Information that affected score of the order.
HostSeverity	Risk associated with customer's email domain.
InfoCodeString	List of information codes triggered by the order.
IPAddress	Customer’s IP address.
IPCountry	Name of the country decoded from IP address.
IPRoutingMethod	Routing method decoded from IP address.
IPState	Name of the state decoded from IP address.
Model	Name of score model used for the transaction.

## Advanced Fraud Screen Fields (Decision Manager) (continued)

Field Name	Definition
Score	Total score calculated for the order.

## Application Fields

### Application Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
Name	Name of application used.	VARCHAR2	Name	ics_applications
Rcode	One-digit code indicating whether the entire request was successful.	Number (12)	Rcode	ics_rcode
ReasonCode	—	—	ReasonCode	—
Rflag	One-word description of the result of the entire request.	VARCHAR2 (50)	Rflag	ics_rflag
Rmsg	Message that explains the <ics_rflag> value.	VARCHAR2 (255)	Rmsg	ics_rmsg

## Authorization Results Fields

### Authorization Results Fields

Field Name	Definition	Data Type (Length)
AVSResult	Optional results of address verification test.	—
CVVResult	Optional results of card verification number test.	—



## Bank Information Fields

### Bank Information Fields

Field Name	Definition	Data Type (Length)	SCMP Value
Address	Bank's address.	VARCHAR2 (50)	bank_address
BranchCode	Code that identifies the branch of the customer's bank when you are not using the IBAN.	VARCHAR2 (50)	branch_code
City	City in which the bank is located.	VARCHAR2 (50)	bank_city
Country	Country in which the bank is located.	VARCHAR2 (50)	bank_country
Name	Bank's name.	VARCHAR2 (50)	bank_name
SwiftCode	Bank's SWIFT code. Unique address of the bank. Also known as the Bank Identification Code (BIC).	VARCHAR2 (50)	bank_swift_code

## Batch Fields

### Batch Fields

Field Name	Definition	Data Type (Length)	SCMP Value
BatchDate	Date when the batch was sent to the processor.	Date	batch_date
BatchID	Identifier for the batch in which the transaction was sent.	VARCHAR2 (8)	batch_id
Status	Status of batch file.	VARCHAR2 (10)	status
SuccessFlag	Indicates whether batch file processing was successful.	VARCHAR	—

## Bill To Fields

### Bill To Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
Address1	First line of the billing street address as it appears on the credit card issuer's records.	VARCHAR2 (400)	billTo_street1	bill_address1
Address2	Additional address information.	VARCHAR2 (400)	billTo_street2	bill_address1
City	City of the billing address.	VARCHAR2 (50)	billTo_city	bill_city
CompanyName	Name of the customer's company.	VARCHAR2 (60)	billTo_company	company_name
CompanyTaxID	Tax identification number of customer's company.	VARCHAR2 (9)	billTo_companyTaxID	bill_company_tax_id
Country	Country of the billing address.	VARCHAR2 (2)	billTo_country	bill_country
CustomerID	Your identifier for the customer.	VARCHAR2 (30)	billTo_customerID	customer_account_id
Email	Customer's email address, including the full domain name.	VARCHAR2 (1500)	billTo_email	customer_email
FirstName	First name of the billed customer.	VARCHAR2 (60)	billTo_firstName	customer_firstname
HostName	DNS resolved hostname from billTo_ipAddress.	VARCHAR2 (255)	billTo_hostname	customer_hostname
IPAddress	Customer's IP address.	VARCHAR2 (15)	billTo_ipAddresses	customer_ipaddresses
LastName	Last name of the billed customer.	VARCHAR2 (60)	billTo_lastName	customer_lastname
MiddleName	Middle name of the billed customer.	VARCHAR2 (60)	billTo_middleName	customer_middlename

**Bill To Fields (continued)**

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
NameSuffix	Suffix of billed customer.	VARCHAR2 (60)	billTo_suffix	customer_suffix
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_personalID	personal_id
Phone	Customer's phone number.	VARCHAR2 (100)	billTo_phoneNumber	customer_phone
State	State or province of the billing address.	VARCHAR2 (64)	billTo_state	bill_state
Title	Title of the billed customer.	VARCHAR2 (30)	billTo_title	customer_title
UserName	Customer's user name.	VARCHAR2 (30)	billTo_customerUserName	customer_username
Zip	Zip/Postal code for the billing address. The postal code must consist of 5 to 9 digits.	VARCHAR2 (10)	billTo_postalCode	bill_zip

## Case Management Fields

**Case Management Fields (Decision Manager)**

Field Name	Definition
ActiveNumberOfRules	Indicates the number of rules in use in the profile.
ActiveProfileDecision	Decision of active profile.

### Case Management Fields (Decision Manager) (continued)

Field Name	Definition
ActiveProfileName	Name of the active profile.
ActiveProfileScore	Score of the active profile.
ActiveRuleDecision	Summarizes the active rule decision.
ActiveRuleName	Name of active rule as it appears in Profile Editor.
ActiveRuleScore	Score of the active rules.
OwnerOrganization	Organization name of the reviewer assigned to the order.
OwnerUsername	Specific reviewer assigned to the order.
PassiveNumberOfRules	Indicates the number of rules in use in the profile.
PassiveProfileDecision	Decision of passive profile.
PassiveProfileName	Name of the passive profile.
PassiveProfileScore	Score of the passive profile.
PassiveRuleDecision	Summarizes the passive rule decision.
PassiveRuleName	Name of passive rule as it appears in Profile Editor.
PassiveRuleScore	Score of the passive rules.
Priority	Degree of importance assigned to the order.
Queue	Order queue selected.
ReviewDate	Date and time of final decision.
ReviewDecision	Summarizes final outcome for the order.
ReviewNotes	Comments made by reviewer about the order.

## Chargeback and Retrieval Fields

### Chargeback and Retrieval Fields

Field Name	Definition	Data Type (Length)
AdjustmentAmount	Amount of the chargeback adjustment.	Number
AdjustmentCurrency	Currency of the chargeback adjustment.	VARCHAR2 (3)
AdjustmentARN	Association reference number.	VARCHAR2 (64)

**Chargeback and Retrieval Fields (continued)**

Field Name	Definition	Data Type (Length)
CaseIdentifier	Numerical identifier created to represent a unique chargeback, representment, or other exception.	Number
CaseNumber	Processor-assigned case number.	VARCHAR2 (64)
CaseTime	The date that the case was opened.	Date
CaseType	Description of the case type.	VARCHAR
ChargebackAmount	Amount of the chargeback.	Number
ChargebackCurrency	Chargeback currency code.	VARCHAR2 (3)
ChargebackMessage	Text message from the issuer explaining the reason for the chargeback or other exception.	VARCHAR2 (64)
ChargebackReasonCode	Association chargeback reason code.	VARCHAR2 (10)
ChargebackReasonCode Description	Text description of the reason code.	VARCHAR2 (64)
ChargebackTime	The date that the chargeback was originated by the issuing bank.	Date
DocumentIndicator	Indicates whether or not there are associated documents. Possible values: <ul style="list-style-type: none"><li>• <a href="#">Y</a></li><li>• <a href="#">N</a></li></ul>	VARCHAR2 (1)
FeeAmount	Amount of the chargeback exception fee.	Number
FeeCurrency	Currency code for the chargeback exception fee.	VARCHAR2 (3)
FinancialImpact	Indicates whether or not there is a financial impact. Possible values:	VARCHAR2 (1)

### Chargeback and Retrieval Fields (continued)

Field Name	Definition	Data Type (Length)
	<ul style="list-style-type: none"><li>• <a href="#">Y</a></li><li>• <a href="#">N</a></li></ul>	
FinancialImpactType	Debit, credit, or none.	VARCHAR2 (2)
MerchantCategoryCode	Four-digit number that the payment card industry uses to classify merchants into market segments.	VARCHAR2 (4)
PartialIndicator	Flag indicating whether the transaction is enabled for partial chargeback.	VARCHAR2 (1)
ResolutionTime	Resolution time in UTC.	Date
ResolvedToIndicato	Indicates resolved to status of transaction. Possible values: <ul style="list-style-type: none"><li>• <a href="#">B</a> (bank)</li><li>• <a href="#">M</a> (merchant)</li><li>• <a href="#">S</a> (split)</li><li><a href="#">G</a> (general ledger)</li></ul>	VARCHAR2 (20)
RespondByDate	Date by which item must be submitted to the chargeback processor to allow sufficient time for representment.	Date
TransactionType	Capture type of the original transaction.	VARCHAR2 (6)

## Check Fields

### Check Fields

Field Name	Definition	Data Type (Length)
BankTransitNumber	—	—

### Check Fields (continued)

Field Name	Definition	Data Type (Length)
AccountEncoderID	Identifier for the bank that provided the customer's encoded account number.	VARCHAR2 (3)
SecCode	Authorization method used for the transaction.	VARCHAR2 (3)

## Conversion Fields

### Conversion Fields

Field Name	Definition	Data Type (Length)
ConversionDate	Date order converted.	—
NewDecision	Reviewer evaluation result.	—
OriginalDecision	Order profile evaluation result.	—
Profile	Order profile used to evaluate the order.	—
Reviewer	Person who evaluated order originally marked for review.	—
ReviewerComments	Additional information added by reviewer.	—
Queue	Review queue originally assigned to order.	—

## Customer Fields

### Customer Fields (Decision Manager)

Field Name	Definition
BillingAddress1	First line of billing street address as it appears on credit card issuer's records.
BillingAddress2	Additional address information.
BillingCity	Billing address city.
BillingCompanyName	Customer's company name.

### Customer Fields (Decision Manager) (continued)

Field Name	Definition
BillingCountry	Billing address country.
BillingEmail	Customer's email address.
BillingFirstName	First name of the billed customer.
BillingLastName	Last name of the billed customer.
BillingPhone	Customer's phone number.
BillingPostalCode	Billing address postal code.
BillingState	Billing address state or province.
CustomerID	Your identifier for the customer.
ShippingAddress1	First line of the shipping address.
ShippingAddress2	Second line of the shipping address.
ShippingCity	Shipping address city.
ShippingCompanyName	Recipient's company name.
ShippingCountry	Shipping address country.
ShippingFirstName	First name of the recipient.
ShippingLastName	Last name of the recipient.
ShippingPhone	Recipient's phone number.
ShippingPostalCode	Shipping address postal code.
ShippingState	Shipping address state or province.

## Deposit Fields

### Deposit Fields

Field Name	Definition	Data Type (Length)
Amount	Amount of the deposit.	Number
Category	Category of the deposit.	VARCHAR2 (25)
Currency	Currency code of the deposit.	VARCHAR2 (3)
ExchangeRate	Exchange rate. Includes a decimal point and up to 4 decimal places.	Number



**Deposit Fields (continued)**

Field Name	Definition	Data Type (Length)
ExchangeRateDescription	Exchange rate description from the funding bank.	VARCHAR2 (64)
Identifier	Unique reference number for this deposit.	VARCHAR2 (64)
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)
MerchantBankAccountName	Name used on the bank account.	VARCHAR2 (35)
MerchantBankCode	Routing number for the account to which the funds transfer will be deposited.	VARCHAR2 (35)
MerchantBankCountry	Country in which the bank is located. Use the two-character ISO Standard Country Codes.	VARCHAR2 (2)
MerchantBankName	Bank's name.	VARCHAR2 (35)
MerchantID	Merchant ID.	VARCHAR2 (30)
Method	Funds transfer method.	VARCHAR2 (25)
Status	Status of the deposit. Possible values: <ul style="list-style-type: none"><li>• <b>S</b> (success)</li><li>• <b>P</b> (pending)</li><li>• <b>F</b> (failed)</li></ul>	VARCHAR2 (7)
Time	Deposit time for the transaction in UTC.	Date
TransferMessage	Deposit transfer message provided by the processor.	VARCHAR2 (64)
Type	Description of events included in this funds transfer.	VARCHAR2 (3)

## Device Fields

### Device Fields

Field Name	Definition	Data Type (Length)
DeviceID	Identification number of device used for transaction.	VARCHAR2 (3)

## Device Fingerprint Fields

### Device Fingerprint Fields (Decision Manager)

Field Name	Definition
BrowserLanguage	Comma-separated list of languages preferred or supported by the browser.
CookiesEnabled	Indicates if cookies are enabled in customer's browser.
DeviceFirstSeen	Date when the device was first encountered.
DeviceLatitude	Latitude of the GPS location of the device.
DeviceLongitude	Longitude of the GPS location of the device.
DeviceMatched	Longitude of the GPS location of the mobile device.
Fingerprint/DeviceFingerprint	Unique ID of a computer or other device.
FlashEnabled	Indicates if Flash is enabled in customer's browser.
FlashOperatingSystem	Device operating system as reported by Flash.
FlashVersion	Version of Flash installed on the device.
GPSAccuracy	Indicates the accuracy of the GPS location of the mobile device.
ImagesEnabled	Indicates if images are enabled in customer's browser.
Jailbreak/RootPrivileges	Indicates if a mobile device has root privileges.

