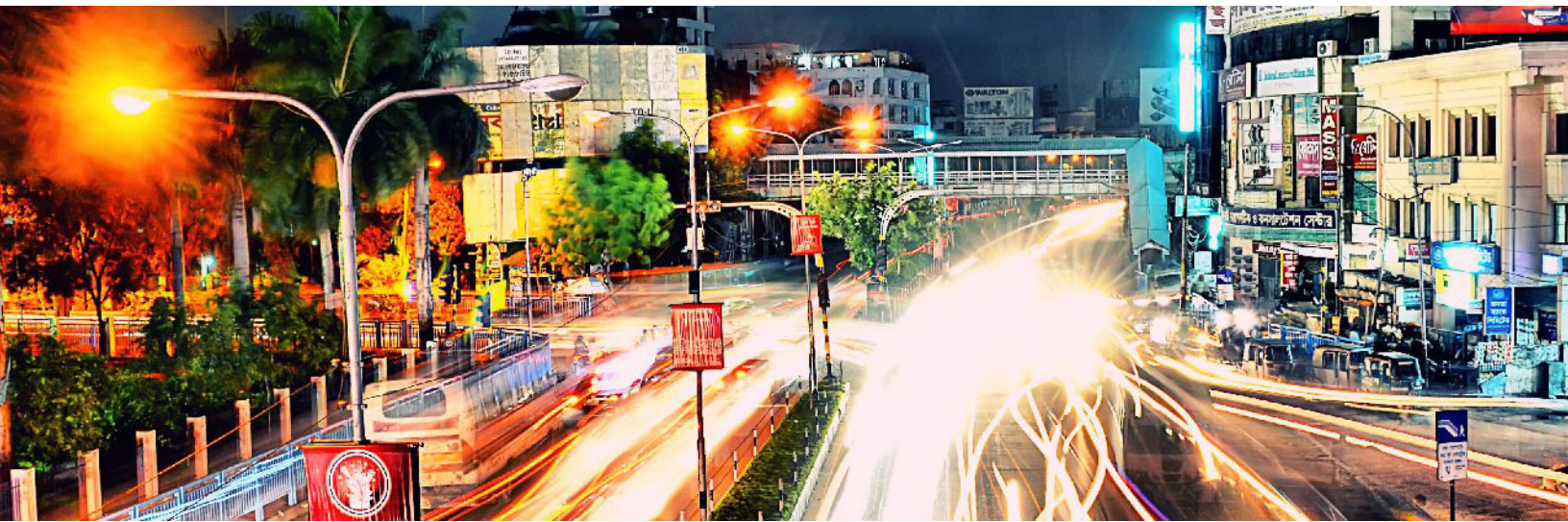


Enterprise Business Center Reporting Migration Guide



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Recent Revisions to This Document

Release	Changes
May 2020	This revision contains only editorial changes and no technical updates.
March 2020	Updated information about SolutionType field in Differences in SolutionType Values, page 54 .
January 2020	Updated list of compound fields in " Field Differences in CSV Reports, " page 36 .
October 2019	Added information about multiple field values in " Field Differences in CSV Reports, " page 36 .
September 2019	This revision contains only editorial changes and no technical updates.
August 2019	Updated " Field Differences in CSV Reports, " page 36 .

About This Guide

This guide will:

- Introduce you to the new reports
- Help you transition from legacy to new reports

This guide is for merchants or partners who used the legacy reporting features in the old Business Center, and who are beginning to use the new reporting features in the New Business Center. It contains information that will help you transition from the legacy reports to the new reports. For a more detailed description of the new reporting module, see the [Reporting User Guide](#).

The new Business Center offers new reports. For a period of time, you can use either legacy reports in the old Business Center, or new reports in the new Business Center. This is known as the dual access period. During this period, click the “Back to Classic” button in the header of the new Business Center to get back to the old Business Center.

Merchants were transitioned to the new Business Center beginning in early 2019. Once you are transitioned, you will have 60 days of dual access. You will receive a notification of your exact transition date. After the dual access period, you will no longer have access to the old Business Center, and will not be able to download reports from the old Business Center.

If you access the legacy reports programmatically, you can continue to use the old programmatic access methods (servlets) until July 31, 2019. After July 31, 2019, the old servlets will be retired. After this date, you will no longer be able to access old reports via servlets.

REST APIs for downloading reports are available in our [Developer Center](#).



There will be some differences between the old and the new reports. See "[All Reports and What will Happen to Them](#)," page 24 for details.

For more information on new reports and features, see the [Reporting User Guide](#).



To make getting started easier, some reports were set up for you in the new platform, based on your usage of the old platform. Reports that are not used (downloaded in the last 90 days) will not be recreated in the new portal.

Audience

This guide is for merchants or partners who used the reporting features of the old Business Center and are moving to the new Business Center.

Users of Decision Manager's Rule Performance Reports, Case Management Performance Reports, Decision Manager Detail Report, and Payer Auth Reports should refer to the Decision Manager User Guide for information on these reports.

Conventions

Note Statements



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

Text and Command Conventions

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

Related Documents

- [Reporting User Guide](#)
- [New Business Center User Guide](#)
- [Reporting REST API Developer Guide](#)

Refer to the Support Center for complete CyberSource technical documentation:

http://www.cybersource.com/support_center/support_documentation

Customer Support

For support information about any CyberSource service, visit the Support Center at:

<http://www.cybersource.com/support>

Getting Started

The steps below will help you get started with using reports in the new Business Center.

Table 1 Getting Started Using Reports

Step	Task	Notes/Resources
1	Become familiar with reporting in the new Business Center.	View the training series on our YouTube channel.
2	Use " All Reports and What will Happen to Them ," page 24 , to find each report you were using in the old platform.	This table lists all of the reports in the old platform, and explains where to find them in the new platform.
3	Locate your Classic reports or create new ones.	<p>If you were using detail reports (such as the Transaction Detail Report or the Payment Batch Detail Report) in the old platform, some of these reports have been created for you in the new platform. To locate these, navigate to Reports>Downloadable Reports>Available Reports, and click on the Classic Reports tab.</p> <p>If you don't have any Classic reports, you can enable a Standard report or create a Custom report.</p> <p>For more information around where to find a particular report in the new platform, see "All Reports and What will Happen to Them," page 24.</p> <p>For more information on using the downloadable reports, see "Downloadable Reports," page 11.</p>

Table 1 Getting Started Using Reports (Continued)

Step	Task	Notes/Resources
4	Understand the new reports, including any field name changes or XML format changes.	<p>If you were using detail reports (such as the Transaction Detail Report or the Payment Batch Detail Report) in the old platform, you will want to understand the report differences, particularly CSV field name changes, or changes to the XML structure.</p> <p>See "Field Differences in CSV Reports," page 36 and "Differences in XML Reports," page 49 for details.</p>
5	Download your reports using our REST APIs	<p>If you were programmatically downloading your reports in the old platform, you will need to download the new reports using our REST APIs.</p> <p>To get started, see the Servlet to REST Migration Guide.</p> <p>Note You can use sample code from our Github repository to create an authentication signature to use with the REST API.</p>
6	Switch from Single Transaction Query Servlet to Transaction Search REST API to search for transactions.	<p>If you were using query servlet to search for transactions by Merchant Reference Number or Request ID (often called Single Transaction Query), you will need to switch to our REST APIs to get this data.</p> <p>To get started, see the Servlet to REST Migration Guide.</p>

Downloadable Reports

The Downloadable Reports module replaces the old Report Search page. In the Downloadable Reports module, the user can find reports available for download, as well as create and customize report subscriptions.

See the [Reporting User Guide](#) for detailed information about downloadable reports and a list of all report types.

Understanding Report Types

The Business Center makes numerous reports available to users. To make it easier to find reports, they have been organized into tabs according to type:

- Standard reports—contains reports based off of pre-defined report subscriptions.
- Custom Reports—contains reports that the user has created or customized using a pre-defined report.
- Classic Reports—contains new reports that have been configured for you based on your legacy subscriptions.
- Third Party Reports—contains any files from a third-party, typically your payment processor.
- Legacy Reports—contains an archive of your legacy reports.



A tab may be empty if there are no reports in that category to display.

To locate reports for download, in the left navigation, click **Reports > Available Reports**.

For more information on using Available Reports and Managing Reports, see the [Reporting User Guide](#). For more information on individual reports, see "[All Reports and What will Happen to Them](#)," page 24.

Classic Versus Legacy Reports

Classic reports are reports in the new Business Center that have been configured for you, based on your usage of legacy reports. In this guide, “legacy” refers to reports from the old Business Center.

Your Classic report subscriptions are created to match your legacy subscriptions as closely as possible. In some cases, your Classic reports will contain the same fields, field names, field order (for CSV reports), format, and transactions. In other cases, there will be field name or XML format changes.



The Classic reports are similar to the legacy reports, but they are not exactly the same. See ["All Reports and What will Happen to Them," page 24](#) for details.

Legacy reports are your reports from the old Business Center. They have been copied over and will remain on the Legacy tab for the duration of their data retention period.

Downloadable Report FAQs

Will my Classic reports have the same data as my old reports?

In some cases, the old and the new Classic reports will contain the same transactions and the same report fields, in the same order.

Will my “Classic” reports be available at the same time of day?

Your classic reports will be generated and available for you to download at the same time of day (or earlier) as your old reports.

Will my Classic reports use the same field names?

Your classic reports will use the same field naming convention as your legacy reports. In a limited number of cases, field names will be different. See ["Field Differences in CSV Reports," page 36](#).

Can I modify or delete my Classic report subscriptions?

You copy and edit (Save As) or delete a Classic report subscription. For more information on editing reports, see to the [Reporting User Guide](#). If you save a new version of your report, it becomes a Custom report.

Will my Classic report subscriptions ever be removed from the new Business Center?

Your Classic report subscriptions will not be removed from the new Business Center. In the future, if you no longer need these subscriptions, you can delete them.

How can I validate that my new reports will contain the same transactions as the old reports?

The new and old reports will contain the same transactions, provided that the reports cover the same window of time. If you are trying to create a custom report that aligns with your old report, make sure the window of time is the same. Most reports in the old Business Center run from 12:00am to 12:00am Pacific.

What will happen to my legacy report from the old platform?

You will find your legacy reports in the new Business Center on the “Legacy” tab.

