



commission junction

Data Transfer Guide

Advertiser Product Data

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Overview

Commission Junction's product catalog functionality allows links to your products to be available to the entire CJ Marketplace, or a select few publishers if desired. Product links enable you to integrate buying opportunities directly within relevant content for immediate purchasing opportunities. For example, on a Web site about the Caribbean, a publisher could place a CD of Caribbean music from an online record vendor somewhere in an article about the native music. Whoever is reading this content is already interested in the music and has a higher chance of actually purchasing the product offered. This is called buying at the point of interest. Adding product links to your Commission Junction program lets content providers place your products within the context of their content and create impulse buying opportunities for visitors. Product catalogs are currently in use by many top rewards sites, comparison shopping sites and shopping mall sites within the CJ Marketplace.

Setting up a data transfer subscription with Commission Junction enables you to transfer your product catalog data in an ASCII file for import into our system. The product information you transfer will be available as content providers search for links within the Commission Junction product catalog (you may request to remove access to your catalog in publisher searches upon request, however). Should your inventory change or if products become unavailable for a period of time, you can simply transfer additional files reflecting the changes.

This document provides an overview of the steps involved in preparing your file and implementing data transfer according to the formats and methods supported by Commission Junction. The online help provides information on product management within the *CJ Account Manager*.

Subscription Set-up Overview

The file must contain certain values in a specific format to be recognized by the Commission Junction system. These values and other settings are part of your subscription, which determines the data transfer specifications. Additionally, Commission Junction configures your data format and transport method of your data transfer results to the recommended default. Commission Junction contacts you to obtain the necessary information to configure your subscription.

Contacting Commission Junction

For assistance, please contact Technical Support by accessing the **Contact Us** hyperlink in your *CJ Account Manager*. In the pop-up window, click the **Go** link in the Ask a Question area. Select the category from the following list of choices.

Information	Selection
Data Transfer Requests (except re-integration)	<i>Data Transfer>Data Transfer Request</i>
Re-Integration Requests	<i>Action Integration>Action Integration</i>
Data Transfer General Questions	<i>Data Transfer>Data Transfer Q&A</i>
Product Catalog Data Requests	<i>Data Transfer>Product Catalog</i>
Item List Requests	<i>Data Transfer>Data Transfer Request</i>

Note: *(Regarding Re-Integration)* If you are currently integrated in the CJ Marketplace and switching from standard to item-based data transfer, ensure your tracking allows for the 7-day period in which publishers may decide whether to accept the new terms associated with the action change.

For example, a publisher can refer standard actions for the first 3 days of the 7-day period, accept the new program terms on day 4, and refer item-based actions thereafter. Your data file submissions for this period must include data for both actions—in essence, a double reporting of action data. The Commission Junction system determines which records in your data files are applicable and disregard the remainder. This ensures that all referred actions are properly credited.

Standard v. Gateway Advertisers

In the Commission Junction Network we categorize Advertisers in two ways during the integration of their program: Standard or Gateway. Please refer to the definitions below.

- **Standard Advertiser:** This is a client who tracks every transaction occurring on their web domain through Commission Junction. This client also does not have any unique points of entry or Gateway entry into their Web domain in order to enable tracking for a Publisher's commission payment.
- **Gateway Advertiser:** This is a client who does not display or track every transaction occurring on their Web domain through Commission Junction; rather, this client implements a Gateway. A Gateway is defined as a unique URL string and/or name=value pairs embedded within a URL string designed to trigger Commission Junction's tracking mechanism enabled on your end.

More Information for Gateway Advertisers (Only)

If you select to be a Gateway client, you must add the Gateway URL string and/or name=value pairs needed within them to the URL destinations uploaded to the Commission Junction ad serving system to enable commission based tracking. You may complete this by using your CJ Account Manager>Manage Links area. The system will deny your URLs upload if the appropriate Gateway URL string and/or name=value pairs do not exist. These pairs are required in order for the tracking session for Commission Junction referrals to be valid.