**Device Fingerprint Fields (Decision Manager) (continued)**

Field Name	Definition
Jailbreak/RootReason	Additional information describing elements on mobile device that triggered escalation to root privileges.
JavaScriptEnabled	Indicates if JavaScript is enabled in customer's browser.
ProfiledURL	URL of profiled page.
ProfilingDate/Time	Time of device profiling.
ProfilingDuration/RequestDuration	Total time in milliseconds to process the profiling request.
ProxyIPAddress	IP address of proxy if available.
ProxyIPAddressActivities	Actions associated with the proxy IP address.
ProxyIPAddressAttributes	Characteristics associated with the proxy IP address.
ProxyServerType	Type of proxy server based on the HTTP header.
ScreenResolution	Screen resolution of the device.
SmartID	Device identifier generated from attributes collected during profiling.
SmartIDConfidenceLevel	Probability that the Smart ID is correctly identifying a returning device.
TimeOnPage	Time period in milliseconds that device profiling page displays on browser before it closes or user navigates away from the page.
TrueIPAddress	Customer's true IP address detected by the application.
TrueIPAddressActivities	Actions associated with the true IP address.
TrueIPAddressAttributes	Characteristics associated with the true IP address.
TrueIPAddressCity	City associated with the true IP address.
TrueIPAddressCountry	Country associated with the true IP address.

### Device Fingerprint Fields (Decision Manager) (continued)

Field Name	Definition
TypeofBrowserAgent	Indicates if a mobile device or a computer was used to initiate the session.

## Emailage Fields

### Emailage Fields (Decision Manager)

Field Name	Definition
CompanyName	Name of company to which the email belongs.
DomainCategory	The category type for company's email domain.
DomainCompany	Domain of company to which the email belongs.
DomainCorporate	Indicates if domain is registered to a business.
DomainCountryCode	Domain of country code to which the email belongs.
DomainCreationDate	Creation date of the domain.
DomainCreationDate-DaysOld	Number of days since email domain was created.
DomainExists	Verifies if the email domain exists.
DomainName	The email address domain name.
DomainRisk	Provides risk level for the domain.
EmailCreationDate	Creation date of the email.
EmailCreationDate-DaysOld	Number of days since email account was created.
EmailExists	Verifies if email address exists.
EmailFirstSeenDate	The oldest time stamp found for records associated with email address.
EmailFirstSeenDate-DaysOld	Number of days since email was first seen.
EmailLocation	Location of the person who owns email address.

**Emailage Fields (Decision Manager) (continued)**

Field Name	Definition
EmailNameMatch	Indicates status of the name of the customer matching the email owner.
EmailOwnerName	Name of the person who owns the email address.
EmailageReason	Provides information relevant to understanding the Emailage Risk Score.
EmailageReasonDescription	Provides information relevant to understanding the Emailage Risk Score.
EmailageRecommendation	Recommendation based on results of other Emailage fields.
EmailageRiskBand	Indicates the number associated with certain Emailage Score ranges.
EmailageScore	Proprietary algorithm that calculates the fraud risk associated with an email address.
FraudType	If multiple companies within the Emailage system marked the queried value as fraud, this field provides the most recent fraud type.
Gender	Gender of the person who owns the email address.
IP Postal	Postal code associated with the IP address.
IPAnonymousProxy	Indicates if the user's IP address is an anonymous proxy.
IPCity	For U.S., city where the IP is located.
IPCountry	Name of the country associated with the IP.
IPRegion	For U.S., state where the IP is located.
IPReputation	Reputation of the proxy, indicates the likelihood that the user's IP address is an open proxy.
IPRiskLevel	Provides the fraud risk for the IP Address.
LastConfirmationDate	The last date the email address was queried in the Emailage system.
PhoneSyntaxValidation	Indicates if the phone syntax is valid.
SMLinks	Count of social media sites that match the queried email.

### Emailage Fields (Decision Manager) (continued)

Field Name	Definition
SocialMediaFriends	Total friends for the email owner located on social media sites.
SourceIndustry	If FraudType contains a value, this field provides the industry of the most recent company to mark the email as fraud or legitimate.
Title	Title of the email owner.
Totalhits	Number of times the email address was queried in the Emailage system in a 7 day period.
Uniquehits	Number of unique companies that queried the email address in the Emailage system in a 7 day period.

## Event Fields

### Event Fields

Field Name	Definition	Data Type (Length)
Amount	Amount for the event.	Number (19)
CurrencyCode	Currency code for the event.	VARCHAR2 (5)
Event	Type of event that occurred for the transaction.	VARCHAR2 (20)
EventDate	Date in GMT format that the event occurred. This field can be null for some event types, such as Declined.	Date
ProcessorMessage	Additional information from the processor about the event, such as an error message or explanation.	VARCHAR2 (255)

## Exception Fields

### Exception Fields

Field Name	Definition	Data Type (Length)
Action	Brief description of the action.	VARCHAR2 (20)
ClientID	—	—
CYBSExceptionID	Assigned exception ID number.	Number (18)
DccLookupStatus	—	—
DccExchangeRate	—	—
DccMarginRate	—	—
ExceptionAmount	Amount specified in the exception.	Number (19)
ExceptionAmountCurrency	Exception currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (255)
ExceptionCategory	Type of exception.	VARCHAR2 (20)
ExceptionDate	Date of exception.	Number (18)
ExceptionDescription	—	—
ExceptionDeviceHardwareRevision	—	—
ExceptionDeviceID	—	—
ExceptionDeviceOS	—	—
ExceptionDeviceOSVersion	—	—
ExceptionDeviceTerminalID	—	—
ExceptionMessage	Description of the exception.	VARCHAR2 (255)
ExceptionReasonCode	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)
ExceptionReasonDescription	Description of exception reason.	VARCHAR2 (255)

**Exception Fields (continued)**

Field Name	Definition	Data Type (Length)
ExceptionStatus	Current status of the transaction.	VARCHAR2 (30)
ExceptionStatusCode	—	—
ExceptionType	Type of exception.	Number (26)
FinancialStatus	Financial status of the transaction.	Number (5)
LastActionDate	Date of last action on the transaction.	Date
LocalCurrencyCode	Local currency code.	—
NextActionDate	Date of next action on the transaction.	Date
OriginalTransactionSubmissionDate	Date on which the transaction was submitted.	Date
PartnerMerchantID	—	—
PartnerMerchantName	—	—
PaymentNumber	Payment number.	VARCHAR2
ProcessorCaseID	Processor-assigned case number.	VARCHAR2 (30)
ProcessorResponseCode	Code returned directly from the processor for the exception that occurred.	VARCHAR2 (12)
ReasonCode	Reason code for the exception that occurred.	VARCHAR2 (12)
RetryCount	Total number of payments that are pending in retry mode.	Number
SchemeOperator	—	—
SDKVersion	—	—
SettlementProcessor	Name of settlement processor.	VARCHAR2 (40)
StorageMechanism	—	—



## Fee Fields

### Fee Fields

Field Name	Definition	Data Type (Length)
AcquirerInterchangeAmount	—	—
AssessmentAmount	Amount of the assessment.	Number
AssessmentCurrency	Currency of the assessment.	VARCHAR2 (3)
BillingCycle	Billing cycle of the merchant. Possible values: <ul style="list-style-type: none"> <li>• <code>daily</code></li> <li>• <code>weekly</code></li> <li>• <code>monthly</code></li> </ul>	VARCHAR2 (25)
BillingType	Billing type of the merchant. Possible values: <ul style="list-style-type: none"> <li>• <code>discount</code></li> <li>• <code>interchangePlus</code></li> <li>• <code>serviceFee</code></li> <li>• <code>other</code></li> </ul>	VARCHAR2 (25)
ClearedInterchangeLevel	Code for the clearing level.	VARCHAR2 (3)
ConversionFee	Fee amount added for currency conversion.	—
ConversionFeeCurrency	—	—
DiscountAmount	DiscountRate *TransactionAmount. This value includes 4 decimal points.	Number
DiscountCurrency	Currency of the discount.	VARCHAR2 (3)
DiscountRate	Discount rate.	Number
DowngradeReasonCode	Reason for downgrade. Possible values:	VARCHAR2 (6)

## Fee Fields (continued)

Field Name	Definition	Data Type (Length)
	<ul style="list-style-type: none"> <li>• <b>1</b>: Transaction exceeded timeliness.</li> <li>• <b>2</b>: Authorization code is missing.</li> <li>• <b>8</b>: POS entry mode does not qualify.</li> <li>• <b>9</b>: POS condition code does not qualify.</li> <li>• <b>A</b>: POS terminal capability does not qualify.</li> <li>• <b>D</b>: Mail/phone/e-commerce indicator does not qualify.</li> <li>• <b>K</b>: Transaction cleared as intraregional.</li> <li>• <b>L</b>: Transaction cleared as interregional.</li> <li>• <b>R</b>: Reclassification.</li> <li>• <b>U</b>: UK domestic.</li> <li>• <b>V</b>: German domestic.</li> <li>• <b>W</b>: Transaction cleared as world signia.</li> <li>• <b>X</b>: Did not qualify at merchant price level.</li> </ul>	
ExchangeRate	—	—
GrossInterchangeAmount	—	—
InterchangeAmount	Final amount of transaction after the interchange rates are applied.	Number
InterchangeCurrency	ISO currency code for the currency of the clearing rate.	VARCHAR2 (3)
InterchangeRate	Interchange rate for the transaction.	Number

### Fee Fields (continued)

Field Name	Definition	Data Type (Length)
IssuerInterchangeAmount	—	—
MerchantID	—	—
OtherInterchangeAmount	—	—
PerItemFeeAmount	Fee for a single item.	Number
PerItemFeeCurrency	Currency for a single item fee.	VARCHAR2 (3)
PricedInterchangeLevel	Interchange flat rate that was assigned when you set up your account. This value includes 4 decimal points.	VARCHAR2 (3)
ReimbursementFee	—	—
ReimbursementFeeDebit CreditIndicator	—	—
ServiceFeeAmount	Amount of service fee for transaction.	Number
ServiceFeeAmountCcy	Currency of the service fee.	VARCHAR2 (3)
ServiceFeeFixedAmount	Amount of the fixed service fee for the transaction.	Number
ServiceFeeFixedAmountCcy	Currency of the fixed service fee.	VARCHAR2 (3)
ServiceFeeRate	Percentage rate of the service fee.	Number
SettlementAmount	Amount of the settlement.	Number
SettlementCurrency	Currency of the settlement.	VARCHAR2 (3)
SettlementTime	Time the settlement was processed.	Date
SettlementTimeZone	Time zone of the settlement.	VARCHAR2 (6)
SourceDescriptor	—	VARCHAR2 (6)
TotalFeeAmount	Total amount of all fee transactions for the specified date range.	Number
TotalFeeCurrency	Currency for all fee transactions for the specified date range.	VARCHAR2 (3)

### Fee Fields (continued)

Field Name	Definition	Data Type (Length)
TransactionIntegrityFee	—	—
TransactionIntegrityFeeDebitIndicator	—	—

## Fee Summary Fields

### Fee Summary Fields

Field Name	Definition	Data Type (Length)
CardType	Card type.	—
Count	Count.	—
FeeDescription	Fee description.	—
FeeType	Fee type.	—
FundingCurrency	Currency in which fees applied.	—
PaymentMethod	Payment method used.	—
PercentageFee	Percentage fee.	—
PerItemFee	Fee charged per item.	—
TotalFeeAmount	Total fee amount.	—
TransactionAmount	Transaction amount.	—
TransactionType	Transaction type.	—