After the retirement of the old Business Center, these reports will remain available for download in the new Business Center until the data retention period has expired. See the [Reporting User Guide](#) for information on data retention.

Why do new reports appear to have a date of one day later than I am accustomed to in the old Business Center?

Legacy reports were usually given a “report date” matching the transactions contained in the report, even though the report was usually delivered on the next calendar day.

The new reporting module includes two date concepts:

- Transaction date range—the window of time covered by the report.
- Generate date—the date on which the report was completed.

For example, the old Payment Batch Detail Report dated September 9, 2017 contained transactions from September 9th, but the report is not available for download until September 10th.

The Available Reports page will show both the transaction date range and the generate date.

I didn't create any Standard reports. Why do I have Standard report subscriptions?

Merchants boarded onto the platform after September 2017 are automatically given a default set of standard report subscriptions. These are provided to make getting started with reporting easier. If these reports suit your needs, there is no need to do anything else. If you want to modify the reports, or create entirely new reports, see the [Reporting User Guide](#) for details and instructions.



If you have already modified one of your standard reports, you will find it on the “Custom” tab.

How long will my generated reports be saved?

Refer to the [Reporting User Guide](#) for data retention policies.

How can I programmatically access my reports?

Programmatic access to download and manage new reports will be offered through a REST API, which you can find at our [Developer Center](#).

What are some of the features and benefits of the new reports?

Customizations—The new reporting features offer more customizations than the old reports. For example, you may want to add or remove fields from your report, or have your report run at a particular time of day to suit your business need.

Report filtering—You can filter your reports so they contain one or more of the types of transactions you are interested in. For example, you may want to create a daily recurring report that contains only credit card credits.

One-Time reporting—These are ad-hoc reports you can create that cover a period of time in the past, up to 31 days.

Several other configuration options—These are designed to give you more control over the contents and format of your report.

For more information on these and other features, please refer to the [Reporting User Guide](#).

On-Demand Reports

On-Demand reports are preconfigured reports containing fields specifically designed to be viewed in the browser. Some of these reports support export functionality. On-Demand reports are different from downloadable reports because downloadable reports cannot be viewed in your browser. The on-demand reports include:

- Payment Batch Summary Report
- Purchase and Refunds Detail Report
- Net Funding Report
- Notification of Change Report

Not all users will have access to all of these reports.



Payment Batch Summary Report

The Payment Batch Summary report shows total sales and refunds by currency and payment method. The data is exportable as CSV or XML. This report is a new version of the old Payment Batch Detail report, and contains the same transaction counts and amounts as the old version.

You can find this report in the Business Center left navigation under **Reports > Transaction Reports > Payment Batch Summary Report**.

Report Differences

The report is now available to all merchants or account-level users. The old report was only available to merchants if they were given access by the account level user, or during onboarding.

Figure 1 Old Payment Batch Summary Report

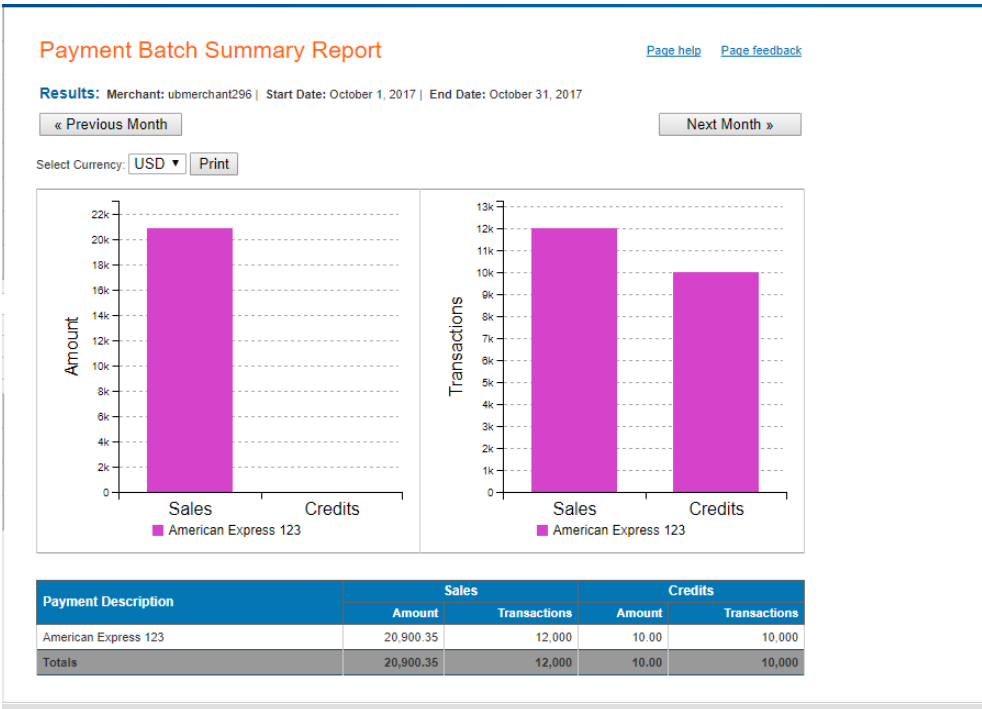
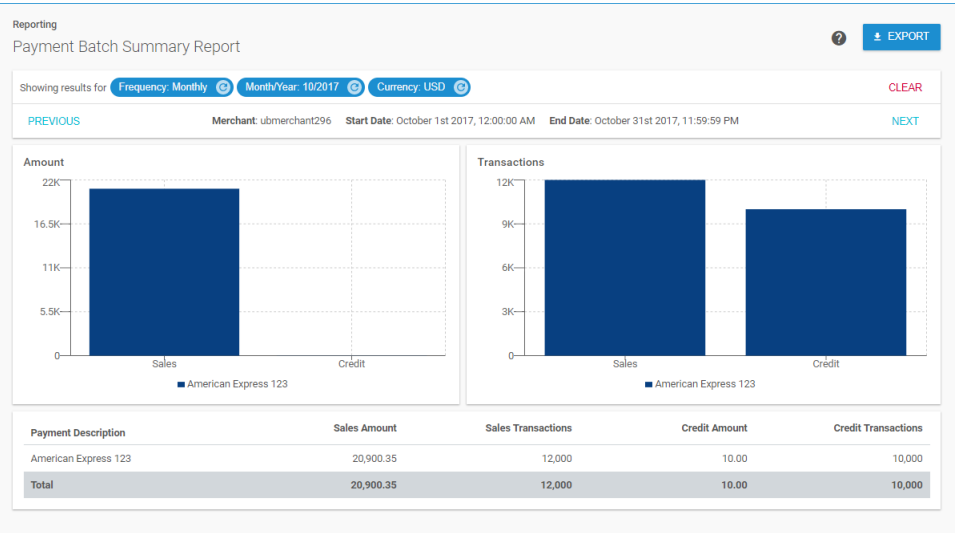


Figure 2 New Payment Batch Summary Report



Purchase and Refund Details Report

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. The data is exportable as CSV or XML. You can also view data by either request date or submission date.



This report is only available to certain users.

This report is a new version of the old Purchase and Refund Details report and contains the same transaction details as the old version.

You can find this report in the Business Center left navigation under **Reports > Transaction Reports > Purchase and Refund Details Report**.

The old Purchase and Refund Details report was accessible through the acquiring servlet.

Report Differences

Two old reports (Purchase and Refund Details and Purchase and Refund Details by Submission Date) were combined into one report. Users can use filters to view data by request date or submission date.

Additional filtering functionality is available, allowing the user to further filter the result set.

The new reports can be viewed by group. See the [New Business Center User Guide](#) for more information on groups.

Figure 3 Old Purchase and Refund Detail Report

Merchant Account Reports >> Purchase & Refund Details

Purchase & Refund Details

View details of purchases and refunds for each payment transaction processed.

Hierarchy: PA_GPN (pa_gpn) [101011000491000210001]

Start Date: October 3, 2017

End Date: October 31, 2017

Results Per Page: 50

Submit

Result Count: 2000 (Results Capped) Export: XML CSV

1 2 3 4 5 6 7 8 9 10 > < >>

Request ID	CYBS MID	Processor MID	Hierarchy ID	Trans Ref No	Merchant Ref No
5070033668340179112638	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070033673960179112638	pa_gpn		101011000491000210001	1069808627	STAGE_SCMP_67
5070033757686133001541	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070033761576133101541	pa_gpn		101011000491000210001	1069808628	STAGE_SCMP_67
5070034083586144501541	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070034088246144601541	pa_gpn		101011000491000210001	1069808629	STAGE_SCMP_67
5070034747790179112633	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070034753260179112633	pa_gpn		101011000491000210001	1069808630	STAGE_SCMP_67
5070036355580179112634	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070036363440179112634	pa_gpn		101011000491000210001	1066373541	STAGE_SCMP_67
5070036553320179112636	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070036559400179112636	pa_gpn		101011000491000210001	1069808631	STAGE_SCMP_67
5070037013920179112633	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070037019050179112633	pa_gpn		101011000491000210001	1069808632	STAGE_SCMP_67
5070037249950179112632	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070037256350179112632	pa_gpn		101011000491000210001	1069808633	STAGE_SCMP_67
5070039895190179112636	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070039897210179112636	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070039900490179112636	pa_gpn		101011000491000210001	1069808635	STAGE_SCMP_67
5070039902520179112636	pa_gpn		101011000491000210001	1069808636	STAGE_SCMP_67
5070040338960179112633	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070040344730179112633	pa_gpn		101011000491000210001	1069808637	STAGE_SCMP_67
5070041420346586701540	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5070041424756586801540	pa_gpn		101011000491000210001	1063660055	STAGE_SCMP_67

Figure 4 New Purchase and Refund Detail Report

Reporting

Purchase & Refund Details

2000 transactions with filters: Date Range: Custom

Start Date: 10/03/2017 End Date: 10/31/2017

Request Detail List

Request ID	CYBS MID	Processor MID	Hierarchy ID	Trans Ref No	Merchant Reference Number
5069889740590179112638	pa_gpn				STAGE_SCMP_67
5069889747920179112638	pa_gpn				STAGE_SCMP_67
5069890845380179112633	pa_gpn				STAGE_SCMP_67
5069890851160179112633	pa_gpn				STAGE_SCMP_67
5069892179130179112634	pa_gpn				STAGE_SCMP_67
5069892186650179112634	pa_gpn				STAGE_SCMP_67
5069892525690179112636	pa_gpn				STAGE_SCMP_67
5069892531310179112636	pa_gpn				STAGE_SCMP_67
5069892937220179112633	pa_gpn				STAGE_SCMP_67
5069892942830179112633	pa_gpn		101011000491000210001	1069808486	STAGE_SCMP_67
5069893245230179112632	pa_gpn		101011000491000210001	832000	STAGE_SCMP_67
5069893250890179112632	pa_gpn		101011000491000210001	1069808487	STAGE_SCMP_67

Showing 1 - 50 of 2000 results

Net Funding

The Net Funding report show all purchases and refunds, as well as fees and adjustments processed for a merchant entity within a particular date range, resulting in an expected funding amount. It is available for merchant using certain payment processors.