If you do implement such functionality, you are required to identify all returning customers referred by Commission Junction if they leave your web domain and return within the minimum time frame defined within the Action Referral Period of your Program Term. This period cannot be less than 24 hours. This is part of your agreement with Commission Junction.

If you implement a Gateway on your Web domain, you are not allowed any other link types other than banner ads and text links. Restricted links types for Gateway advertiser are as follows.

- Advanced Links
- Smart Links
- Content Links
- Product Links/Catalogs

If you implement a Gateway and an advertiser is interested in allowing publishers to utilize or any of the link types in the restricted area above or link redirection, they will have to implement a Gateway which can perform what we call URL redirection.

If you would like more information regarding implementing URL redirection, contact Technical Support through the *CJ Account Manager*>**Contact Us** link. Select the following.

- Category: General Advertiser Questions
- Sub-Category: Link Support
- Subject: Request for URL Redirection Information
- Question: Request for URL Redirection Information

If you wish to respond to the information above, access the **Contact Us** link and click the Check Question Status **Go** button. Select your incident by clicking the **Update** button, and input your response.

Once your request is logged, our Technical Support Team contacts you within 48 hours with implementation instructions for your URL redirection integration.

Supported Transfer Methods

Once your data is collected, reviewed and formatted to Commission Junction specifications, your data can be transferred in an ASCII file to Commission Junction via one of the following methods:

- **email:** Advertiser emails data file to Commission Junction.
- **Commission Junction FTP:** Advertiser transfers file via FTP to Commission Junction FTP server.
- **Client FTP:** Advertiser makes file available on client FTP server for Commission Junction to access.
- **HTTP/HTTPS:** Advertiser makes file available at a specific URL for Commission Junction to access.

Note: Export files are left on the CJ FTP/HTTP/HTTPS server for 30 days (7 days for products).

Successful import files are archived for 120 days (2 days for products). Unsuccessful (error) import files are archived for 30 days (3 days for products).

Transfer Overview (email and Commission Junction FTP)

Advertiser	-->	Step 1: Advertiser transfers data file via email or FTP. Commission Junction system processes data.	-->	Commission Junction
	<--	Step 2: Commission Junction system sends an import receipt confirmation email, processes the transaction file and returns a results report to subscription email address.	<--	

Transfer Overview (Client FTP, HTTP and HTTPS)

Advertiser	-->	Step 1: Commission Junction system retrieves data file from advertiser FTP server or HTTP/HTTPS address and processes data. Compressed files are not supported via http transfer via HTTP/HTTPS.	-->	Commission Junction
	<--	Step 2: Commission Junction system sends an import receipt confirmation email, processes the transaction file and returns a results report to subscription email address.	<--	

Note: Your ASCII file must contain specific values and formatting to be processed by the Data Transfer system. Refer to Content Guidelines and Format Guidelines for specifications.

Content Guidelines

Character Sets

Commission Junction supports the following default character set for transferred files:

- Microsoft Codepage 1252 (includes 7-bit ASCII, ISO Latin 1, and several additional characters)

Commission Junction supports a handful of other character sets in addition to Codepage. For delimited formats (pipe, tab or comma), the header of the file must contain an ENCODING field to enable our system to process a non-default character set (see table below). For XML format, a non-default character set must be specified before the file’s header (see Data File Examples).

Header Fields

The following table lists the header fields (both required and optional) and ordering that are supported for inclusion in your ASCII file you transfer to Commission Junction.