## Funding Fields

### Funding Fields

Field Name	Definition	Data Type (Length)
CurrencyExchangeDescription	Exchange rate description from the processor.	VARCHAR2 (64)

### Funding Fields (continued)

Field Name	Definition	Data Type (Length)
CurrencyExchangeRate	Exchange rate for converting from transaction currency to funding currency.	Number
FeeAmount	Fee for the transaction.	Number
FeeCurrency	Fee currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (3)
FeeDescription	Fee description from the processor.	VARCHAR2 (64)
FundingAccountSuffix	Last 4 digits of funding account.	VARCHAR2 (40)
FundingAmount	Funding amount of the transaction.	Number
FundingBankCode	Bank code of the funding bank.	—
FundingBankCountry	Bank country of the funding bank represented in ISO 3166-1 alpha-3.	—
FundingBankName	Name of bank funding the transaction.	—
FundingCurrency	Funding currency represented in ISO 4217:2008 alpha-3.	VARCHAR2 (3)
FundingDate	Funding date of the transaction.	Date
FundingIdentification Number	Funding identification for the funding of the transaction.	VARCHAR2 (64)
FundingProcessor Message	Funding response message from the processor.	VARCHAR2 (64)
FundingTransferMessage	Funding transfer message provided by the processor.	VARCHAR2 (64)
ProcessorResponseCode	Funding response code from the processor.	VARCHAR2 (10)
Status	Funding status. Possible values: <ul style="list-style-type: none"> <li>• <b>S</b> (success)</li> <li>• <b>P</b> (pending)</li> <li>• <b>F</b> (failed)</li> </ul>	VARCHAR2 (10)

## Fund Transfer Fields

### Fund Transfer Fields

Field Name	Definition	Data Type (Length)
BankCheckDigit	Code used to validate the customer's account number.	CHAR (2)
IbanIndicator	International Bank Account Number (IBAN).	CHAR (1)

## Gift Card Fields

### Gift Card Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
CurrentBalance	Current gift card balance in your local currency.	String (12)	giftCard_currentBalance	gift_card_current_balance
PreviousBalance	<p>Previous gift card balance in your local currency. This value was the gift card balance before the concurrent transaction was applied to the gift card.</p> <p>This field is supported only on ValueLink.</p> <p>For example, when a customer purchases a gift card and uses the gift card to purchase a product at the same time, the response message includes:</p>	String (12)	giftCard_previousBalance	gift_card_previous_balance

### Gift Card Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
	<ul style="list-style-type: none"> <li>• Previous gift card balance, which was the balance before the purchase of the product</li> <li>• Current gift card balance, which is the balance after the purchase of the product</li> </ul>			
RedemptionType	<p>Type of redemption.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>• CASHOUT</li> <li>• REDEMPTION</li> <li>• REDEMPTION_PARTIAL_ALLOWED (default)</li> </ul> <p>This field is supported only on ValueLink.</p>	String (26)	giftCard_previousBalance	gift_card_redemption_type

## Health Care Fields

### Healthcare Fields

Field Name	Definition	Data Type (Length)
Amount	Amount of the healthcare payment.	VARCHAR2 (13)
AmountType	Type of healthcare payment. For example:	VARCHAR2 (35)

### Healthcare Fields (continued)

Field Name	Definition	Data Type (Length)
	<ul style="list-style-type: none"><li>• healthcare</li><li>• dental</li><li>• clinic</li></ul>	
Currency	Currency used in transaction.	VARCHAR2 (3)
IndustryType	Type of industry for the transaction.	VARCHAR2 (20)

## Invoice Fields

### Invoice Fields

Field Name	Definition	Data Type (Length)
BillingGroupDescription	Description of the billing group.	VARCHAR2 (50)
NotProcessed	Number of unprocessed transactions.	Number
OrganizationID	Merchant ID.	VARCHAR2 (30)
PerformedServices	ICS service name.	VARCHAR2 (30)
Processed	Number of processed transactions.	Number
Total	Invoice count.	Number

## Japanese Payment (JP) Fields

### Japanese Payment Fields

Field Name	Definition
Amount	Transaction grand total.
AuthForward	Name of Japanese acquirer that processed transaction. Available only for CCS (CAFIS) and JCN Gateway.



### Japanese Payment Fields (continued)

Field Name	Definition
AuthorizationCode	Transaction authorization code.
CardSuffix	Last four digits of card.
Currency	Currency used in transaction.
CustomerFirstName	Customer first name.
CustomerLastName	Customer last name.
Date	Date of transaction.
Gateway	Name of gateway used to process transaction.
JPOInstallmentMethod	Number of payment installments (Japanese payment method only).
JPOPaymentMethod	Type of Japanese payment method used.
MerchantID	Gateway merchant identifier.
MerchantReferenceNumber	Merchant order reference or tracking number.
NetworkTokenTransType	Network token transaction type.
PaymentMethod	Method of payment.
RequestID	Client request identifier.
SubscriptionID	Customer profile identifier for requested service.
Time	Time of transaction.
TransactionReferenceNumber	Reference number used to reconcile gateway reports with processor reports.
TransactionType	Type of transaction.

## Line Item Fields

### Line Item Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
FulfillmentType	Information about the product code used for the line item.	VARCHAR2 (2)	—	offer#_fullfillment_type

**Line Item Fields (continued)**

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
InvoiceNumber	Invoice number for order.	VARCHAR2 (30)	item_#_invoiceNumber	offer#_invoice_number
MerchantProductSku	Identification code for the product.	VARCHAR2 (255)	item_#_productSKU	offer#_merchant_product_sku
Number	Number of the line item in an order.	Number	—	—
ProductCode	Used to determine product category: electronic, handling, physical, service, or shipping.	VARCHAR2 (255)	item_#_productCode	offer#_product_code
ProductName	Name of product.	VARCHAR2 (255)	item_#_productName	offer#_product_name
Quantity	Quantity of product.	Number (12)	item_#_quantity	offer#_quantity
TaxAmount	Total tax to apply to the product.	Number (19)	item_#_taxAmount	offer#_tax_amount
UnitPrice	Per-item price of the product.	Number	item_#_unitPrice	offer#_amount

## Mark As Suspect Fields

**Mark As Suspect Fields (Decision Manager)**

Field Name	Definition
MarkingDate	Date the order was marked.
MarkingNotes	Notes about the customer or the order.
MarkingReason	Selected reason for marking the order.
MarkingUserName	Identity of the user marking the order.

## Merchant-Defined Data Fields

### Merchant-Defined Data Fields (Decision Manager)

Field Name	Definition	Data Type (Length)
MerchantDefinedData1	Field that you can use to store information.	VARCHAR2 (1175)
MerchantDefinedData2	Field that you can use to store information.	VARCHAR2 (1175)
MerchantDefinedData3	Field that you can use to store information.	VARCHAR2 (1175)
MerchantDefinedData4	Field that you can use to store information.	VARCHAR2 (1175)

## Merchant Defined Data Fields

### Merchant Defined Data Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
Merchant DefinedData_field1	Fields that you can use to store information (Field1 - Field20).	VARCHAR2 (1175)	merchantDefinedData_field1	merchant_defined_data1

## Order Fields

### Order Fields (Decision Manager)

Field Name	Definition
ConnectionMethod	Method by which order was sent to Decision Manager.
GiftWrap	Indicates if the customer requested gift wrapping for this purchase.
MerchantID	Merchant ID.
MerchantReferenceNumber	Order or tracking number.
Price	Price of each item.
ProductCode	Type of product in the offer.

**Order Fields (Decision Manager) (continued)**

Field Name	Definition
ProductName	Name of the product.
ProductSKU	Merchant's product.
Quantity	Quantity of product being purchased.
ReasonCode	One-digit code that indicates if the entire request was successful.
ReplyCode	One-digit code that indicates if the entire request was successful.
ReplyFlag	One-word description of the result of the entire request.
ReplyMessage	Message that explains the reply flag.
RequestID	Identifier for the request generated by the client.
ReturnAccepted	Indicates if returns are accepted for this order.
ShippingMethod	Shipping method for the product.
TaxTax	Total tax to apply to the product.
TransactionDate	Date of transaction.

**Payer Authentication Detail Request Fields****Payer Authentication Detail Request Fields**

Field Name	Definition
MerchantID	Merchant ID used for the transactions.
RequestID	Identifier for the transaction request.
TransactionDate	Date on which the transaction took place.
TransactionID	Identifier of transaction.
TransactionType	Transaction type.

## Payer Authentication Request Fields

**Payer Authentication Request Fields**

Field Name	Definition
AccountID	Account identifier.
AcquirerBin	Acquiring bank identification number.
CardExpiry	Card expiration.
Country	Country.
MerchantID	Merchant identifier.
MerchantName	Merchant name.
MerchantURL	Merchant URL.
PurchaseAmount	Purchase amount.
PurchaseDate	Purchase date.
PurchaseXID	Purchase XID.

## Payer Authentication Response Fields

**Payer Authentication Response Fields**

Field Name	Definition
AcquirerBin	Acquiring bank identification number.
AuthTime	Authorization time.
CAVV	CAVV.
ECI	Ecommerce indicator.
MerchantID	Merchant identifier.
PurchaseAmount	Purchase amount.
PurchaseDate	Purchase date.
PurchaseXID	Purchase XID.
TransactionStatus	Transaction status.

## Payment Data Fields

**Payment Data Fields**

Field Name	Definition	Data Type (Length)	SCMP Value
AAV_CAVV	Optional authentication data that you can receive after the customer is authenticated.	VARCHAR2 (3)	cavv
ACHVerificationResult	Raw result of the ACH Verification service.	—	ecp_debit_verification_code_raw
ACHVerificationResult Mapped	Mapped result of the ACH Verification service.	—	ecp_debit_verification_code
AcquirerMerchantID	—	—	—
AcquirerMerchantNumber	Identifier that was assigned to you by your acquirer. This value must be printed on the receipt.	String (15)	—
Amount	Grand total for the order.	Number (19)	grand_total_amount
AuthIndicator	—	—	—
AuthorizationCode	Authorization code for the payment.	VARCHAR2 (15)	auth_code
AuthorizationType	Authorization type of the payment.	VARCHAR2 (1)	auth_type
AuthReversalAmount	—	—	—
AuthReversalResult	—	—	—
AVSResult	Raw code for Address Verification Service result for the payment.	VARCHAR2 (10)	auth_avs_raw
AVSResultMapped	Address Verification Service result for the payment.	VARCHAR2 (5)	auth_auth_avs
BalanceAmount	Remaining balance on the account.	Number (19)	account_balance

### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
BalanceCurrencyCode	Currency of the remaining balance on the account.	VARCHAR2 (3)	account_balance_currency
BankAccountName	Name of account holder.	VARCHAR2 (90)	bank_account_name
BankCode	Bank code or sort code for the account if a bank account was used for the transaction.	VARCHAR2 (15)	bank_code
BatchFilesID	—	—	—
BinNumber	Bank identification number.	VARCHAR2 (8)	—
CardCategory	Type of card used in the transaction.	VARCHAR2 (10)	—
CardCategoryCode	Category code of card used in the transaction.	—	—
CardPresent	Indicates whether the card is present at the time of the transaction.	String (1)	—
CardVerificationMethod	—	—	—
CurrencyCode	Currency code for the payment.	VARCHAR2 (3)	currency
CustomerAccountID	—	—	—
CVResult	CVN result code.	—	auth_cv_result
DCCIndicator	Flag that indicates whether DCC is being used for the transaction.	VARCHAR2 (1)	dcc_indicator
ECI	Optional information that you can receive if you use the Payer Authentication service.	Number (5)	e_commerce_indicator
eCommerceIndicator	Type of eCommerce transaction.	CHAR (1)	—

### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
EMVRequestFallback	Indicates that a fallback method was used to enter credit card information into the POS terminal.	String (5)	—
EVEmail	Mapped Electronic Verification response code for the customer's email address.	VARCHAR2 (5)	auth_ev_email
EVEmailRaw	Raw Electronic Verification response code from the processor for the customer's email address.	VARCHAR2 (10)	auth_ev_email_raw
EventType	Type of event that occurred for the transaction.	—	—
EVName	Mapped Electronic Verification response code for the customer's name.	VARCHAR2 (5)	auth_ev_name
EVNameRaw	Raw Electronic Verification response code from the processor for the customer's last name.	VARCHAR2 (10)	auth_ev_name_raw
EVPhoneNumber	Mapped Electronic Verification response code for the customer's phone number.	VARCHAR2 (5)	auth_ev_phone_number
EVPhoneNumberRaw	Raw Electronic Verification response code from the processor for the customer's phone number.	VARCHAR2 (10)	auth_ev_phone_number_raw
EVPostalCode	Mapped Electronic Verification response code for the customer's postal code.	VARCHAR2 (5)	auth_ev_postal_code



### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
EVPostalCodeRaw	Raw Electronic Verification response code from the processor for the customer's postal code.	VARCHAR2 (10)	auth_ev_postal_code_raw
EVStreet	Mapped Electronic Verification response code for the customer's street address.	VARCHAR2 (5)	auth_ev_street
EVStreetRaw	Raw Electronic Verification response code from the processor for the customer's street address.	VARCHAR2 (10)	auth_ev_street_raw
ExchangeRate	Exchange rate.	Number (27)	exchange_rate
ExchangeRateDate	Time stamp for the exchange rate.	Date	exchange_rate_timestamp
GrandTotal	Grand total amount for the order, including tax, for requests that do not contain payment information.	Number (19)	—
IssuerResponseCode	Additional authorization code that must be printed on the receipt when returned by the processor.	VARCHAR2 (15)	—
JpoJccaTerminalID	Unique terminal identifier provided by Japan Credit Card Association (JCCA).	—	jpo_jcca_terminal_id
JpoPaymentMethod	Indicates Japanese payment option being used.	—	jpo_payment_method
MandateReferenceNumber	—	—	—

### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
MerchantCategoryCode	Four-digit number that payment card industry uses to classify merchants into market segments.	—	merchant_category_code
NetworkCode	—	—	—
NumberOfInstallments	Total number of installments when making payments in installments.	VARCHAR2 (3)	installment_total_count
OriginalAmount	—	—	—
OriginalCurrency	—	—	—
PaymentProcessor	Name of payment processor.	VARCHAR2 (40)	payment_processor
PaymentProductCode	Type of payment product used by the consumer to pay on a payment provider's site, such as installments or bank transfer.	—	—
PaymentRequestID	Original request ID for the purchase.	Number (26)	—
PinType	Method that was used to verify the cardholder's identity.	Integer (1)	—
POSCatLevel	Type of cardholder-activated terminal.	Non-negative Integer (1)	cat_level
POSEntryMode	Method of entering credit card information into the POS terminal.	String (11)	pos_entry_mode
POSEnvironment	Operating environment.	String (1)	pos_environment
POSTerminalCapability	POS terminal's capability.	—	terminal_capability
ProcessorMID	—	—	—
ProcessorResponseCode	The error message sent directly from the bank.	VARCHAR2 (60)	auth_auth_response

### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
			response_code
ProcessorResponseID	Response ID sent from the processor.	VARCHAR2 (50)	—
ProcessorTID	Transaction identification (TID) that is used to identify and track a transaction throughout its life cycle.	VARCHAR2 (60)	terminal_id
ProcessorTransactionID	—	—	auth_processor_trans_id
RequestedAmount	Amount requested to be authorized.	Number (19)	auth_request_amount
RequestedAmountCurrencyCode	Currency for the amount requested to be authorized.	VARCHAR2 (5)	auth_request_amount_currency
RoutingNetworkType	Processor scheme used for routing the transaction.	String (1)	—
SalesSlipNumber	Transaction identifier that you generate.	—	sales_slip_number
ShopName	Name of the shop.	—	jpo_business_name_alphanumeric
ShopNameKatakana	Shop name displayed in katakana characters.	—	jpo_business_name_katakana
ShopNameLocal	Shop name displayed in local dialect.	—	jpo_business_name_japanese
SolutionType	Type of digital payment used.  Valid values:  001  006  007	—	—

### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
StoreAndForwardIndicator	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.	String (5)	store_and_forward_indicator
SubMerchantCity	Sub-merchant's city.	—	submerchant_city
SubMerchantCountry	Sub-merchant's country.	—	submerchant_country
SubMerchantEmail	Sub-merchant's email address.	—	submerchant_email
SubMerchantID	Identifier assigned to sub-merchant.	—	submerchant_id
SubMerchantName	Sub-merchant's name.	—	submerchant_name
SubMerchantPhone	Sub-merchant's phone number.	—	submerchant_phone
SubMerchantPostalCode	Sub-merchant's ZIP/Postal code.	—	submerchant_postal_code
SubMerchantState	Sub-merchant's state.	—	submerchant_state
SubMerchantStreet	First line of sub-merchant's street address.	—	submerchant_street
SubsequentAuth	Indicates whether the transaction is a merchant-initiated transaction or subsequent authorization.	String (1)	subsequent_auth
SubsequentAuthFirst	Indicates whether the customer initiated the transaction and whether the credentials are stored for future authorizations.	String (1)	subsequent_auth_first

### Payment Data Fields (continued)

Field Name	Definition	Data Type (Length)	SCMP Value
SubsequentAuthReason	Reason for the merchant-initiated transaction or incremental authorization.	String (1)	subsequent_auth_reason
SubsequentAuthStoredCredential	Indicates whether you obtained the payment information from credentials on file (COF) instead of from the customer.	String (1)	subsequent_auth_stored_credential
SubsequentAuthTransactionID	Network transaction identifier that was returned for a previous authorization in the series.	String (15)	subsequent_auth_transaction_id
TargetAmount	Converted amount.	Number (19)	foreign_amount
TargetCurrency	Billing currency.	VARCHAR2 (3)	foreign_currency
TerminalIDAlternate	Identifier for an alternate terminal at your retail location.	String (8)	—
TotalTaxAmount	Total tax amount for all of the line items in the transaction.	Number (19)	total_tax_amount
TransactionRefNumber	Reference number for the transaction.	VARCHAR2 (60)	—
XID	Optional transaction identifier generated by Payer Authentication that you can receive when the customer is enrolled and when validation is successful.	VARCHAR2 (40)	xid

# Payment Method Fields

## Payment Method Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
AccountEncoderID	—	—	AccountEncoderID	account_encoder_id
AccountSuffix	Last four digits of the customer's payment account number.	VARCHAR2 (4)	card_suffix	customer_cc_number
AccountType	—	—	AccountType	ecp_account_type
BankAccountName	Bank's account name.	VARCHAR2 (90)	BankAccountName	bank_account_name
BankCheckDigit	—	—	BankCheckDigit	bank_check_digit
BankCity	—	—	BankCity	bank_city
BankCode	Bank's code. Used for some countries when you are not using the IBAN. Contact Customer Support for required country-specific bank account information.	VARCHAR2 (15)	BankInfo_bankCode	bank_code
BankCountry	—	—	BankCountry	bank_country
BankNumber	—	—	BankNumber	bank_number
BankTransitNumber	—	—	BankTransitNumber	ecp_rdfi
BoletoBarCodeNumber	Numeric representation of the boleto barcode.	VARCHAR2 (50)	—	boleto_payment_bar_code_number
BoletoNumber	Boleto Bancário payment number.	VARCHAR2 (50)	boletoNumber	boleto_payment_boleto_number
BranchCode	—	—	BranchCode	branch_code
CardCategory	Type of card used.	VARCHAR2 (10)	cardCategory	auth_card_category

## Payment Method Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
CardCategoryCode	Code for card type used.	VARCHAR2 (10)	—	auth_card_category_code
CardType	Type of card to authorize.	VARCHAR2 (5)	card_cardType	card_type
CheckNumber	Check number.	VARCHAR2 (10)	check_checkNumber	ecp_check_number
EffectiveDate	—	—	effectiveDate	ecp_effective_date
ExpirationMonth	Two-digit month in which the credit card expires.	VARCHAR2 (4)	card_expirationMonth	customer_cc_expmo
ExpirationYear	Four-digit year in which the credit card expires.	VARCHAR2 (4)	card_expirationYear	customer_cc_expyr
IbanIndicator	—	—	IbanIndicator	
IssueNumber	Number of times a Maestro (UK Domestic) card has been issued to the account holder.	VARCHAR2 (5)	card_issueNumber	customer_cc_issue_number
MandateId	Identification reference for the direct debit mandate.	VARCHAR2 (35)	—	direct_debit_mandate_mandate_id
MandateType	Type of mandate.	VARCHAR2 (20)	—	—
NetworkTokenTransType	—	—	NetworkTokenTransType	network_token_trans_type
OverridePayment Method	—	—	—	—
SignatureDate	Date of signature.	Date	—	—
StartMonth	Month of the start of the Maestro (UK Domestic) card validity period.	VARCHAR2 (4)	card_startMonth	customer_cc_startmo

**Payment Method Fields (continued)**

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
StartYear	Year of the start of the Maestro (UK Domestic) card validity period.	VARCHAR2 (4)	card_startYear	customer_cc_start yr
SwiftCode	—	—	SwiftCode	bank_swiftcode
TypeDescription	—	—	—	[DERIVED]
WalletType	Type of wallet.	VARCHAR2 (20)	partnerSolutionID	wallet_type

**Payment Fields****Payment Fields (Decision Manager)**

Field Name	Definition
AccountSuffix	Last four digits of the customer's payment account number.
AuthEVAddress1	Mapped Electronic Verification response code for the customer's street address.
AuthEVEmail	Mapped Electronic Verification response code for the customer's email address.
AuthEVLastName	Mapped Electronic Verification response code for the customer's last name.
AuthEVPhone	Mapped Electronic Verification response code for the customer's phone number.
AuthEVPostalCode	Mapped Electronic Verification response code for the customer's postal code.
AVSResultMapped	Address Verification Service result for the payment.
CardBIN	Eight-digit card issuer bank identification number.
CardBINCountry	Country associated with the origin of the card.
CardIssuer	Name of the bank.
CardScheme	Subtype of card account.



**Payment Fields (Decision Manager) (continued)**

Field Name	Definition
CardType	Type of payment card account.
CardVerificationResult	Raw result of the ACH Verification service.
ECommerceIndicator	Type of eCommerce transaction.
LocalCurrencyCode	Your local pricing currency code.
LocalOrderAmount	Amount in your original local pricing currency.
OrderAmount	Grand total amount or the individual line-item amounts.
OrderCurrency	Currency used for the order.