This report is only available to certain users.

You can find this report in the Business Center left navigation under **Reports > Financial Reports > Net Funding**.

Report Differences

This report was previously found in the new Business Center under Analytics.

Notification of Change Report

This report shows eCheck-related fields updated as a result of a response to an eCheck settlement transaction. The data is exportable as encrypted CSV or XML. This report is a new version of the old Notification of Change Report, with enhanced filtering and sorting, and contains the same transaction details as the classic version. For more information on exporting data from this report using a PGP key, refer to the [New Business Center User Guide](#).



This report is only available to certain users.

You can find this report in the Business Center left navigation under **Reports > Financial Reports > Notification of Change Report**.

Figure 5 Old Notification of Change Report

Notification of Change (NOC) Report [Page help](#) [Page feedback](#)

Search Parameters
 Start: Dec 01 2017 12:00:00 AM
 End: Dec 31 2017 11:59:59 PM
 Matching Transactions: 182

1 2 3 4 > >>

Merchant Reference Number	Transaction Reference Number	NOC Date	NOC Code	Updated Account Type	Updated Routing Number	Updated Acct Number	Updated Consumer Name
TC29686-11	55563	Dec 27 2017 11:38:39 PM	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 27 2017 11:38:35 PM	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 27 2017 11:38:32 PM	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 27 2017 11:38:29 PM	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 27 2017 11:38:25 PM	-	-	123456789	#####9797	-
TC29686-6	55559	Dec 27 2017 11:38:22 PM	-	Savings Account	-	-	-
TC29686-5	55559	Dec 27 2017 11:38:19 PM	-	Savings Account	-	-	-
TC29686-4	55558	Dec 27 2017 11:38:17 PM	-	-	-	#####9797	-
TC29686-3	55557	Dec 27 2017 11:38:14 PM	-	-	123456789	-	-
TC29686-11	55563	Dec 26 2017 07:22:20 PM	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 26 2017 07:22:16 PM	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 26 2017 07:22:13 PM	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 26 2017 07:22:10 PM	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 26 2017 07:22:08 PM	-	-	123456789	#####9797	-
TC29686-6	55559	Dec 26 2017 07:22:05 PM	-	Savings Account	-	-	-
TC29686-5	55559	Dec 26 2017 07:22:03 PM	-	Savings Account	-	-	-
TC29686-4	55558	Dec 26 2017 07:22:01 PM	-	-	-	#####9797	-
TC29686-3	55557	Dec 26 2017 07:21:58 PM	-	-	123456789	-	-
TC29686-10	55563	Dec 26 2017	-	Checking Account	123456789	#####9797	-

Figure 6 New Notification of Change Report

Reports

Notification of Change (NOC) Report ?

182 transactions with filters: Date Range: December 1st - December 31st Sort Order: Latest Results First CLEAR

Notification of Change Details List

Merchant Reference Number	Transaction Reference Number	NOC Date	NOC Co...	Updated Account Type	Updated Routing Number	Updated Account Number	Updated Consumer Name
TC29686-11	55563	Dec 27 2017 11:38:39 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 27 2017 11:38:35 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 27 2017 11:38:32 PM SST	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 27 2017 11:38:29 PM SST	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 27 2017 11:38:25 PM SST	-	-	123456789	#####9797	-
TC29686-6	55559	Dec 27 2017 11:38:22 PM SST	-	Savings Account	-	-	-
TC29686-5	55559	Dec 27 2017 11:38:19 PM SST	-	Savings Account	-	-	-
TC29686-4	55558	Dec 27 2017 11:38:17 PM SST	-	-	-	#####9797	-
TC29686-3	55557	Dec 27 2017 11:38:14 PM SST	-	-	123456789	-	-
TC29686-11	55563	Dec 26 2017 07:22:20 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-10	55563	Dec 26 2017 07:22:16 PM SST	-	Checking Account	123456789	#####9797	-
TC29686-9	55562	Dec 26 2017 07:22:13 PM SST	-	Checking Account	-	#####9797	-
TC29686-8	55561	Dec 26 2017 07:22:10 PM SST	-	Checking Account	123456789	-	-
TC29686-7	55560	Dec 26 2017 07:22:08 PM SST	-	-	123456789	#####9797	-

Showing 1 - 50 of 182 results 1 2 3 4

Deprecated Features and Functions

This section contains information about features and functions of the legacy Reports module that will be retired.

Servlets

The old programmatic access methods will be retired. This includes the Report Download Servlet, Acquiring Servlet, and Query Servlet. The data and reports delivered via servlets are accessible via REST APIs, which you can find at our [Developer Center](#).

Reports

The following reports will be deprecated:

Table 2 **Deprecated Reports**

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Payment Submission Detail Report	Report Search Screen	<p>Replaced by the Payment Batch Detail Report. Users should use the Payment Batch Detail report, and add the field Processor ID.</p> <p>Users with existing Payment Submission Detail Report subscriptions in the old Business Center will find a subscription named "PaymentSubmissionDetailReport_<FREQUENCY>_Classic" in the new Business Center in the Classic tab.</p>

Table 2 Deprecated Reports (Continued)

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Order Detail Report	Report Search Screen	<p>Replaced by the Transaction Request Report.</p> <p>Users with existing Order Detail Report subscriptions in the old Business Center will find a subscription named "OrderDetailReport_<FREQUENCY>_Classic" in the new Business Center in the classic tab.</p> <p>All of the fields available in the old Order Detail Report will be available in the new Business Center.</p>
New Authorization Detail Report (use Transaction Request Report filtered for authorizations instead)	Report Search Screen	<p>Users with existing New Authorization Detail Report subscriptions in the Classic Business Center will find a subscription named "NewAuthorizationDetailReport_<FREQUENCY>_Classic" in the new Business Center on the classic tab.</p>
New Capture Detail Report	Report Search Screen	<p>Users with existing New Capture Detail Report subscriptions in the Classic Business Center will find a subscription named "NewCaptureDetailReport_<FREQUENCY>_Classic" in the new Business Center in the classic tab.</p>
Chargeback and Representment Detail Report	Accessed today only through Acquiring Servlet	<p>This data is in the new Chargeback Detail report. See Reporting User Guide for more information.</p>
Payment Activity Summary	Accessed today only through Acquiring Servlet	<p>This data can be found in the new Business Center on the Net Funding screen in the Analytics module. See New Business Center User Guide for more information.</p>
Fee Detail Report	Accessed today only through Acquiring Servlet	<p>This data can be found in the new Fee Detail report. See Reporting User Guide for more information.</p>

Table 2 Deprecated Reports (Continued)

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Transfer Log	Accessed today only through Acquiring Servlet	This data can be found in the new Deposit Detail report. See Reporting User Guide for more information.

Functionality

Table 3 Deprecated Functionality

Old Business Center	Location in the Old Business Center	Replacement in the New Business Center
Account level users will not be able to subscribe merchants in their portfolio to reports.	Manage Subscriptions screen	Merchants may create their own reports. Newly onboarded merchants are automatically subscribed to a boilerplate set of reports.

Reports Reference

All Reports and What will Happen to Them

The tables in this section map each of the legacy reports or servlets to a REST API.

Table 4 Legacy Downloadable Reports

Legacy Report Name	Legacy Servlet	New Report Name	REST API	Will the new report (or payload) be different?	What types of users can use?
Payment Batch Detail Report	Download Servlet	Payment Batch Detail Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Transaction Detail Report	Download Servlet	Transaction Request Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Payment Transaction Event Report	Download Servlet	Processor Event Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Transaction Exception Detail Report	Download Servlet	Transaction Exception Detail Report	Reporting API	Slightly different	Merchants, account level users, and Partners
Payer Authentication Detail Report	Download Servlet	Payer Authentication Detail Report	Reporting API	Slightly different	Merchant only.
Subscription Detail Report	Download Servlet	Subscription Detail Report	Reporting API	Slightly different	Merchant only.
Batch Files Detail Report	Download Servlet	Batch Files Detail Report	Reporting API	Slightly different	Merchants, account level users, and Partners

Table 4 Legacy Downloadable Reports (Continued)

Legacy Report Name	Legacy Servlet	New Report Name	REST API	Will the new report (or payload) be different?	What types of users can use?
Decision Manager Detail Report	Download Servlet	Decision Manager Detail Report	Reporting API	Slightly different	Merchants only.
Conversion Detail Report	Download Servlet	Conversion Detail Report	Reporting API	Slightly different	Merchants only.
JP Reports - Report 96	Download Servlet	JP Transaction Report	Reporting API	Slightly different	NA
Batch Upload Reply Files	Download Servlet	Same name as in the old Business Center	Secure File Share API	No	Merchants only.
Account Updater Reply File	Download Servlet	Same name as in the old Business Center	Secure File Share API	No	Merchants only.
Third Party Report	Download Servlet	Same name as in the old Business Center	Secure File Share API	No	Merchants only.

Table 5 Legacy On-Demand Reports

Legacy Report Name	Legacy Servlet	New Report Name	REST API	Will the new report (or payload) be different?	What types of users can use?
Payment Batch Summary Report	Acquiring Servlet	Payment Batch Summary Report	Reporting API	No	Merchants, account level users. Partners can view data MID-by-MID.
Payer Authentication Summary	NA	Payer Authentication Summary	NA	No	Merchants and account level users.
Purchase and Refund Detail Report	Acquiring Servlet	Purchase and Refund Details	Reporting API	No	Merchants and account level users.
Notification of Change	NA	Notification of Change	Reporting API	No	Merchants



The reports in [Table 6](#) are not available using the Business Center but can be downloaded using servlets. For details on the new JSON payloads, see the API Reference Guides in our [Developer Center](#).

Table 6 Servlet Only Reports

Legacy function	Legacy servlet	Replacement API	Will the new payload be different?
Single Transaction Query (search by Request ID)	Query Servlet	Transaction Detail API	Yes Important The old payload was XML. The new payload is JSON with new field names.
Search for Transactions by Merchant Reference number	Query Servlet	Transaction Search API	Yes Important The old payload was XML. The new payload is JSON with new field names.
Notification of Change (on-demand)	n/a	Reporting API	No
Conversion Detail Report (on-demand)	Query Servlet	Reporting API	No
User Listing Servlet	Query Servlet	User Management API	Yes Important The old payload was XML. The new payload is JSON with new field names.
Response File Write (Batch Upload status)	Query Servlet	Batch Status API	Yes Important The old payload was XML. The new payload is JSON with new field names.
On-Demand Order Detail Report	Query Servlet	Retired	Retired
Transaction Exception Detail Report Request	Query Servlet	Retired	Retired

Table 7 Retired Reports

Legacy Report Name	Legacy Servlet	How to approximate this report in the new Business Center	Will the existing subscriptions be recreated?
Payment Submission Detail Report	Download Servlet	Use Payment Batch Detail with field Processor ID	Yes
Order Detail Report	Download Servlet	Use the Transaction Detail Report with filters for credit cards, sales, and refunds.	Yes
New Authorization Detail Report	Download Servlet	Transaction Detail Report with filter for credit card authorizations.	Yes

Table 7 Retired Reports (Continued)

Legacy Report Name	Legacy Servlet	How to approximate this report in the new Business Center	Will the existing subscriptions be recreated?
New Sales Detail Report	Download Servlet	Transaction Detail Report with filter for credit card sales and refunds.	Yes
Payment Activity Summary (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Net Funding screen	NA
Chargeback and Representment Detail Report (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Chargeback Detail Report	NA
Transfer Log (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Deposit Detail Report	NA
Fee detail (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Fee Detail Report	NA
Summary of Fees (Legacy Merchant Account Reports)	Old Acquiring Servlet only	Fee Summary report (coming soon)	NA

Report Features

The tables below describe features of the reports in the new Business Center. See the [Reporting User Guide](#) for more information.

Payment Batch Detail Report

Legacy Report Name	Payment Batch Detail Report
Legacy Servlet	Download Servlet
New Report Name	Payment Batch Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown

What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Transaction Detail Report

Legacy Report Name	Transaction Detail Report
Legacy Servlet	Download Servlet
New Report Name	Transaction Request Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Payment Transaction Events Report

Legacy Report Name	Payment Transaction Events Report (Payment Events Report)
Legacy Servlet	Download Servlet
New Report Name	Processor Events Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes

Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Transaction Exception Detail Report

Legacy Report Name	Transaction Exception Detail Report
Legacy Servlet	Download Servlet
New Report Name	Transaction Exception Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	Yes
Supports credits as negative number in CSV format?	Yes
Supports application filtering?	Yes
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Standard Report Screen and Report Type dropdown
What types of users can use?	Merchants, Account level users, and Partners
Lookback period	18 months
Data retention period	16 months past the last date represented in the report.

Payer Authentication Detail Report

Legacy Report Name	Payer Authentication Detail Report
Legacy Servlet	Download Servlet
New Report Name	Payer Authentication Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No

Will existing report subscriptions be recreated?	Yes, in the future.
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Subscription Detail Report

Legacy Report Name	Subscription Detail Report
Legacy Servlet	Download Servlet
New Report Name	Subscription Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Batch Files Detail Report

Legacy Report Name	Batch Files Detail Report
Legacy Servlet	Download Servlet
New Report Name	Batch Files Detail. This report will be available in early 2019.
REST API	Reporting API
Will the new report (or payload) be different?	Slightly different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future

Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Decision Manager Detail Report

Legacy Report Name	Decision Manager Detail Report
Legacy Servlet	Download Servlet
New Report Name	Decision Manager Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Yes
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months
Data retention period	16 months past the last date represented in the report.

Conversion Detail Report

Legacy Report Name	Conversion Detail Report
Legacy Servlet	Download Servlet
New Report Name	Conversion Detail Report
REST API	Reporting API
Will the new report (or payload) be different?	Slightly Different
Supports field customization and ordering?	No
Supports credits as negative number in CSV format?	No
Supports application filtering?	No
Will existing report subscriptions be recreated?	Yes, in the future
Subscribable from where?	Report Type dropdown
What types of users can use?	Merchants
Lookback period	6 months

Data retention period	16 months past the last date represented in the report.
------------------------------	---

Third Party Reports

Legacy Report Name	NA
Legacy Servlet	Download Servlet
New Report Name	These reports will have the same names
REST API	Secure File Share API
Will the new report (or payload) be different?	No
Supports field customization and ordering?	NA
Supports credits as negative number in CSV format?	NA
Supports application filtering?	NA
Will existing report subscriptions be recreated?	These reports will be present in the new Business Center.
Subscribable from where?	NA
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Batch Upload Reply files

Legacy Report Name	NA
Legacy Servlet	Download Servlet
New Report Name	These reports will have the same names
REST API	Secure File Share API
Will the new report (or payload) be different?	No
Supports field customization and ordering?	NA
Supports credits as negative number in CSV format?	NA
Supports application filtering?	NA
Will existing report subscriptions be recreated?	These reports will be present in the new Business Center.
Subscribable from where?	NA
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Account Updater Reply files

Legacy Report Name	NA
Legacy Servlet	Download Servlet
New Report Name	These reports will have the same names
RESTful API	Secure File Share API
Will the new report (or payload) be different?	No
Supports field customization and ordering?	NA
Supports credits as negative number in CSV format?	NA
Supports application filtering?	NA
Will existing report subscriptions be recreated?	These reports will be present in the new Business Center.
Subscribable from where?	NA
What types of users can use?	Merchants
Lookback period	NA
Data retention period	16 months

Report Patterns

This section contains information on the following patterns:

- Amount field.
- Date and time expressed in report headers.
- Date and time expressed in the transaction date field.
- Date and time expressed in the batch date field.
- Date and time expressed in the event date field.

Date Patterns

New reports will use the following date patterns:

- **Time zone:** GMT
- **Format:** Datetime/ISO 8601

For example, 2017-08-01T00:00:00Z to 2017-08-31T23:59:00Z.



The field `localizedRequestDate` will be printed in the time zone of the merchant; if there is no time zone preference, then the time zone will be GMT.

Old reports used various timezone and time format conventions as listed below.

Table 8 Date Printed in Old Headers - CSV Format

Old report name/new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report header position	Old CSV Example
Payment Batch Detail Report/ Payment Batch Detail Report	Pacific	YYYY-MM-DD	Position 3 of header	Payment Batch Detail Report, 1.0, 2018-03-18 to 2018-03-18
Payment Events Report/ Processor Events Report	Pacific	DD/MM/YY	NA	Payment Events Report, 1, 3/18/18, kitbag_globalcollect
Transaction Detail Report/Transaction Request Report	GMT	YYYY/MM/DD	NA	Transaction Detail Report, 1, 2018-03-18 to 2018-03-18
Transaction Exception Detail Report/ Transaction Exception Detail Report	GMT	YYYY/MM/DD	NA	Transaction Exception Detail Report, 1, 2018-03-18 to 2018-03-18

Table 9 Transaction Date

Old report name/new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report field name	Old CSV Example
Payment Batch Detail Report/ Payment Batch Detail Report	Transaction date field not available in the old report			
Payment Events Report/ Processor Events Report	Transaction date field not available in the old report			
Transaction Detail Report/Transaction Request Report	GMT	2018-03-16T08:35:05+00:00	transaction_date	2018-03-16T08:35:05+00:00
Transaction Exception Detail Report/ Transaction Exception Detail Report	GMT	2018-03-16T08:35:05+00:00	transaction_date	2018-03-16T08:35:05+00:00

Table 10 Batch Date

Old report name/new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report field name	Old CSV Example
Payment Batch Detail Report/ Payment Batch Detail Report	GMT	YYYY-MM-DD	batch_date	2018-03-16

Table 11 Event Date

Old report name/ new report name/	Old CSV Time Zone	Old CSV Format	Old CSV report field name	Old CSV Example
Payment Events Report/Processor Events Report	Pacific	YYYY-MM-DD	event_date	2018-03-16

Amount Patterns

Table 12 Old Amount Patterns (CSV and XML)

Old report name/new report name/	Old transaction amount field name	Old credits printed as negative
Payment Batch Detail Report/ Payment Batch Detail Report	amount	Yes
Payment Events Report/ Processor Events Report	merchant_amount	Yes
Transaction Detail Report/ Transaction Request Report	amount	Yes
Transaction Exception Detail Report/ Transaction Exception Detail Report	amount	Yes

Amount Pattern in New Reports - All formats

Field name: amount

Credits printed as negative number: Credits will be displayed as whole numbers (without the negative sign). User may optionally configure the report to print credits as negative numbers.

Field Differences in CSV Reports

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.

Table 13 Fields with Compound Values

Application Fields		
Rcode	Rflag	Name
Rmsg		
Line Item Fields		
FulfillmentType	Quantity	UnitPrice
TaxAmount	MerchantProductSku	NameOfProduct
TypeOfProduct	InvoiceNumber	Number
Payment Method Fields		
CardType	ExpirationMonth	ExpirationYear
StartMonth	StartYear	IssueNumber
AccountSuffix	BoletoNumber	BoletoBarCodeNumber
CardCategory	CardCategoryCode	WalletType
CheckNumber	MandateId	MandateType
SignatureDate	EffectiveDate	AccountType
TypeDescription	OverridePaymentMethod	Type
Payment Data Fields		
AuthorizationType	AuthorizationCode	AVSResult
CurrencyCode	AVSResultMapped	CVResult
ProcessorResponseCode	NumberOfInstallments	ACHVerificationResult
ACHVerificationResultMapped	BalanceAmount	BalanceCurrencyCode
RequestedAmount	RequestedAmountCurrencyCode	EVEmail
EVEmailRaw	EVName	EVNameRaw
EVPhoneNumber	EVPhoneNumberRaw	EVStreet
EVStreetRaw	EVPostalCode	EVPostalCodeRaw
BinNumber	Amount	PaymentRequestID
PaymentProcessor	TotalTaxAmount	EventType
GrandTotal	ECI	AAV_CAVV
XID	TargetAmount	TargetCurrency

Table 13 Fields with Compound Values (Continued)

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		

Below are examples of the old headers with a line of data, the new headers for the Classic version of the report with a line of data, and field name differences.