**POS Terminal Exceptions Fields****POS Terminal Exceptions Fields**

Field Name	Definition	Data Type (Length)
AccountSuffix	—	—
Amount	—	—
BillToEmail	Email address of the user.	String (255)
CardVerificationMethod	Type of customer verification.	String (60)
ClientID	Client identifier for an installation; generated by the operating system.	String (60)
CurrencyCode	—	—
DCCExchangeRate	Dynamic Currency Conversion exchange rate.	Decimal (22.4)
DCCLookupStatus	Lookup Status of Dynamic Currency Conversion.	String (255)
DCCMarginRate	Margin rate of Dynamic Currency Conversion.	Decimal (22.4)
DeviceHardwareRevision	Hardware revision printed on the back of the credit card reader.	String (60)

## POS Terminal Exceptions Fields (continued)

Field Name	Definition	Data Type (Length)
DeviceID	Serial number printed on the back of the credit card reader. Dashes are stripped from the serial number.	String (1024)
DeviceOS	Operating system of the device.	String (60)
DeviceOSVersion	Operating system version of the device.	String (30)
DeviceTerminalID	Terminal identifier assigned to the credit card reader; used by the clearing institute to identify credit card readers.	String (255)
ExceptionCategory	Status of the transaction.	String (255)
ExceptionDescription	Detailed description of the status of the transaction.	String (255)
ExceptionStatusCode	Code that represents the status of the transaction.	String (255)
ExpirationMO	—	—
ExpirationYR	—	—
FirstName	—	—
LastName	—	—
LocalCurrencyCode	Three-digit security code for the local currency.	String (3)
MerchantID	—	—
PartnerMerchantID	Three-digit identifier for the partner merchant.	String (3)
PartnerMerchantName	Name of the merchant that performed the transaction.	String (100)
PartnerOriginalTransactionID	Unique identifier of the transaction.	String (60)
ProcessorMID	Merchant identifier of the merchant that performed the transaction; as assigned by the clearing institute.	String (120)

### POS Terminal Exceptions Fields (continued)

Field Name	Definition	Data Type (Length)
POSTerminalException.RequestID	Unique identifier of the transaction processor; for debugging purposes.	Integer (26)
SchemeOperator	Scheme of the credit card.	String (60)
SDKVersion	Version of the software development kit (SDK).	String (30)
StorageMechanism	Source from which payment details have been collected.	String (60)
TerminalID	Terminal identifier of the merchant that performed the transaction.	String (60)
TransactionDate	—	—

## Profile Fields

### Profile Fields

Field Name	Definition	Data Type (Length)
Name	Name of the profile.	VARCHAR2 (30)
ProfileDecision	Decision returned by the profile.	VARCHAR2 (255)
ProfileMode	Activity mode of the profile.	VARCHAR2 (1)
RuleDecision	Decision returned by the rule.	VARCHAR2 (255)
RuleName	Name of the rule.	VARCHAR2 (30)

## Proof XML Fields

### Proof XML Fields

Field Name	Definition	Data Type (Length)
AcquirerBin	Acquiring bank identification number.	—

**Proof XML Fields (continued)**

Field Name	Definition	Data Type (Length)
Date	Transaction date.	—
DirectoryServerURL	Directory server URL.	—
Enrolled	Enrollment indicator.	—
MerchantID	Merchant ID used for transaction.	—
Pan	Customer masked account number.	—
Password	Password.	—

**Recipient Fields****Recipient Fields**

Field Name	Definition	Data Type (Length)
Address	Recipient street address.	—
City	Recipient city.	—
Country	Recipient country.	—
DOB	Recipient date of birth.	—
FirstName	Recipient first name.	—
LastName	Recipient last name.	—
MiddleInitial	Recipient name middle initial.	—
PhoneNumber	Recipient phone number.	—
PostalCode	Recipient postal code.	—
RecipientBillingAmount	Transaction billed amount.	Number (19)
RecipientBillingCurrency	Recipient billing currency.	CHAR (3)
ReferenceNumber	Recipient reference number.	—
State	Recipient state.	—

## Recurring Billing Fields

### Recurring Billing Fields

Field Name	Definition	Data Type (Length)
BillingPeriodLength	Length of the billing period.	VARCHAR2(50 CHAR) NOT NULL
BillingPeriodUnit	Billing period unit. For example, day, week, month.	VARCHAR2(1 CHAR) NOT NULL
PlanPeriodLength	Length of the plan.	VARCHAR2(50 CHAR)
PlanPeriodUnit	Plan period unit. For example, day, week, month.	VARCHAR2(1 CHAR)
PlanDescription	Description of the plan.	VARCHAR2(300 CHAR)
PlanCurrency	Currency of the plan.	VARCHAR2(10 CHAR) NOT NULL
PlanID	Unique identifier of the plan.	VARCHAR2(100 CHAR)
PlanCode	Unique code of the plan.	VARCHAR2(20 CHAR)
SetupFee	Fee for setting up the subscription.	NUMBER
SubscriptionStatus	Current status of the subscription. For example, active or inactive.	VARCHAR2(20 CHAR) NOT NULL
SubscriptionID	Unique identifier of the plan.	NUMBER NOT NULL
SubscriptionCode	Unique code of the subscription.	VARCHAR2(20 CHAR) NOT
SubscriptionName	Unique name of the subscription.	VARCHAR2(100 CHAR) NOT NULL
SubscriptionNextPaymentDate	Date of the next payment for this subscription.	DATE
SubscriptionSuccessfulPayments	Number of successful payments for this subscription.	NUMBER NOT NULL

**Recurring Billing Fields (continued)**

Field Name	Definition	Data Type (Length)
SubscriptionRetryCount	Number of times a failed payment has been retried.	NUMBER
SubscriptionStartDate	Date the subscription starts.	DATE NOT NULL
SubscriptionPaymentAmount	Amount paid for this subscription.	NUMBER NOT NULL
TMSCustomerID	Unique customer ID of a TMS customer in the Cybersource system.	VARCHAR2(100 CHAR) NOT NULL
TMSPaymentInstrumentID	Unique payment instrument ID of a TMS customer in the Cybersource system.	VARCHAR2(100 CHAR) NOT NULL
TMSShippingID	Unique shipping ID of a TMS customer in the Cybersource system.	VARCHAR2(100 CHAR)

**Request Fields****Request Fields**

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
Comments	Optional comments that you can make about the subscription or customer profile.	VARCHAR2(255)	Comments	comments
eCommerceIndicator	Transaction type.	—	—	e_commerce_indicator
LocalizedrequestDate	—	—	[DERIVED]	[DERIVED]
MerchantID	Merchant ID used for the transactions.	VARCHAR2(30)	—	—

### Request Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
MerchantReference Number	Merchant's order reference or tracking number.	Number (38)	MerchantReferenceNumber	merchant_ref_number
PartnerOriginalTransactionID	Partner original transaction identifier.	—	—	partner_original_transaction_id
PartnerSDKVersion	Partner SDK version.	—	PartnerSDKVersion	partner_sdk_version
RequestID	Identifier for the transaction request.	Number (26)	RequestID	request_id
Source	Source of request.	—	Source	source
SubscriptionID	Identifier for the customer profile.	VARCHAR2 (26)	SubscriptionID	subscription_id
TerminalSerialNumber	—	—	TerminalSerialNumber	terminal_serial_number
TransactionDate	Date on which the transaction took place.	Date	RequestDate	transaction_date
TransactionID	—	—	TransactionId	—
TransactionRefNumber	Transaction identifier.	—	TransactionReferenceNumber	trans_ref_no
TransactionType	Transaction type.	—	—	—
User	Information about a user.	VARCHAR2 (30)	—	—
LocalizedRequestDate	Localized request date.	—	—	—

## Risk Fields

### Risk Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
AppliedAVS	Indicates whether or not Address Verification Service rules were applied to the transaction.	—	—	—
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)	—	—
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)	—	—
AppliedCV	Indicates whether or not Card Verification was applied to the transaction.	VARCHAR2 (1)	—	—



### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
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)	—	—
AppliedThreshold	Score threshold applied to the order.	Number (7)	—	—
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)	—	—
AppliedVelocityHedge	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	VARCHAR2 (6)	—	—

### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
	the default value for your merchant ID.			
BinAccountType	Type of customer.	VARCHAR2 (2)	—	score_bin_account_type
BinCountry	Country (two-digit country code) associated with the BIN of the customer's card used for the payment.	VARCHAR2 (2)	—	score_bin_country
BinIssuer	Name of the bank or entity that issued the card account.	VARCHAR2 (128)	—	score_card_issuer
BinScheme	Subtype of card account.	VARCHAR2 (64)	—	score_card_scheme
CodeType	Category of information code returned for an order.	—	—	score_code_type
CodeValue	Description of the information code returned in the <a href="#">&lt;CodeType&gt;</a> element.	—	—	—
ConsumerLoyalty	Indicates whether a loyalty program is used or the number of the loyalty reward account that is used.	VARCHAR2 (1)	—	—

### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
ConsumerPassword Provided	Reserved for future use.	VARCHAR2 (1)	—	—
ConsumerPromotions	Reserved for future use.	VARCHAR2 (1)	—	—
CookiesAccepted	<p>Indicates whether the customer's Web browser accepts cookies. This field can contain one of the following values:</p> <ul style="list-style-type: none"> <li>• <b>true:</b> The customer's browser accepts cookies.</li> <li>• <b>false:</b> The customer's browser does not accept cookies.</li> </ul>	VARCHAR2 (1)	—	—
CookiesEnabled	Indicates whether cookies are enabled in the customer's browser.	VARCHAR2 (1)	deviceFingerPrint_cookiesEnabled	score_device_fingerPrint_cookies_enabled
DeviceFingerPrint	Indicates whether Device Fingerprint is used.	VARCHAR2 (80)	—	—

### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
Factors	Information that affected the score of the order.	VARCHAR2 (100)	—	—
FlashEnabled	Indicates whether Flash is enabled in the customer's browser.	VARCHAR2 (1)	deviceFingerprint_flashEnabled	score_device_fingerprint_flash_enabled
GiftWrap	Reserved for future use.	VARCHAR2 (1)	—	—
HostSeverity	Risk associated with the customer's email domain.	Number (7)	—	—
ImagesEnabled	Indicates whether images are enabled in the customer's browser.	VARCHAR2 (1)	deviceFingerprint_imagesEnabled	score_device_fingerprint_images_enabled
IPCity	Name of the city decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (50)	—	score_ip_city
IPCountry	Name of the country decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (60)	—	score_ip_country

### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
IPRoutingMethod	Routing method decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (30)	—	score_ip_routing_method
IPState	Name of the state decoded from the IP address used directly or indirectly by the customer to send the order.	VARCHAR2 (20)	—	score_ip_state
JavascriptEnabled	Indicates whether JavaScript is enabled in the customer's browser.	VARCHAR2 (1)	deviceFingerprint_javascript Enabled	score_device_fingerprint_javascript_enabled
LostPassword	Reserved for future use.	VARCHAR2 (1)	—	—
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>• <b>low</b>: The product is associated with few chargebacks.</li> </ul>	VARCHAR2 (6)	—	—

### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
	<ul style="list-style-type: none"> <li>• <b>normal:</b> The product is associated with a normal number of chargebacks.</li> <li>• <b>high:</b> The product is associated with many chargebacks.</li> </ul>			
ProxyIPAddress	IP address of the proxy if it is available.	VARCHAR2 (64)	deviceFingerprint_proxyIPAddress	score_device_fingerprint_proxy_ipaddress
ProxyIPAddress Activities	Actions associated with the proxy IP address.	VARCHAR2 (255)	deviceFingerprint_proxyIPAddressActivities	score_device_fingerprint_proxy_ipaddress_activities
ProxyIPAddress Attributes	Characteristics associated with the proxy IP address.	VARCHAR2 (255)	deviceFingerprint_proxyIPAddressAttributes	score_device_fingerprint_proxy_ipaddress_attributes
ProxyServerType	Type of proxy server based on the HTTP header.	VARCHAR2 (12)	deviceFingerprint_proxyServerType	score_device_fingerprint_proxy_server_type
RepeatCustomer	Reserved for future use.	VARCHAR2 (1)	—	—

## Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
ReturnsAccepted	<p>Indicates whether returns are accepted for this order. This field can contain one of the following values:</p> <ul style="list-style-type: none"> <li>• <b>true:</b> Returns are accepted for this order.</li> <li>• <b>false:</b> Returns are not accepted for this order.</li> </ul>	VARCHAR2 (1)	—	—
Score	Total score calculated for the order.	Number	—	—
TimeLocal	Local time of order.	Date	—	score_time_local
TrueIPAddress	Customer's true IP address detected by the application.	VARCHAR2 (64)	deviceFingerprint_trueIPAddress	score_device_fingerprint_true_ipaddress
TrueIPaddressActivities	Actions associated with the true IP address.	VARCHAR2 (255)	deviceFingerprint_trueIPAddressActivities	score_device_fingerprint_true_ipaddress_activities

### Risk Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
TrueIPAddressAttributes	Characteristics associated with the true IP address.	VARCHAR2 (255)	deviceFingerprint_trueIPAddressAttributes	score_device_fingerprint_true_ipaddress_attributes
TrueIPAddressCity	City associated with the true IP address.	VARCHAR2 (50)	deviceFingerprint_trueIPAddressCity	score_device_fingerprint_true_ipaddress_city
TrueIPAddressCountry	Country associated with the true IP address.	VARCHAR2 (2)	deviceFingerprint_trueIPAddressCountry	score_device_fingerprint_true_ipaddress_country