Payment Batch Detail Report

Example 1 Old Payment Batch Detail Report Header

Payment Batch Detail Report, 1.0, 2018-12-10 to 2018-12-10
 batch_id,merchant_id,batch_date,request_id,merchant_ref_number,trans_ref_
 no,payment_method,currency,amount,transaction_type

60272,merchantID,2018-12-
 11,***526405***,60**, ***039877OK92***,MasterCard,USD,106.49,ics_bill

Example 2 Classic Payment Batch Detail Report Header

sample_mid,PaymentBatchDetailReport_Daily_
 Classic,PaymentBatchDetail,1.10,2018-12-10T08:00:00Z to 2018-12-11T08:00:00Z
 batch_id,merchant_id,batch_date,request_id,merchant_ref_
 number,TransactionReferenceNumber,payment_type,currency,amount,ics_
 applications,status,transaction_date

60272,***,2018-12-11T02:19:19Z,***4526405836175403***,***,
 039877OK92,MasterCard,USD,106.49,ics_auth,ics_bill,BATCHED,2018-12-
 10T14:37:20Z

Table 14 Field Name Differences in Payment Batch Detail Report

Old Name	New Name
trans_ref_no	TransactionReferenceNumber
payment_method	payment_type
transaction_type	ics_applications
---	status (new)
---	transaction_date (new)

Example 6 Classic Payment Events Report Header

accountID,PaymentEventDetailReport_Daily_
 Classic,ProcessorEventsDetail,1.10,2018-12-10T08:00:00Z to 2018-12-11T08:00:00Z
 request_id,merchant_id,merchant_ref_number,Type,Event,EventDate,
 TransactionReferenceNumber,EventCurrencyCode, EventAmount,consumer_
 currency_code,consumer_amount,fee_currency_code,fee_
 amount,ProcessorMessage,transaction_date

4796802796453403,***,***636f6***,credit card,Payment,2018-12-
 10T16:00:00Z,***7334***,MXN,128.4,MXN,128.4,***,0,***,2018-11-29T08:21:20Z

Table 15 Field Name Differences in Payment Events Report

Old Name	New Name
payment_type	Type
event_type	Event
event_date	EventDate
trans_ref_no	TransactionReferenceNumber
merchant_currency_code	EventCurrencyCode
merchant_amount	EventAmount
processor_message	ProcessorMessage
---	transaction_date (new)

Table 16 Field Name Differences in Transaction Detail Report (Continued)

Old Name	New Name
auth_reversal_rflag	The value for this field is now in ics_rflag.
auth_reversal_rmsg	The value for this field is now in ics_rmsg.
bill_rcode	The value for this field is now in ics_rcode.
bill_rflag	The value for this field is now in ics_rflag.
bill_rmsg	The value for this field is now in ics_rmsg.
credit_rcode	The value for this field is now in ics_rcode.
credit_rflag	The value for this field is now in ics_rflag.
credit_rmsg	The value for this field is now in ics_rmsg.
ecp_debit_rcode	The value for this field is now in ics_rcode.
ecp_debit_rflag	The value for this field is now in ics_rflag.
ecp_debit_rmsg	The value for this field is now in ics_rmsg.
ecp_credit_rcode	The value for this field is now in ics_rcode.
ecp_credit_rflag	The value for this field is now in ics_rflag.
ecp_credit_rmsg	The value for this field is now in ics_rmsg.
score_rcode	The value for this field is now in ics_rcode.
score_rflag	The value for this field is now in ics_rflag.
score_rmsg	The value for this field is now in ics_rmsg.
tax_rcode	The value for this field is now in ics_rcode.
tax_rflag	The value for this field is now in ics_rflag.
tax_rmsg	The value for this field is now in ics_rmsg.
dav_rcode	The value for this field is now in ics_rcode.
dav_rflag	The value for this field is now in ics_rflag.
dav_rmsg	The value for this field is now in ics_rmsg.
export_rcode	The value for this field is now in ics_rcode.
export_rflag	The value for this field is now in ics_rflag.
export_rmsg	The value for this field is now in ics_rmsg.
elc_rcode	The value for this field is now in ics_rcode.
elc_rflag	The value for this field is now in ics_rflag.
elc_rmsg	The value for this field is now in ics_rmsg.
elc_revoke_rcode	The value for this field is now in ics_rcode.
elc_revoke_rflag	The value for this field is now in ics_rflag.
elc_revoke_rmsg	The value for this field is now in ics_rmsg.
download_rcode	The value for this field is now in ics_rcode.
download_rflag	The value for this field is now in ics_rflag.
download_rmsg	The value for this field is now in ics_rmsg.

Table 16 Field Name Differences in Transaction Detail Report (Continued)

Old Name	New Name
create_isv_rcode	The value for this field is now in ics_rcode.
create_isv_rflag	The value for this field is now in ics_rflag.
create_isv_rmsg	The value for this field is now in ics_rmsg.
add_value_to_isv_rcode	The value for this field is now in ics_rcode.
add_value_to_isv_rflag	The value for this field is now in ics_rflag.
add_value_to_isv_rmsg	The value for this field is now in ics_rmsg.
get_isv_history_rcode	The value for this field is now in ics_rcode.
get_isv_history_rflag	The value for this field is now in ics_rflag.
get_isv_history_rmsg	The value for this field is now in ics_rmsg.
get_isv_info_rcode	The value for this field is now in ics_rcode.
get_isv_info_rflag	The value for this field is now in ics_rflag.
get_isv_info_rmsg	The value for this field is now in ics_rmsg.
get_isv_profiles_rcode	The value for this field is now in ics_rcode.
get_isv_profiles_rflag	The value for this field is now in ics_rflag.
get_isv_profiles_rmsg	The value for this field is now in ics_rmsg.
modify_isv_rcode	The value for this field is now in ics_rcode.
modify_isv_rflag	The value for this field is now in ics_rflag.
modify_isv_rmsg	The value for this field is now in ics_rmsg.
redeem_isv_rcode	The value for this field is now in ics_rcode.
redeem_isv_rflag	The value for this field is now in ics_rflag.
redeem_isv_rmsg	The value for this field is now in ics_rmsg.
payment_method	payment_type
score_score_result	Score
shipping_carrier	Carrier
customer_password_provided	ConsumerPasswordProvided
lost_password	LostPassword
repeat_customer	RepeatCustomer
cookies_accepted	CookiesAccepted
customer_loyalty	ConsumerLoyalty
customer_promotions	ConsumerPromotions
gift_wrap	GiftWrap
returns_accepted	ReturnsAccepted
customer_id	customer_account_id
product_risk	ProductRisk
applied_score_threshold	AppliedThreshold

Table 16 Field Name Differences in Transaction Detail Report (Continued)

Old Name	New Name
applied_time_hedge	AppliedTimeHedge
applied_velocity_hedge	AppliedVelocityHedge
applied_host_hedge	AppliedHostHedge
applied_category_gift	AppliedCategoryGift
applied_category_time	AppliedCategoryTime
avs	AppliedAVS
cv	AppliedCV
payment_processor	PaymentProcessor
source	Source

Payment Submission Report

Example 9 Old Payment Submission Report Header

Payment Submission Detail Report,1.0,2018-12-13 to 2018-12-13
 batch_id,merchant_id,batch_date,request_id,merchant_ref_number,trans_ref_
 no,payment_method,currency,amount,transaction_type,payment_processor

61923,***,2018-12-
 14,***67870048069***,***97***,***7698***,Visa,GBP,105.59,ics_bill,Barclays UK

Example 10 Classic Payment Submission Report Header

accountID,PaymentSubmissionDetailReport_Daily_
 Classic,PaymentBatchDetail,1.10,2018-12-13T08:00:00Z to 2018-12-14T08:00:00Z
 batch_id,merchant_id,batch_date,request_id,merchant_ref_
 number,TransactionReferenceNumber,payment_type,currency,amount,ics_
 applications,PaymentProcessor,status,transaction_date

61923,***,2018-12-
 14T00:20:43Z,***67870048069***,***97***,***7698***,Visa,GBP,105.59,ics_score,ics_
 auth,ics_decision,ics_pa_validate,ics_bill,ics_decision_
 early,barclays2,BATCHED,2018-12-13T05:25:00Z

Table 17 Field Name Differences in Payment Submission Report

Old Name	New Name
trans_ref_no	TransactionReferenceNumber

Table 17 Field Name Differences in Payment Submission Report (Continued)

Old Name	New Name
payment_processor	PaymentProcessor
---	status (new)
---	transaction_date (new)

Authorization Detail Report

Example 11 Old Authorization Detail Report Header

Authorization Detail Report,1.0,2018-12-13T08:00:00-08:00 to 2018-12-14T08:00:00-08:00

currency,transaction_status,card_type,order_number,date,trans_ref_no,acct_suffix,amount,customer_first_name,customer_last_name,customer_middle_name,customer_address1,customer_address2,customer_city,customer_state,customer_zip,customer_email,customer_id,merchant_defined1,merchant_defined2,merchant_defined3,merchant_defined4,comments,reason,source

USD,Approved,Mastercard,***4729103***,2018-12-13T19:25:04-08:00,***21PM4L***,1864,72829.29,***,***,***,***,***,***,***,***,***41***,18***,10,8530,,100,18522

Example 12 Classic Authorization Detail Report Header

accountID,NewAuthorizationDetailReport_Daily_Classic,TransactionRequestReport,1.10,2018-12-13T08:00:00Z to 2018-12-14T08:00:00Z

currency,ics_rflag,card_type,merchant_ref_number,transaction_date,TransactionReferenceNumber,account_no,amount,customer_first_name,customer_last_name,customer_middle_name,customer_address1,customer_address2,customer_city,customer_state,customer_zip,customer_email,customer_account_id,merchant_defined1,merchant_defined2,merchant_defined3,merchant_defined4,comments,reason_code,User,merchant_id,request_id

USD,SOK,Mastercard,***4729103***,2018-12-13T19:25:04-08:00,***21PM4L***,1864,72829.29,***,***,***,***,***,***,***,***,***41***,18***,10,8530,,100,18522,***,***

Table 18 Field Name Differences in Authorization Detail Report

Old Name	New Name
transaction_status	ics_rflag
order_number	merchant_ref_number
date	transaction_date
trans_ref_no	TransactionReferenceNumber
acct_suffix	account_no
customer_id	customer_account_id
reason	reason_code
source	User
---	merchant_id (new)
---	request_id (new)

Capture Detail Report

Example 13 Old Capture Detail Report Header

CaptureDetailReport,1,2018-12-13T08:00:00-08:00 to 2018-12-14T08:00:00-08:00
currency,status,card_type,transaction_type,order_number,date,trans_ref_no,account_
suffix,amount,customer_first_name,customer_last_name,customer_middle_
name,customer_address_1,customer_address_2,customer_city,customer_
state,customer_zip,customer_email,customer_id,comments,source_user

USD,Successful,Mastercard,Debit,***4735422***,2018-12-14T05:12:48-
08:00,***830**,1779,13.00,***,***,***,***,***,***,***,***,***4 /E85***,***

Example 14 Classic Capture Detail Report Header

accountID,NewCaptureDetailReport_Daily_Classic,PaymentBatchDetail,1.10,2018-12-
12T08:00:00Z to 2018-12-13T08:00:00Z
currency,ics_rflag,card_type,ics_applications,merchant_ref_number,transaction_
date,TransactionReferenceNumber,account_no,amount,customer_first_
name,customer_last_name,customer_middle_name,customer_address_1,customer_
address_2,customer_city,customer_state,customer_zip,customer_email,customer_
account_id,comments,User,mercant_id,batch_date,batch_id,status,request_id

USD,SOK,Mastercard,ics_auth,***4735422***,2018-12-14T05:12:48-
08:00,***830**,1779,13.00,***,***,***,***,***,***,***,***,***4 /E85***,***,***,2018-12-
13T05:13:26Z,***61434***,BATCHED,***64938001960***

Table 19 Field Name Differences in Capture Detail Report

Old Name	New Name
status	ics_rflag
transaction_type	ics_applications
order_number	merchant_ref_number
date	transaction_date
trans_ref_no	TransactionReferenceNumber
acct_suffix	account_no
customer_id	customer_account_id
reason	reason_code
source	User
---	merchant_id (new)
---	batch_date
---	batch_id
---	status
---	request_id (new)

Differences in XML Reports

Some of the new reports contain different headers, date formats, and element names. Below are examples of the differences between the old and new XML reports. New elements and attributes are highlighted in the examples.

Conversion Detail Report

Example 15 Old Conversion Detail Report Header

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
cdr.dtd">
<?xml-stylesheet type="text/xsl" href="https://ebc.cybersource.com/ebc/
reports/xsl/ConversionDetailReport.xsl"?>
<Report xmlns="https://ebc.cybersource.com/ebc/reports/dtd/cdr.dtd"
MerchantID="merchantID" Name="Conversion Detail Report"
ReportStartDate="2018-04-01 00:00:00GMT" ReportEndDate="2018-04-01
23:59:58GMT" Version="1.1">
```

Example 16 Classic Conversion Detail Report Header

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
cdr.dtd">
<Report xmlns="https://ebc.cybersource.com/ebc/reports/dtd/cdr.dtd"
MerchantID="merchantID" Name="Conversion Detail Report"
ReportStartDate="2018-12-01T00:00:00.000Z" ReportEndDate="2018-12-
01T23:59:59.999Z" Version="1.1">
```

Table 20 Removed Elements in Conversion Detail Report

Old Name	New Name
ReviewerComments	This element was removed.

Example 17 Conversion Detail Report

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
cdr.dtd">
<Report xmlns="https://ebc.cybersource.com/ebc/reports/dtd/cdr.dtd"
MerchantID="risk_master1" Name="Conversion Detail Report"
ReportStartDate="2018-12-01T00:00:00.000Z" ReportEndDate="2018-12-
01T23:59:59.999Z" Version="1.1">
  <Conversion MerchantReferenceNumber="33557799" ConversionDate="2018-
12-01T10:10:31Z" RequestID="5436562601766280801541">
    <OriginalDecision>REVIEW</OriginalDecision>
    <NewDecision>ACCEPT</NewDecision>
    <Reviewer>sla</Reviewer>
    <Queue>AUTOMATION_HOLD_QUEUE</Queue>
    <Profile>AUTOMATION_PROFILE</Profile>
  </Conversion>
</Report>
```

Order Detail Report**Example 18 Old Order Detail Report Header**

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
odr.dtd">
<Report Name="Order Detail Report" Version="1.1" xmlns="https://
ebc.cybersource.com/ebc/reports/dtd/odr.dtd" merchantID="merchantID"
ReportStartDate="2018-12-10T05:00:00-05:00" ReportEndDate="2018-12-
11T05:00:00-05:00">
```

Example 19 Classic Order Detail Report Header

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
reports/dtd/ctdr_1_10.dtd">
<Report Name="OrderDetailReport_Daily_Classic"
Type="TransactionRequestReport" Version="1.10" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
OrganizationID="orgID" ReportStartDate="2018-12-10T05:00:00Z"
ReportEndDate="2018-12-11T05:00:00Z">
```

Table 21 Element Differences in Order Detail Report

Old Name	New Name
transactionDate	RequestDate
orderNumber	MerchantReferenceNumber
reconciliationID	TransactionReferenceNumber
street1	Address1
city	City
state	State
postalCode	Zip
email	Email
phoneNumber	Phone
accountNumber	AccountSuffix
cardType	CardType
expirationMonth	ExpirationMonth
expirationYear	ExpirationYear
fulfillmentType	FulfillmentType
quantity	Quantity
unitPrice	UnitPrice
taxAmount	TaxAmount
productCode	ProductCode
ApplicationReply name	ApplicationReply Name
decision	This element was removed. Information for this field result is now in rflag.
ics_RCode	Rcode
ics_Rflag	Rflag
reasonCode	ReasonCode
ics_RMgs	RMsg
orderAmount	Amount
authorizationCode	AuthorizationCode

Table 21 Element Differences in Order Detail Report (Continued)

Old Name	New Name
avsCode	AVSResult
cvCode	CVResult

Example 20 Order Detail Report

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
reports/dtd/ctdr_1_10.dtd">
  <Report Name="OrderDetailReport_Daily_Classic"
Type="TransactionRequestReport" Version="1.10" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
OrganizationID="orgID" ReportStartDate="2018-12-10T05:00:00Z"
ReportEndDate="2018-12-11T05:00:00Z">
  <Requests>
    <Request MerchantID="merchantID" RequestID="xx443875249650xx"
RequestDate="2018-12-10T12:11:15Z" MerchantReferenceNumber="xx6082xx"
Source="Secure Acceptance Web/Mobile" User="" Comments="">
      <BillTo>
        <CustomerID/>
        <FirstName>John</FirstName>
        <LastName>Doe</LastName>
        <Address1>23 Main Ave</Address1>
        <Address2/>
        <City>Toronto</City>
        <State>ON</State>
        <Zip>m4n1n7</Zip>
        <Country>CA</Country>
        <CompanyName/>
        <Email>johndoe@gmail.com</Email>
        <Title/>
        <Phone/>
        <IPAddress/>
      </BillTo>
      <ShipTo>
        <FirstName/>
        <LastName/>
        <Address1/>
        <Address2/>
        <City/>
        <State/>
        <Zip/>
        <Country/>
        <Phone/>
      </ShipTo>
      <PaymentMethod>
        <Card>
          <CardType>MasterCard</CardType>
        </Card>
      </PaymentMethod>
    </Request>
  </Requests>
</Report>
```

```

    <ExpirationMonth>03</ExpirationMonth>
    <ExpirationYear>2024</ExpirationYear>
    <AccountSuffix>5876</AccountSuffix>
  </Card>
</PaymentMethod>
<LineItems>
  <LineItem>
    <FulfillmentType/>
    <Quantity>1</Quantity>
    <UnitPrice>25.00</UnitPrice>
    <TaxAmount>0.00</TaxAmount>
    <MerchantProductSKU/>
    <ProductName/>
    <ProductCode>default</ProductCode>
  </LineItem>
</LineItems>
<ApplicationReplies>
  <ApplicationReply Name="ics_auth">
    <RCode>1</RCode>
    <RFlag>SOK</RFlag>
    <ReasonCode>100</ReasonCode>
    <RMsg>Request was processed successfully.</RMsg>
  </ApplicationReply>
  <ApplicationReply Name="ics_bill">
    <RCode>1</RCode>
    <RFlag>SOK</RFlag>
    <ReasonCode>100</ReasonCode>
    <RMsg>Request was processed successfully.</RMsg>
  </ApplicationReply>
</ApplicationReplies>
<PaymentData>
  <PaymentInfo>
    <TransactionReferenceNumber>xx39391xx</TransactionReferenceNumber>
    <eCommerceIndicator>7</eCommerceIndicator>
    <Amount>25.00</Amount>
    <AVSResult>Y</AVSResult>
    <AuthorizationCode>03491S</AuthorizationCode>
    <CVResult>M</CVResult>
    <AuthFactorCode/>
  </PaymentInfo>
  <PaymentInfo>
    <TransactionReferenceNumber>xx117744QK5TOOJXXxx</
TransactionReferenceNumber>
    <eCommerceIndicator>7</eCommerceIndicator>
    <Amount>25.00</Amount>
    <AVSResult>Y</AVSResult>
    <AuthorizationCode>xx491S</AuthorizationCode>
    <CVResult>M</CVResult>
    <AuthFactorCode/>
  </PaymentInfo>
</PaymentData>
<MerchantDefinedData>
  <field1>Field 1</field1>

```

```

    <field2>Field 2</field2>
    <field3/>
    <field4>Field 4</field4>
  </MerchantDefinedData>
</Request>
</Requests>
</Report>

```

Payment Batch Detail Report

Example 21 Old Payment Batch Detail Report Header

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
  pbdr_1_4.dtd">

```

Example 22 Classic Payment Batch Detail Report Header

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
  reports/dtd/ctdr_1_10.dtd">

```

Table 22 Element Differences in Payment Batch Detail Report

Old Name	New Name
Batches	This element was removed.
TransactionId	NetworkTransactionID
Application	ApplicationReply Name
Batch	BATCH
WalletType	SolutionType

Table 23 Differences in SolutionType Values

Old WalletType Value	New SolutionType Value
Chase Pay	007
Android Pay	006
Visa Checkout	visacheckout
Apple Pay	001
V.me Europe	w-vmeeu
V.me	w-vme