### SCA Exemption Fields

Field Name	Description
SCAExemption	Reason the transaction is exempt from strong customer authentication (SCA) requirements. Possible values: <ul style="list-style-type: none"> <li>• <code>delegated_authentication_exemption_indicator</code></li> <li>• <code>low_value_exemption_indicator</code></li> <li>• <code>risk_analysis_exemption_indicator</code></li> <li>• <code>secure_corporate_payment_indicator</code></li> <li>• <code>trusted_merchant_exemption_indicator</code></li> </ul>
SCAExemptionValues	Number indicating whether the associated SCA Exemption was included in the transaction. Possible values: <ul style="list-style-type: none"> <li>• <code>0</code>: Not exempt.</li> <li>• <code>1</code>: Exempt.</li> </ul>



## Sender Fields

### Sender Fields

Field Name	Definition	Data Type (Length)	SOAPI Value	SCMP Value
Address	Sender address.	—	SenderAddress	sender_addresses
City	Sender city.	—	SenderCity	sender_city
Country	Sender country.	—	SenderCountry	sender_country
DOB	Sender date of birth.	—	SenderDOB	sender_date_of_birth
FirstName	Sender first name.	—	SenderFirstName	sender_firstname
LastName	Sender last name.	—	SenderLastName	sender_lastname
MiddleInitial	Sender name middle initial.	—	SenderMiddleInitial	sender_middle_initial
PhoneNumber	Sender phone number.	—	SenderPhoneNumber	sender_phonenumber
PostalCode	Sender postal code.	—	SenderPostalCode	sender_postal_code
SenderReference Number	Reference number generated by you that uniquely identifies the sender.	VARCHAR2 (16)	SenderReference Number	sender_reference_number
SourceOfFunds	Source of funds.	—	SenderSourceOf Funds	sender_source_of_funds
State	Sender state.	—	SenderState	sender_state

## Settlement Fields

### Settlement Fields

Field Name	Definition	Data Type (Length)
SettlementAge	Settlement aging.	Number

### Settlement Fields (continued)

Field Name	Definition	Data Type (Length)
SettlementAmount	Amount settled for transaction.	Number
SettlementCurrencyCode	Currency code applied to settlement.	VARCHAR2 (3)
SettlementDate	Date settlement applied.	Date
SourceResponseCode	Response code sent from source.	VARCHAR2 (10)
SourceResponseMessage	Response message sent from source.	VARCHAR2 (64)
Status	Settlement status. Possible values: <ul style="list-style-type: none"><li>• <a href="#">S</a> (success)</li><li>• <a href="#">P</a> (pending)</li><li>• <a href="#">F</a> (failed)</li></ul>	VARCHAR2 (10)

## Shipping Fields

### Shipping Fields

Field Name	Definition	Data Type (Length)	SCMP Values
Carrier	Carrier used to ship product.	VARCHAR2 (12)	
Method	Shipping method for the product.	VARCHAR2 (10)	shipping_method

## Ship To Fields

### Ship To Fields

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
Address1	Shipping address first line.	VARCHAR2 (400 CHAR)	shipTo_Address1	ship_to_address1


**Ship To Fields (continued)**

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
Address2	Shipping address second line.	VARCHAR2 (400 CHAR)	shipTo_Address2	ship_to_address2
City	Shipping city.	VARCHAR2 (50 CHAR)	shipTo_city	ship_to_city
CompanyName	—	—	shipTo_companyName	—
Country	Shipping address country.	VARCHAR2 (60 CHAR)	shipTo_country	ship_to_country
FirstName	Recipient first name.	VARCHAR2 (60 CHAR)	shipTo_firstName	ship_to_firstname
LastName	Recipient last name.	VARCHAR2 (60 CHAR)	shipTo_lastName	ship_to_lastname
Phone	Recipient phone number.	VARCHAR2 (100 CHAR)	shipTo_phoneNumber	ship_to_phone
State	Shipping address state or province.	VARCHAR2 (25 CHAR)	shipTo_state	ship_to_state
Zip	Shipping address Zip/postal code.	VARCHAR2 (10 CHAR)	shipTo_postalCode	ship_to_postal_zip

**Tax Fields****Tax Fields**

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
Country	Credit card billing country. Use the two-character ISO Standard Country Codes. When shipTo_country is not provided, billTo_country is used in its place. When billTo_country is set to US or CA, billTo_postalCo	String (15)	billTo_country	bill_country

## Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	de and billTo_state are also required. It is your responsibility to determine whether a field is required for the transaction you are requesting.			
CurrencyCode	—	String (5)	purchaseTotals_currency	currency
LineExemptAmount	—	—	—	—
InvoiceDate	<p>Date of the tax calculation. Use format YYYYMMDD. You can provide a date in the past if you are calculating tax for a refund and want to know what the tax was on the date the order was placed. You can provide a date in the future if you are calculating the tax for a future date, such as an upcoming tax holiday.</p> <div>  <b>Note:</b>  The default is the date, in Pacific time, that the request is received. Keep this in mind if you are in a different time zone and want the tax </div>	String (8)	invoiceHeader_invoiceDate	invoice_date

## Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	calculated with the rates that apply on a specific date.			
JurisdictionCode	—	—	—	—
JurisdictionName	Free-text description of the jurisdiction for the item. For example, San Mateo County. Returned only if the show_tax_per_offer field is set to yes.	String (15)	tax_offer#_jurisdiction#_name	—
JurisdictionType	Free-text description of the jurisdiction for the item. For example, San Mateo County. Returned only if the show_tax_per_offer field is set to yes.	String (15)	taxReply_item#_jurisdiction0..n	—
LineItemAmount	Line Amount total.	String (15)	—	—
LineNo	—	String (15)	—	—
MerchantIdentifier	Merchant ID. Use the same merchant ID for evaluation, testing, and production.	String (30)	merchantID	merchant_id
MerchantReferenceCode	Merchant-generated order reference or tracking number. See <i>Getting Started with Cybersource SCMP API</i> for more information.	String (50)	merchantReferenceCode	merchant_ref_number

### Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
PointOfOrderAcceptanceCity	This item-level field overrides the corresponding request-level field. This field is not used unless the item_#_orderAcceptanceState and item_#_orderAcceptanceCountry fields are present.	String (50)	item_#_orderAcceptanceCity	order_acceptance_city
PointOfOrderAcceptanceCountry	This item-level field overrides the corresponding request-level field. This field is not used unless the item_#_orderAcceptanceState and item_#_orderAcceptanceCity fields are present. Use the two-character ISO Standard CountryCodes.	String (2)	item_#_orderAcceptanceCountry	order_acceptance_country
PointOfOrderAcceptancePostalCode	Order acceptance ZIP/Postal Code.	String (10)	item_#_orderAcceptancePostalCode	order_acceptance_zip
PointOfOrderAcceptanceStateProvince	This item-level field overrides the corresponding request-level field. This field is not used unless the item_#_orderAcceptanceCity and item_#_orderAcceptanceCountry fields are present. Use the State, Province,	String (2)	item_#_orderAcceptanceState	order_acceptance_state

## Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	and Territory Codes for the United States and Canada.			
PointOfOrderOriginCity	Order origin city. This field is not used unless the taxService_orderOriginState and taxService_orderOriginCountry fields are present.	String (50)	taxService_orderOriginCity	order_origin_state
PointOfOrderOriginCountry	This item-level field overrides the corresponding request-level field. This field is not used unless the item_#_orderAcceptanceState and item_#_orderAcceptanceCity fields are present. Use the two-character ISO Standard Country Codes.	String (2)	item_#_orderAcceptanceCountry	order_acceptance_country
PointOfOrderOriginPostalCode	Order origin postal code. This field is not used unless the taxService_orderOriginCity, taxService_orderOriginState, and taxService_orderOriginCountry fields are present.	String (10)	taxService_orderOriginPostalCode	—
PointOfOrderOriginStateProvince	Order origin state. This field is not used unless the taxService_orderOriginCity and taxService_orderOr	String (2)	taxService_orderOriginState	order_origin_state

### Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	iginCountry fields are present. Use the State, Province, and Territory Codes for the United States and Canada.			
ProductCode	Type of product. This value is used to determine the product category: electronic, handling, physical, service, or shipping. The default value is default. To use the tax calculation service, use values listed in the Tax Product Code Guide. For information about this document, contact Customer Support.	String (20)	item_#_productCode	product_code
ProductName	Name of the product. Some services use this value for communication with the customer, so the name should clearly represent the product. For ccAuthService and ccCaptureService, required if item_#_productCode is not default or one of the values related to shipping and handling.	String (30)	item_#_productName	product_name



### Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
ProductSku	Product's identifier code. For ccAuthService and ccCaptureService, required if item_#_productCode is not default or one of the values related to shipping and handling.	String (30)	item_#_productSKU	merchant_product_sku
Quantity	Quantity of the product being purchased.	String (20)	item_#_quantity	quantity
Rate	Jurisdiction tax rate for the item.	String (15)	taxReply_item_#_jurisdiction_#_rate	tax_offer#_jurisdiction#_rate
ReportingDate	Reporting date of any committed transaction. Defaults to current date if not provided. Also the default Tax Calculation Date unless a different date is specified in invoiceHeader_invoiceDate.	String (8)	taxService_reportingDate	tax_reporting_date
RequestIdIdentifier	Identifier for the request.	String (26)	requestId	request_id
ShipFromCity	City from which the order is shipped, which is used to determine tax rules and/or rates applied to the transaction based on sourcing. This field is used only when shipFrom_state	String (50)	shipFrom_city	ship_from_city

### Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	and shipFrom_country are present.			
ShipFromCountry	Country from which the product is shipped, which is used to determine tax rules and/or rates applied to the transaction based on sourcing. This item-level field overrides the corresponding request-level field. Use the two character ISO Standard Country Codes.	String (2)	item_#_shipFromCountry	ship_from_country
ShipFromPostalCode	Postal code from which the product is shipped, which is used to determine tax rules and/or rates applied to the transaction based on sourcing. This item-level field overrides the corresponding request-level field.	String (10)	item_#_shipFromPostalCode	ship_from_zip
ShipFromStateProvince	State from which the order is shipped, which is used to determine tax rules and/or rates applied to the transaction based on sourcing. This field is used only when shipFrom_city and shipFrom_country	String (2)	shipFrom_state	ship_from_state

### Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	are present. Use the State, Province, and Territory Codes for the United States and Canada.			
ShipToCity	City of the shipping address. This field is used only when the shipTo_state and shipTo_country fields are present.	String (50)	shipTo_city	ship_to_city
ShipToCountry	Country of the shipping address. Use the two-character ISO Standard Country Codes. This field is used only when the ship_to_city and ship_to_state fields are present.	String (2)	ship_to_country	ship_to_country
ShipToPostalCode	<p>Postal code for the shipping address. The postal code must consist of 5 to 9 digits. When the shipping country is the U.S., the 9-digit postal code must follow this format:</p> <p>[5 digits][dash][4 digits]</p> <p>Example: 12345-6789</p>	String (10)	shipTo_postalCode	ship_to_zip

## Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
	<p>When the shipping country is Canada, the 6-digit postal code must follow this format:</p> <p>[alpha][numeric][alpha] [space]</p> <p>[numeric][alpha] [numeric]</p> <p>Example: <b>A1B 2C3</b></p>			
ShipToState Province	State or province of the shipping address. Use the State, Province, and Territory Codes for the United States and Canada. The default value for shipTo_state is billTo_state. This field is used only when the shipTo_city and shipTo_country fields are present.	String (2)	shipTo_state	ship_to_state
ShipToStreet	Street of the shipping address.	—	—	ship_to_address 1
StateProvince	This item-level field overrides the corresponding request-level field. This field is not used unless the item_#_orderOriginCity and item_#_orderOriginCountry fields are present.	String (15)	item_#_orderOriginState	order_origin_state

### Tax Fields (continued)

Field Name	Definition	Data Type (Length)	SOAPI Values	SCMP Values
TaxableAmount	—	—	—	—
TaxAmount	Total tax for all items.	String (15)	taxReply_totalTaxAmount	tax_total_tax
TaxName	Name of the jurisdiction tax for the item. For example, CA State Tax.	String (15)	taxReply_item_#_jurisdiction_#_taxName	tax_offer#_jurisdiction#_name
TransactionType	Sale/Refund. Based on refund indicator (refund or not).	—	—	—
UnitPrice	Per-item price of the product. This value cannot be negative.	String (15)	item_#_unitPrice	—

## Token Fields

### Token Fields

Field Name	Definition	Data Type (Length)
NetworkTokenTransType	Network token transaction type.	—
TokenCode	Transaction token code.	VARCHAR (255)

## Travel Fields

### Travel Fields (Decision Manager)

Field Name	Definition	Data Type (Length)
CompleteRoute	Concatenation of individual travel legs.	VARCHAR2 (255)
DepartureDateTime	First leg departure date and time.	Date

**Travel Fields (Decision Manager) (continued)**

Field Name	Definition	Data Type (Length)
JourneyType	Type of travel.	VARCHAR2 (32)
Number	Passenger number.	
PassengerFirstName	Passenger's first name.	VARCHAR2 (60)
PassengerEmail	Passenger's email address, including the complete domain name.	VARCHAR2 (1500)
PassengerId	Ticketed passenger identifier.	VARCHAR2 (32)
PassengerLastName	Passenger's last name.	VARCHAR2 (60)
PassengerPhone	Passenger's phone number.	VARCHAR2 (100)
PassengerStatus	Company's passenger classification, such as frequent flyer program.	VARCHAR2 (32)
PassengerType	Passenger classification associated with the price of the ticket.	VARCHAR2 (32)

## Velocity Morphing Fields

**Velocity Morphing Fields (Decision Manager)**

Field Name	Description
Count	Velocity morphing count information.