Example 23 Payment Batch Detail Report

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
reports/dtd/ctdr_1_10.dtd">
<Report Name="PaymentBatchDetailReport_Daily_Classic"
Type="PaymentBatchDetail" Version="1.10" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
OrganizationID="orgID" ReportStartDate="2018-12-10T08:00:00Z"
ReportEndDate="2018-12-11T08:00:00Z">
  <Requests>
    <Request MerchantID="merchantID" RequestID="xx262165703040xx"
MerchantReferenceNumber="xxx93799xxx" RequestDate="2018-12-10T06:21:22Z">
      <BillTo>
        <CustomerID/>
      </BillTo>
      <PaymentMethod>
        <TypeDescription>Visa</TypeDescription>
      </PaymentMethod>
      <LineItems>
        <LineItem Number="0">
          <InvoiceNumber/>
        </LineItem>
      </LineItems>
      <ApplicationReplies>
        <ApplicationReply Name="ics_auth"/>
        <ApplicationReply Name="ics_bill"/>
      </ApplicationReplies>
      <PaymentData>
        <PaymentInfo>
          <TransactionReferenceNumber>xxx26216570304xxx</
TransactionReferenceNumber>
          <Amount>100.00</Amount>
          <SolutionType/>
          <ProcessorTID/>
          <NetworkTransactionID/>
          <CurrencyCode>USD</CurrencyCode>
          <CurrencyCode/>
        </PaymentInfo>
        <PaymentInfo>
          <TransactionReferenceNumber>xxx6216570304xxx</
TransactionReferenceNumber>
          <Amount>100.00</Amount>
          <SolutionType/>
          <ProcessorTID/>
          <NetworkTransactionID>xxx44228821xxx</NetworkTransactionID>
          <CurrencyCode>USD</CurrencyCode>
          <CurrencyCode/>
        </PaymentInfo>
      </PaymentData>
      <BATCH>
        <BatchID>xx60279xx</BatchID>
    </Request>
  </Requests>

```

```

    <BatchDate>2018-12-11T03:49:00Z</BatchDate>
    <Status>BATCHED</Status>
  </BATCH>
</Request>
</Requests>
</Report>

```

Payment Event Detail Report

Example 24 Payment Event Detail Report Old Header

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/per_1_4.dtd">
  <Report Name="Payment Events" Version="1.4" xmlns="https://ebc.cybersource.com/ebc/reports/dtd/per_1_4.dtd"
  MerchantID="merchantID" ReportStartDate="2018-12-10T08:00:00-08:00"
  ReportEndDate="2018-12-11T08:00:00-08:00">

```

Example 25 Payment Event Detail Report New Header

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd">
  <Report Name="PaymentEventDetailReport_Daily_Classic"
  Type="ProcessorEventsDetail" Version="1.10" xmlns="https://ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
  OrganizationID="orgID" ReportStartDate="2018-12-10T08:00:00Z"
  ReportEndDate="2018-12-11T08:00:00Z">

```

Table 24 Element Differences in Payment Event Detail Report

Old Name	New Name
Check	This element was removed.
TransactionDate	RequestDate
TransactionID	ProcessorTransactionID
MerchantCurrencyCode	CurrencyCode
MerchantAmount	Amount
PaymentTypeDescription	TypeDescription

Example 26 Payment Event Detail Report

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
reports/dtd/ctdr_1_10.dtd">
<Report Name="PaymentEventDetailReport_Daily_Classic"
Type="ProcessorEventsDetail" Version="1.10" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
OrganizationID="orgID" ReportStartDate="2018-12-10T08:00:00Z"
ReportEndDate="2018-12-11T08:00:00Z">
  <Requests>
    <Request RequestID="xxx5134031684790xxx" MerchantID="merchantID"
MerchantReferenceNumber="xxx52_2xxx" RequestDate="2018-11-28T14:25:34Z">
      <BillTo>
        <CustomerID/>
      </BillTo>
      <PaymentMethod>
        <TypeDescription>Checking</TypeDescription>
      </PaymentMethod>
      <ApplicationReplies>
        <ApplicationReply Name="ics_ecp_debit"/>
      </ApplicationReplies>
      <PaymentData>
        <PaymentInfo>
          <TransactionReferenceNumber>xxxHV1VJOKxxx</
TransactionReferenceNumber>
          <ProcessorTransactionID>xxx9831xxx</ProcessorTransactionID>
        </PaymentInfo>
      </PaymentData>
      <Events>
        <Event>
          <Event>FINAL NSF</Event>
          <EventDate>2018-11-29T16:00:00Z</EventDate>
          <CurrencyCode>USD</CurrencyCode>
          <Amount>2484.5</Amount>
          <ConsumerCurrencyCode>USD</ConsumerCurrencyCode>
          <ConsumerAmount>2484.5</ConsumerAmount>
          <FeeCurrencyCode/>
          <FeeAmount/>
          <ProcessorMessage>R01: Insufficient Funds</ProcessorMessage>
          <DebitIndicator>26</DebitIndicator>
        </Event>
      </Events>
    </Request>
  </Requests>
</Report>

```

Payment Submission Detail Report

Example 27 Old Payment Submission Detail Report Header

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/psdr_1_2.dtd">
  <Report Name="Payment Submission Detail" Version="1.0" xmlns="https://ebc.cybersource.com/ebc/reports/dtd/psdr_1_2.dtd"
  MerchantID="merchantID" ReportStartDate="2018-12-13T08:00:00-08:00"
  ReportEndDate="2018-12-14T08:00:00-08:00">
```

Example 28 Classic Payment Submission Detail Report Header

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd">
  <Report Name="PaymentSubmissionDetailReport_Daily_Classic"
  Type="PaymentBatchDetail" Version="1.10" xmlns="https://ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
  OrganizationID="orgID" ReportStartDate="2018-12-13T08:00:00Z"
  ReportEndDate="2018-12-14T08:00:00Z">
```

Table 25 Element Differences in Payment Submission Detail Report

Old Name	New Name
Batches	This element was removed.
TransactionDate	RequestDate
TransactionID	NetworkTransactionID
CustomerId	CustomerID
Application	ApplicationReply Name

Example 29 Payment Submission Detail Report

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd">
  <Report Name="PaymentSubmissionDetailReport_Daily_Classic"
  Type="PaymentBatchDetail" Version="1.10" xmlns="https://ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
  OrganizationID="orgID" ReportStartDate="2018-12-13T08:00:00Z"
  ReportEndDate="2018-12-14T08:00:00Z">
    <Requests>
      <Request MerchantID="merchantID" RequestID="xxx783033586435203xxx"
      MerchantReferenceNumber="xxx456475919.154467xxx" RequestDate="2018-12-13T05:18:23Z">
        <BillTo>
          <CustomerID/>
```

```

</BillTo>
<PaymentMethod>
  <TypeDescription>Visa</TypeDescription>
  <OverridePaymentMethod/>
</PaymentMethod>
<ApplicationReplies>
  <ApplicationReply Name="ics_auth"/>
  <ApplicationReply Name="ics_bill"/>
</ApplicationReplies>
<PaymentData>
  <PaymentInfo>
    <TransactionReferenceNumber>xxxOQPKU7xxx</
TransactionReferenceNumber>
    <Amount>300.00</Amount>
    <PaymentProcessor>fdiaus</PaymentProcessor>
    <CardCategory/>
    <CardCategoryCode/>
    <TargetAmount/>
    <TargetCurrency/>
    <ExchangeRate/>
    <ExchangeRateDate/>
    <DCCIndicator/>
    <AuthorizationCode>xx5706</AuthorizationCode>
    <ProcessorTID/>
    <NetworkTransactionID/>
    <CurrencyCode>AUD</CurrencyCode>
    <NumberOfInstallments/>
    <CurrencyCode/>
  </PaymentInfo>
  <PaymentInfo>
    <TransactionReferenceNumber>xxxOQPKU7xxx</
TransactionReferenceNumber>
    <Amount>300.00</Amount>
    <PaymentProcessor>fdiaus</PaymentProcessor>
    <CardCategory/>
    <CardCategoryCode/>
    <TargetAmount/>
    <TargetCurrency/>
    <ExchangeRate/>
    <ExchangeRateDate/>
    <DCCIndicator/>
    <AuthorizationCode>xx706</AuthorizationCode>
    <ProcessorTID/>
    <NetworkTransactionID/>
    <CurrencyCode>AUD</CurrencyCode>
    <NumberOfInstallments/>
    <CurrencyCode/>
  </PaymentInfo>
</PaymentData>
<BATCH>
  <BatchID>xxx6198xxx</BatchID>
  <BatchDate>2018-12-14T04:18:58Z</BatchDate>
  <Status>BATCHED</Status>

```

```

    </BATCH>
  </Request>
</Requests>
</Report>

```

Subscription Detail Report

Example 30 Old Subscription Detail Report Header

```

<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
sdr.dtd">
  <Report Name="Subscription Detail" Version="1.0" xmlns="https://
ebc.cybersource.com/ebc/reports/dtd/sdr.dtd" MerchantID="merchantID"
ReportStartDate="2018-12-13T08:00:00-08:00" ReportEndDate="2018-12-
14T08:00:00-08:00">

```

Example 31 Classic Subscription Detail Report Header

```

<?xml version="1.0" encoding="utf-8"?>
<Report Name="SubscriptionDetailReport_Daily_Classic"
Type="SubscriptionDetailReport" Version="1.0" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/sdr.dtd"
MerchantID="merchantID" ReportStartDate="2018-12-13T08:00:00Z"
ReportEndDate="2018-12-14T08:00:00Z">

```

Example 32 Subscription Detail Report

```

<?xml version="1.0" encoding="utf-8"?>
<Report Name="SubscriptionDetailReport_Daily_Classic"
Type="SubscriptionDetailReport" Version="1.0" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/sdr.dtd"
MerchantID="mcafeetechmasteruk" ReportStartDate="2018-12-13T08:00:00Z"
ReportEndDate="2018-12-14T08:00:00Z">
  <SubscriptionPayments>
    <SubscriptionPayment payment_request_id="xxxx44404682390xxx"
subscription_id="xxx260603628800xxx" transaction_date="2018-12-
13T11:24:06Z" merchant_ref_number="xxx701" transaction_ref_
number="xxx39099xxx" e_commerce_indicator="R">
      <BillTo>
        <customer_firstname>John</customer_firstname>
        <customer_lastname>Doe</customer_lastname>
        <bill_address1>Flat 193</bill_address1>
        <bill_city>Southend on sea</bill_city>
        <bill_state>ESS</bill_state>
        <bill_zip>SS1 2EU</bill_zip>
        <bill_country>GB</bill_country>
        <customer_email>john.doe@yahoo.co.uk</customer_email>
      </BillTo>
    </SubscriptionPayment>
  </SubscriptionPayments>

```