## Verify Enrollment Request Fields

**Verify Enrollment Request Fields**

Field Name	Definition	Data Type (Length)
AcquirerBin	Acquiring bank identification number.	—
MerchantID	Merchant identifier.	—
Pan	Customer masked account number.	—

## Verify Enrollment Response Fields

**Verify Enrollment Response Fields**

Field Name	Definition	Data Type (Length)
AccountID	Account identifier.	—
AcsUrl	ACS URL.	—
Enrolled	Indicates enrollment verified.	—

## Card-Present Fields

The fields in the following table are available in the [Transaction Request \(on page 58\)](#) only for card-present transactions.

**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>This value is not sent to the processor but is used for reporting purposes.</p>	String (32)

### Card-Present Field Definitions for the Transaction Request Report (continued)

Field Name	Definition	Data Type and Field Length
	This field is supported only on American Express Direct and SIX.	
PaymentData.AcquirerMerchantNumber	Identifier that was assigned to you by your acquirer. This value must be printed on the receipt.  This field is supported only on American Express Direct and SIX.	String (15)
PaymentData.CardPresent	Indicates whether the card is present at the time of the transaction. Possible values:  <ul style="list-style-type: none"> <li>• <b>N</b>: Card is not present.</li> <li>• <b>Y</b>: Card is present.</li> </ul>	String (1)
PaymentData.CardVerificationMethod	Method that was used to verify the cardholder's identity. Possible values:  <ul style="list-style-type: none"> <li>• <b>0</b>: No verification</li> <li>• <b>1</b>: Signature</li> <li>• <b>2</b>: PIN</li> </ul> <p>This field is supported only on American Express Direct, OmniPay Direct, and SIX.</p>	Integer (1)
PaymentData.EMVRequestFallback	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:  Swipe the card or key the credit card information into the POS terminal.  Use the <b>pos_entryMode</b> field to indicate whether the information was swiped or keyed.  Possible values:  <ul style="list-style-type: none"> <li>• <b>true</b>: Fallback method was used.</li> </ul>	String (5)



### Card-Present Field Definitions for the Transaction Request Report (continued)

Field Name	Definition	Data Type and Field Length
	<ul style="list-style-type: none"> <li>• <b>false</b> (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>	
PaymentData.IssuerResponseCode	<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>• <b>0</b>: No verification</li> <li>• <b>1</b>: Signature</li> <li>• <b>2</b>: PIN</li> </ul> <p>This field is supported only on American Express Direct, OmniPay Direct, and SIX.</p>	Integer (1)
PaymentData.POSCatLevel	<p>Type of cardholder-activated terminal. Possible values:</p> <ul style="list-style-type: none"> <li>• <b>1</b>: Automated dispensing machine</li> <li>• <b>2</b>: Self-service terminal</li> <li>• <b>3</b>: Limited amount terminal</li> <li>• <b>4</b>: In-flight commerce (IFC) terminal</li> <li>• <b>5</b>: Radio frequency device</li> <li>• <b>6</b>: Mobile acceptance terminal</li> <li>• <b>7</b>: Electronic cash register</li> <li>• <b>8</b>: E-commerce device at your location</li> </ul>	Nonnegative integer (1)

## Card-Present Field Definitions for the Transaction Request Report (continued)

Field Name	Definition	Data Type and Field Length
	<ul style="list-style-type: none"> <li>• <b>9</b>: Terminal or cash register that uses a dial-up connection to the transaction processing network</li> </ul> <p><b>Chase Paymentech Solutions</b></p> <p>Only values <b>1</b>, <b>2</b>, and <b>3</b> are supported.</p> <p><b>FDC Nashville Global</b></p> <p>Only values <b>7</b>, <b>8</b>, and <b>9</b> are supported.</p> <p><b>GPN</b></p> <p>Only values <b>6</b>, <b>7</b>, <b>8</b>, and <b>9</b> are supported.</p> <p><b>TSYS Acquiring Solutions</b></p> <p>Only value <b>6</b> is supported.</p>	
PaymentData.POSEntry Mode	<p>Method of entering credit card information into the POS terminal. Possible values:</p> <ul style="list-style-type: none"> <li>• <b>contact</b>: Read from direct contact with chip card.</li> <li>• <b>contactless</b>: Read from a contactless interface using chip data.</li> <li>• <b>keyed</b>: Manually keyed into POS terminal. This value is not supported on OmniPay Direct or SIX.</li> <li>• <b>msd</b>: Read from a contactless interface using magnetic stripe data (MSD). This value is not supported on OmniPay Direct.</li> <li>• <b>swiped</b>: Read from credit card magnetic stripe.</li> </ul>	String (11)

## Card-Present Field Definitions for the Transaction Request Report (continued)

Field Name	Definition	Data Type and Field Length
	The <a href="#">contact</a> , <a href="#">contactless</a> , and <a href="#">msd</a> values are supported only for Europay, Mastercard, and Visa (EMV) transactions.	
PaymentData.POS Environment	<p>Operating environment. Possible values:</p> <ul style="list-style-type: none"> <li>• <a href="#">0</a>: No terminal used, or unknown environment.</li> <li>• <a href="#">1</a>: On merchant premises, attended.</li> <li>• <a href="#">2</a>: 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>• <a href="#">3</a>: Off merchant premises, attended. Examples: portable POS devices at trade shows, at service calls, or in taxis.</li> <li>• <a href="#">4</a>: 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>• <a href="#">5</a>: On premises of cardholder, unattended.</li> <li>• <a href="#">9</a>: Unknown delivery mode.</li> <li>• <a href="#">S</a>: Electronic delivery of product. Examples: music, software, or eTickets that are downloaded over the Internet.</li> <li>• <a href="#">T</a>: Physical delivery of product. Examples: music or software that is delivered by mail or by courier.</li> </ul>	String (1)

### Card-Present Field Definitions for the Transaction Request Report (continued)

Field Name	Definition	Data Type and Field Length
	For Mastercard transactions, the only valid values are <a href="#">2</a> and <a href="#">4</a> .	
PaymentData.RoutingNetworkType	—	—
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>This value is not sent to the processor but is used for reporting purposes.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>• <a href="#">Y</a> (SCMP) / <a href="#">true</a> (SO API)</li> <li>• <a href="#">N</a> (SCMP) / <a href="#">false</a> (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 value is neither verified nor modified before it is passed to the processor.</p>	String (8)
Request.PartnerOriginalTransactionID	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.	String (32)

## Card-Present Field Definitions for the Transaction Request Report (continued)

Field Name	Definition	Data Type and Field Length
	<p>Therefore, you can use this value to reconcile transactions between Cybersource and the terminal's software.</p> <p>This value is not sent to the processor but is used for reporting purposes.</p> <p>This field is supported only on American Express Direct and SIX.</p>	
Requst.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>This value is not sent to the processor but is used for reporting purposes.</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>This value is not sent to the processor but is used for reporting purposes.</p> <p>This field is supported only on American Express Direct and SIX.</p>	String (32)

## Fields with Compound Values

Some of the new reports contain different field names and headers. In some cases, multiple fields have been combined into a single field with values separated by commas. For example, the `rcode`, `rflag`, and `rmsg` responses for each application have been combined into `ics_rcode`, `ics_rflag`, and `ics_rmsg`. If a transaction called the `ics_auth` and `ics_bill` applications, the `ics_rcode` field could contain 1,1.

### Fields with Compound Values

Application Fields
--------------------

### Fields with Compound Values (continued)

Rcode	ReasonCode	Rflag
Name	Rmsg	
<b>Health Care Fields</b>		
amount	amountType	currency
industryType		
<b>Line Item Fields</b>		
FulfillmentType	Quantity	UnitPrice
TaxAmount	MerchantProductSku	NameOfProduct
TypeOfProduct	InvoiceNumber	Number
<b>Payment Method Fields</b>		
CardType	ExpirationMonth	ExpirationYear
StartMonth	StartYear	IssueNumber
AccountSuffix	BoletoNumber	BoletoBarCodeNumber
CardCategory	CardCategoryCode	WalletType
CheckNumber	MandateId	MandateType
SignatureDate	EffectiveDate	AccountType
TypeDescription	OverridePaymentMethod	Type
<b>Payment Data Fields</b>		
AuthorizationType	AuthorizationCode	AVSResult
CurrencyCode	AVSResultMapped	CVResult
ProcessorResponseCode	NumberOfInstallments	ACHVerificationResult
ACHVerificationResultMapped	BalanceAmount	BalanceCurrencyCode
RequestedAmount	RequestedAmountCurrencyCode	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVStreet
EVStreetRaw	EVPostalCode	EVPostalCodeRaw

### Fields with Compound Values (continued)

BinNumber	Amount	PaymentRequestID
PaymentProcessor	TotalTaxAmount	EventType
GrandTotal	ECI	AAV_CAVV
XID	TargetAmount	TargetCurrency
ExchangeRate	ExchangeRateDate	DCCIndicator
BankCode	BankAccountName	AuthIndicator
AuthReversalResult	AuthReversalAmount	CardPresent
POSEntryMode	EMVRequestFallback	TerminalIDAlternate
POSCatLevel	CardVerificationMethod	POSEnvironment
RoutingNetworkType	StoreAndForwardIndicator	PinType
IssuerResponseCode	AcquirerMerchantNumber	NetworkCode
MandateReferenceNumber	ProcessorTID	ProcessorTransactionID
ProcessorMID	PaymentProductCode	AcquirerMerchantID
SubMerchantCity	SubMerchantCountry	SubMerchantEmail
SubMerchantID	SubMerchantName	SubMerchantPhone
SubMerchantPostalCode	SubMerchantState	SubMerchantStreet
TransactionRefNumber	eCommerceIndicator	CustomerAccountID
BatchFilesID	SolutionType	AuthFactorCode
EMVServiceCode	AFTIndicator	SalesSlipNumber
JpoJccaTerminalID	JpoPaymentMethod	ShopName
ShopNameLocal	ShopNameKatakana	POSTerminalCapability
MerchantCategoryCode		

# Frequently Asked Questions

This section includes responses to common questions and scenarios you might encounter while using reports in the Business Center.

## ***Can I order my fields in an XML downloadable report?***

The XML industry standards do not require field order to be specified. All industry standard XML parsers are compatible with unordered elements. For more information, see [https://www.w3schools.com/xml/el\\_all.asp](https://www.w3schools.com/xml/el_all.asp).

## ***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. Reports for partners also may require longer than 6 hours to generate.

## ***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.

## ***Where can I find report field descriptions?***

See [Report Fields and Descriptions](#) (on page 59).

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

For a list of available fields in each report, see [Fields and Descriptions for Downloadable Reports](#) (on page 59).

## ***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`. You can find additional information related to the decline in the **RFlag** and the **RMsg** fields.

## ***How do I interpret an authorization reply flag (rFlag)?***

For more information, see [Reply Flags & Messages on the Customer Support site](#).