```

<ShipTo/>
<PaymentMethod>
  <Card>
    <card_type>MasterCard</card_type>
    <customer_cc_expmo>01</customer_cc_expmo>
    <customer_cc_expyr>2020</customer_cc_expyr>
    <account_suffix>3898</account_suffix>
  </Card>
</PaymentMethod>
<PaymentData>
  <ics_applications>ics_bill,ics_auth</ics_applications>
  <recurring_payment_event_amount>129.99</recurring_payment_event_
amount>
  <currency_code>GBP</currency_code>
  <reason_code>203</reason_code>
  <auth_rcode>0</auth_rcode>
  <auth_auth_avs>1</auth_auth_avs>
  <auth_auth_response>xxx0285</auth_auth_response>
  <ics_rcode>0</ics_rcode>
  <ics_rflag>DCARDREFUSED</ics_rflag>
  <ics_rmsg>Not authorised</ics_rmsg>
  <request_token>xxjUN3s6V86HZY8Exxx</request_token>
  <payment_processor>globalcollect</payment_processor>
</PaymentData>
<MerchantDefinedData>
  <merchant_defined_data1>subscription</merchant_defined_data1>
  <merchant_defined_data2>129.99</merchant_defined_data2>
  <merchant_defined_data3>IVRSGS</merchant_defined_data3>
</MerchantDefinedData>
<SubscriptionDetails>
  <recurring_payment_amount>129.99</recurring_payment_amount>
  <subscription_type>recurring</subscription_type>
  <last_subscription_status>HOLD</last_subscription_status>
  <subscription_status>HOLD</subscription_status>
  <subscription_payment_method>MC</subscription_payment_method>
  <recurring_start_date>2017-11-28 08:00:00.0</recurring_start_date>
  <event_retry_count>0</event_retry_count>
  <payments_success>1</payments_success>
  <payment_success_amount>129.99</payment_success_amount>
  <recurring_frequency>annually</recurring_frequency>
  <recurring_approval_required>N</recurring_approval_required>
  <recurring_automatic_renew>Y</recurring_automatic_renew>
  <setup_fee>129.99</setup_fee>
  <setup_fee_currency>GBP</setup_fee_currency>
  <tax_amount>0.00</tax_amount>
</SubscriptionDetails>
</SubscriptionPayment>
</SubscriptionPayments>
</Report>

```

Transaction Exception Detail Report

Example 33 Old Transaction Exception Detail Report Header

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebc.cybersource.com/ebc/reports/dtd/
tdr_1_19.dtd">
<Report Name="Transaction Detail" Version="1.11" xmlns="https://
ebc.cybersource.com/ebc/reports/dtd/tdr_1_19.dtd"
MerchantID="merchantID" ReportStartDate="2018-12-10T05:00:00-05:00"
ReportEndDate="2018-12-11T05:00:00-05:00">
```

Example 34 Classic Transaction Exception Detail Report Header

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
reports/dtd/ctdr_1_10.dtd">
<Report Name="TransactionDetailReport_Daily_Classic"
Type="TransactionRequestReport" Version="1.10" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
OrganizationID="orgID" ReportStartDate="2018-12-10T05:00:00Z"
ReportEndDate="2018-12-11T05:00:00Z">
```

Table 26 Element Differences in Transaction Exception Detail Report

Old Name	New Name
CardType	Type
MerchantDefinedData	This element was removed.

Example 35 Transaction Exception Detail Report

```
<?xml version="1.0" encoding="utf-8"?>
  <!DOCTYPE Report SYSTEM "https://ebctest.cybersource.com/ebctest/
reports/dtd/ctdr_1_10.dtd">
<Report Name="TransactionDetailReport_Daily_Classic"
Type="TransactionRequestReport" Version="1.10" xmlns="https://
ebctest.cybersource.com/ebctest/reports/dtd/ctdr_1_10.dtd"
OrganizationID="orgID" ReportStartDate="2018-12-10T05:00:00Z"
ReportEndDate="2018-12-11T05:00:00Z">
  <Requests>
    <Request RequestID="xxx20998729685170xxx" RequestDate="2018-12-
10T05:49:58Z" MerchantReferenceNumber="xxdaf4-cc37-4xx"
MerchantID="merchantID" Source="HOA" SubscriptionID="" User="xxx9-0001xx"
Comments="">
      <BillTo>
        <FirstName>John</FirstName>
        <LastName>Doe</LastName>
        <MiddleName/>
        <Address1/>
```

```

<Address2/>
<City/>
<State/>
<Zip/>
<Country/>
<CompanyName/>
<Email/>
<Title/>
<Phone/>
<IPAddress/>
<HostName/>
<CustomerID/>
<NameSuffix/>
<UserName/>
<PersonalID/>
</BillTo>
<ShipTo>
<Address1/>
<Address2/>
<City/>
<State/>
<Zip/>
<Country/>
<Phone/>
<FirstName/>
<LastName/>
<CompanyName/>
</ShipTo>
<Shipping>
<Method/>
<Carrier/>
</Shipping>
<PaymentMethod>
<TypeDescription>PayPal</TypeDescription>
<OverridePaymentMethod/>
<Type>paypal</Type>
</PaymentMethod>
<LineItems>
<LineItem Number="0">
<FulfillmentType/>
<Quantity>1</Quantity>
<UnitPrice>181.29</UnitPrice>
<TaxAmount>0.00</TaxAmount>
<MerchantProductSKU/>
<ProductName/>
<ProductCode>default</ProductCode>
<InvoiceNumber/>
</LineItem>
</LineItems>
<ApplicationReplies>
<ApplicationReply Name="ics_paypal_ec_set">
<RCode>1</RCode>
<RFlag>SOK</RFlag>

```

```

    <RMsg>Success</RMsg>
  </ApplicationReply>
</ApplicationReplies>
<PaymentData>
  <PaymentInfo>
    <Amount>181.29</Amount>
    <AVSResultMapped/>
    <AuthorizationCode/>
    <CVResult/>
    <PaymentProcessor>paypal</PaymentProcessor>
    <eCommerceIndicator/>
    <CardCategory/>
    <CardCategoryCode/>
    <SolutionType/>
    <TransactionReferenceNumber/>
    <PaymentRequestID>xxx2099872968517xxx</PaymentRequestID>
    <TotalTaxAmount/>
    <AuthorizationType/>
    <AVSResult/>
    <ProcessorResponseCode/>
    <EMVServiceCode/>
    <NetworkTransactionID/>
    <ProcessorTID/>
    <SenderReferenceNumber/>
    <AFTIndicator/>
    <ProcessorResponseID/>
    <AuthIndicator/>
    <AuthReversalResult/>
    <AuthReversalAmount/>
    <PayerAuthenticationInfo>
      <ECI/>
      <AAV_CAVV/>
      <XID/>
    </PayerAuthenticationInfo>
    <CurrencyCode>USD</CurrencyCode>
    <NumberOfInstallments/>
    <ACHVerificationResult/>
    <ACHVerificationResultMapped/>
    <GrandTotal/>
    <CurrencyCode/>
    <BalanceAmount/>
    <BalanceCurrencyCode/>
    <RequestedAmount/>
    <RequestedAmountCurrencyCode>USD</RequestedAmountCurrencyCode>
    <EVEmail/>
    <EVEmailRaw/>
    <EVName/>
    <EVNameRaw/>
    <EVPhoneNumber/>
    <EVPhoneNumberRaw/>
    <EVStreet/>
    <EVStreetRaw/>
    <EVPostalCode/>

```



```

    <EVPostalCodeRaw/>
    <BinNumber/>
  </PaymentInfo>
</PaymentData>
<RiskData>
  <Factors/>
  <HostSeverity/>
  <Score/>
  <TimeLocal/>
  <ConsumerPasswordProvided/>
  <LostPassword/>
  <RepeatCustomer/>
  <CookiesAccepted/>
  <ConsumerLoyalty/>
  <ConsumerPromotions/>
  <GiftWrap/>
  <ReturnsAccepted/>
  <ProductRisk/>
  <AppliedThreshold/>
  <AppliedTimeHedge/>
  <AppliedVelocityHedge/>
  <AppliedHostHedge/>
  <AppliedCategoryGift/>
  <AppliedCategoryTime/>
  <AppliedAVS/>
  <AppliedCV/>
  <BinAccountType/>
  <BinScheme/>
  <BinIssuer/>
  <BinCountry/>
  <IPCity/>
  <IPCountry/>
  <IPRoutingMethod/>
  <IPState/>
  <DeviceFingerprint/>
  <CookiesEnabled/>
  <FlashEnabled/>
  <ImagesEnabled/>
  <JavascriptEnabled/>
  <ProxyIPAddress/>
  <ProxyIPAddressActivities/>
  <ProxyIPAddressAttributes/>
  <ProxyServerType/>
  <TrueIPAddress/>
  <TrueIPAddressActivities/>
  <TrueIPAddressAttributes/>
  <TrueIPAddressCountry/>
  <TrueIPAddressCity/>
  <InfoCodes>
    <InfoCode>
      <CodeType/>
      <CodeValue/>
    </InfoCode>
  </InfoCodes>

```

```
</InfoCodes>
</RiskData>
<ProfileList>
  <Profile>
    <ProfileMode/>
    <ProfileDecision/>
    <RuleList>
      <Rule>
        <RuleName/>
        <RuleDecision/>
      </Rule>
    </RuleList>
  </Profile>
</ProfileList>
<TravelData>
  <TripInfo>
    <CompleteRoute/>
    <JourneyType/>
    <DepartureDateTime/>
  </TripInfo>
  <PassengerInfo>
    <Passenger>
      <PassengerFirstName/>
      <PassengerLastName/>
      <PassengerID/>
      <PassengerStatus/>
      <PassengerType/>
      <PassengerPhone/>
      <PassengerEmail/>
    </Passenger>
  </PassengerInfo>
</TravelData>
</Request>
</Requests>
</Report>
```