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

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



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

The Invoice Summary report is designed to run on the same cycle as your 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 monthly invoice?***

To create a one-time Invoice Summary report that reflects your monthly 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.

***Can I reconcile the Payment Batch Detail Report with the same report in the old 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 old Business Center, schedule the report to begin at 12:00 AM PST. In this case, the two reports will contain the same transactions.

***Is the Acquirer Reference Number (ARN) is reflected in any acquiring reports?***

It is exposed as Transaction Reference Number in the Business Center reports. The GPN returns the ARN, which is a combination of the Cybersource [trans\\_ref\\_no](#) field with some specific information from Global Payments.

# Financial and Reconciliation Reports

The Business Center enables merchants processing credit card or alternate payments to generate reports containing financial / reconciliation data. For alternate payment merchants, reporting supports both direct merchants and those using financial service providers. For more information about payment processing for alternate payments, see the [Alternate Payment Services support documentation](#).

 **Note:** Based on the acquirer and processor you use, one or more of the reports in this section may be available. Contact your representative for more information about which reports are applicable to your organization.

For instructions on creating report subscriptions and generating downloadable reports, see [Creating and Accessing Downloadable Reports \(on page 11\)](#).

## Financial / Reconciliation Reports

Report Name	Description
Aging Details	Displays transactions which have been settled but not funded, by age.
Chargeback and Retrieval Details	Reflects all chargeback activity.  Each chargeback is displayed, and the report indicates if there was any financial impact.
Deposit Details	Displays what deposits and debits were made to the financial institution account.  Each ACH item is displayed with an ACH description (Settlement, Chargeback, Fees, etc.), and whether the money was deposited or debited from the bank account.
Fee Details	Displays the interchange, Discount, and Assessment fees for each transaction.  Alternate payment merchants see Service Fees.
Funding Details	Lists all settled transactions from the daily batch.

## Financial / Reconciliation Reports (continued)

Report Name	Description
Processor Settlement Details	All settlement responses sent by your acquirer, by transaction and status.
Net Funding	

## Fields Available in Financial Reports

The following sections contain details for the fields that are available in each report. For more information about specific fields (including description, field type, and field length); see [Report Fields and Descriptions \(on page 59\)](#).

## Aging Details Report

### Fields Available in the Aging Details 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>		

**Fields Available in the Aging Details Report (continued)**

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

**Fields Available in the Aging Details Report (continued)**

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 (*)	MerchantReference Number
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		
AppliedAVS	AppliedCV	AppliedCategoryGif t
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

**Fields Available in the Aging Details Report (continued)**

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 Details Report

## Fields Available in the Chargeback and Retrieval Details 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
CaseIdentifier	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>		

**Fields Available in the Chargeback and Retrieval Details Report (continued)**

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



### Fields Available in the Chargeback and Retrieval Details Report (continued)

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
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerTypes
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes
TrueIPAddressCity	TrueIPAddressCountry	TrueIPAddressActivities

**Fields Available in the Chargeback and Retrieval Details Report (continued)**

Sender Fields		
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 Details Report

**Fields Available in the Deposit Details Report**

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

# Fee Details Report

## Fields Available in the Fee Details 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 (*)
DiscountCurrency (*)	DiscountRate	DowngradeReasonCode
InterchangeAmount (*)	InterchangeCurrency (*)	InterchangeRate
PerItemFeeAmount	PerItemFeeCurrency	PricedInterchangeLevel
ServiceFeeAmount	ServiceFeeAmountCcy	ServiceFeeFixedAmount
ServiceFeeFixedAmountCcy	ServiceFeeRate	SettlementAmount (*)
SettlementCurrency (*)	SettlementTime (*)	SettlementTimeZone (*)
SourceDescriptor	TotalFeeAmount (*)	TotalFeeCurrency (*)

## Fields Available in the Fee Details Report (continued)

<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

**Fields Available in the Fee Details Report (continued)**

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
CookiesEnabled	DeviceFingerPrint	Factors
FlashEnabled	GiftWrap	HostSeverity
IPCity	IPCountry	IPRoutingMethod
IPState	ImagesEnabled	JavascriptEnabled
LostPassword	ProductRisk	ProxyIPAddress
ProxyIPAddressActivities	ProxyIPAddressAttributes	ProxyServerType
RepeatCustomer	ReturnsAccepted	Score
TimeLocal	TrueIPAddress	TrueIPAddressAttributes

**Fields Available in the Fee Details Report (continued)**

TrueIPAddressCity	TrueIPAddressCountry	TrueIPAddressActivities
Sender Fields		
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	

## Funding Details Report

**Fields Available in the Funding Details 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

**Fields Available in the Funding Details Report (continued)**

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 (*)	FundingProcessorMess age
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>		
AAV_CAVV	ACHVerificationResult	ACHVerificationResult Mapped
AVSResult	AVSResultMapped	Amount
AuthIndicator	AuthReversalAmount	AuthReversalResult
AuthorizationCode	AuthorizationType	BalanceAmount
BalanceCurrencyCode	BinNumber	CVResult

**Fields Available in the Funding Details 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 (*)	MerchantReferenceNu mber
RequestID (*)	Source	SubscriptionID
TransactionDate (*)	User	
<b>Risk Fields</b>		



**Fields Available in the Funding Details Report (continued)**

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

**Fields Available in the Funding Details Report (continued)**

PassengerStatus	PassengerType	
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## Settlement Details Report

**Fields Available in the Settlement Details 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>		

**Fields Available in the Settlement Details Report (continued)**

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	

## Fields Available in the Settlement Details Report (continued)

<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>Settlement Fields</b>		
SettlementAmount (*)	SettlementCurrencyCode (*)	SettlementDate (*)
SourceResponseCode	SourceResponseMessage	Status
<b>ShipTo Fields</b>		

### Fields Available in the Settlement Details Report (continued)

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	

## Net Funding

You can view the daily interchange, discount, and standard assessments in the Net Funding report. Some month-end fees, such as authorizations, are detected at the end of the month and appear in the Net Funding report on that particular day. Total Net Funding is obtained after subtracting chargebacks, fees, and any other negative amounts.

By default, the report shows data from the prior day, but you can also choose to view by the previous week, previous month, previous three months, or previous six months. You can also choose to export the data to a CSV, XML, or JSON file.

The Net Funding report is available only to select merchants. For more information, contact your representative.

## Viewing the Net Funding Report

1. In the left navigation panel, click the **Reporting** icon.
2. Under Financial Reports, click **Net Funding**. The Net Funding page appears.
3. In the search toolbar, select the **Date Range** of transactions to be included in the report. Account-level users can also select a merchant or group.

4. Select the **Currency** in which you want transactions to appear.
5. Click **Export** and choose your desired file format.
6. Follow your browser's instructions to open and save the file.

# Original Credit Transaction Reports for Acquirers

An Original Credit Transaction (OCT) is a financial transaction that delivers funds directly to a recipient's eligible account. Unlike a purchase transaction, which debits a cardholder's account, an OCT credits the cardholder's account.

The funds flow in a different direction than in typical card transaction. A full financial BIN is required and the liability to pay lies with the acquirer. Once the issuer accepts the transaction the transaction is completed and funds are pulled from the acquirer in the next settlement window. There are no reversals or chargebacks that can be originated by the acquirer.

Original Credit Transactions can be used for a variety of services:

- Money Transfers
- Funds Disbursements
- Prepaid Loads
- Merchant Settlements
- Credit Card Bill Payments
- Loyalty and Offers
- Wallet Transfers

For instructions on creating report subscriptions and generating these reports, see [Creating and Accessing Downloadable Reports \(on page 11\)](#).

## Acquirer Original Credit Transaction Reports

Report Name	Description
Acquirer Detail Report	Provides a detailed listing of all OCT transactions.
Acquirer Exception Detail Report	Provides exception transactions for one processing day.
Acquirer Chargeback Detail Report	Provides chargebacks and chargeback reversal transactions received by the acquirer during the processing day.
Acquirer Reconciliation Summary Report	Provides a summary of total OCT transactions and total amount processed.

# Fields Available in Original Credit Transaction Reports

The following sections contain details for which fields are available in each report. For more information about specific fields, including descriptions, field type and length, see [Report Fields and Descriptions \(on page 59\)](#).

## Acquirer Detail Report

### Fields Available in the Acquirer Detail Report

Additional Information Fields		
CardAcceptorID	CardAcceptorName	CardAcceptorTerminalID
ForwardingInstitutionID	IssuerAffiliateBIN	MerchantType
RecurringPaymentIndicator Flag		
Fee Fields		
ReimbursementFee	ReimbursementFeeDebit CreditIndicator	SettlementServiceIndicator
TransactionIntegrityFee	TransactionIntegrityFeeDebitCreditIndicator	
Settlement Fields		
CardholderBillingAmount	CardholderBillingCurrency Code	OctSettlementAmount
OctSettlementCurrency Code	RateTableDate	
Transaction Details Fields		
AcquirerBusinessID	AcquiringInstitutionID	AffiliateBIN
AuthorizationIDRespCode	BatchNumber	BusinessApplicationIdentifier
CardNumber	CurrencyCodeFor TransactionAmount	DCCIndicator
DataRecipient	DestinationStationID	DowngradeReasonCode
FundsTransferSRE	IssuerAcquirerIndicator	MVVCode



**Fields Available in the Acquirer Detail Report (continued)**

MerchantID	MessageReasonCode	NetworkID
OnlineSettlementDate	PaymentMethodDescription	PaymentMethodType
ProcessingCode	ProcessorID	ProductID
ProductSubtype	RequestID	RequestMessageType
ResponseCode	RetrievalReferenceNumber	SettlementRptEntity
STIPReasonCode	SettlementDate	SourceMerchantID
SourceOfFunds	SourceStationID	TraceNumber
TransactionAmount	TransactionIdentifier	VssProcessingDate

## Acquirer Chargeback Detail Report

**Fields Available in the Acquirer Chargeback Detail Report**

Chargeback Fields		
ChargebackReferenceNumber	ClientCaseNumber	DisputeCondition
DisputeStatus	DocumentationIndicator	MessageText
MessageType	TransmissionDate	UsageCode
VROLBundledCaseNumber	VROLCaseNumber	VROLFinancialID
Transaction Details Fields		
AcquirerBusinessID	AcquiringInstitutionID	CurrencyCodeForTransactionAmount
MerchantID	PaymentMethodDescription	PaymentMethodType
RequestID	SettlementDate	SourceMerchantID
TraceNumber	TransactionAmount	

# Acquirer Exception Detail Report

## Fields Available in the Acquirer Exception Detail Report

Additional Information Fields		
CardAcceptorID	CardAcceptorName	CardAcceptorTerminalID
ForwardingInstitutionID	IssuerAffiliateBIN	MerchantType
RecurringPaymentIndicator Flag		
Fee Fields		
ReimbursementFee	ReimbursementFeeDebit CreditIndicator	SettlementServiceIndicator
TransactionIntegrityFee	TransactionIntegrityFeeDebitCreditIndicator	
Settlement Fields		
AcquirerBusinessID	AcquiringInstitutionID	AffiliateBIN
AuthorizationIDRespCode	BatchNumber	BusinessApplicationIdentifier
CardNumber	CurrencyCodeFor TransactionAmount	DCCIndicator
DataRecipient	DestinationStationID	DowngradeReasonCode
FundsTransferSRE	IssuerAcquirerIndicator	MVVCode
MerchantID	MessageReasonCode	NetworkID
OnlineSettlementDate	PaymentMethodDescription	PaymentMethodType
ProcessingCode	ProcessorID	ProductID
ProductSubtype	RequestID	RequestMessageType
ResponseCode	RetrievalReferenceNumber	SettlementRptEntity
STIPReasonCode	SettlementDate	SourceMerchantID
SourceOfFunds	SourceStationID	TraceNumber
TransactionAmount	TransactionIdentifier	VssProcessingDate

# Acquirer Reconciliation Summary Report

## Fields Available in the Acquirer Reconciliation Summary Report

OCT Summary Fields		
AccountID	CardAcceptorID	MerchantID
ResellerID	SettlementAmountCurrency	SettlementDate
TotalAmountProcessed	TotalAmountSettled	TotalFee
TotalTransactionsProcessed	TotalTransactionsSettled	TransactionAmountCurrency