Field	Description	Required?
CID	The advertiser's (your) account number (ID - CID) with Commission Junction. Example: 2539845	Yes
SUBID	The advertiser's (your) subscription ID for transfer. Example: 143	Yes
DATEFMT	<p>The date format of the Event Date value. The default US format is MM/DD/YYYY HH12:MI PM. A date string of 21-JAN-2004 16:32, for example, requires a date format of DD-MON-YYYY HH24:MI.</p> <p>Note: Dates in the future are not accepted by the data transfer system.</p> <p>Use the following place holders to build the format string:</p> <ul style="list-style-type: none"> ▪ YYYY Year in four digits ▪ YY Year in two digits ▪ MM Month in two digits (01=January, 12=December) ▪ DD Day in two numeric digits (01-31) ▪ MON Three letter abbreviation for month (JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC) ▪ MONTH Complete spelling of month (January, February, March, April, May, June, July, August, September, October, November, December) ▪ HH24 Hour in two digits (00-23) ▪ HH12 Hour in two digits (01-12) Needs AM or PM in addition ▪ PM Place holder for AM or PM ▪ MI Minutes in two digits (00-59) ▪ SS Seconds in two digits (00-59) 	No (Only required if specifying a format other than default: U.S.)
PROCESSTYPE	Your data file must indicate either OVERWRITE or UPDATE regarding the	Yes

	<p>purpose of your file submission:</p> <ul style="list-style-type: none"> ▪ OVERWRITE: Use this parameter when you are submitting your first data file, or a file that replacing your existing data in the system. ▪ UPDATE: Use this parameter when the file you are submitting is intended to update (make specific modifications to) your existing product data in the Commission Junction system. 	<p>Either OVERWRITE or UPDATE is required.</p>
AID	<p>Product Catalog Ad ID number. Each catalog in your program has only one AID that applies to each product within it. Example: 9876543</p>	Yes
ENCODING	<p>The character set to which your data conforms. This field applies to delimited formats only, not XML. Any characters outside of the specified character set return a processing error. If you only provide characters that fall within the default set (Microsoft Codepage 1252, including ISO Latin 1 and 7-bit ASCII)—and do not require strict adherence to a particular set—this field is optional. Supported values include:</p> <ul style="list-style-type: none"> ▪ UTF-8: Eight-bit Unicode Transformation Format, restricted to BMP (including all Unicode characters up to code point 65535) ▪ ISO-8859-1: ISO Latin 1 ▪ ISO-8859-15 ▪ Cp1252: Microsoft Codepage 1252 ▪ US-ASCII: 7-bit ASCII 	No
PARAMETERS	<p>Specifies the body parameters you provide in your file. At minimum, it must include the parameters marked as Yes in the Required column of the Body table. The list must be in pipe-delimited format (described in the next section). Example with required parameters: &PARAMETERS=NAME KEYWORDS DESCRIPTION SKU BUYURL AVAILABLE PRICE</p>	Yes

Body Fields

The following table lists the body fields (both required and optional) and ordering that are supported for inclusion in your ASCII file.

Note: Some field names listed in the following table appear as multiple words (e.g., the field name PROMOTIONALTEXT appears separated into PROMOTIONAL and TEXT in the table), however in actual use, all field names must be one word. Do not use spaces.

- Numbers in parenthesis in the Data Type column represent the maximum number of supported characters. If there are two numbers, the second number indicates the maximum number of decimals allowed in the value. For example, (10,2) indicates that 8 digits are supported before the decimal and 2 after (for a total of 10 digits).
- If you provide data that exceeds the stated maximum character length for the following parameters, the system will truncate the data to the character limit:
 - Name
 - Keywords
 - Description
 - Promotional Text
 - Warranty
- The required parameters (NAME, KEYWORDS, DESCRIPTION, SKU, BUYURL, AVAILABLE, PRICE) must be provided in the body of your file and listed in the PARAMETERS portion of the header. Any non-required parameters you provide must also be listed in the PARAMETERS list.
- Pipe characters (|) are not supported within any values.

Note: Do not include characters in your data that break your import format (e.g., CSV data including commas, TAB data including tabs, etc.).

Important: It is strongly recommended that in addition to the required parameters, you include the following optional parameters to better optimize your results.

- **MANUFACTURER** (name)
- **MANUFACTURERID**
- **UPC** (If applicable. Not appropriate for international.)
- **ISBN** (If applicable. Only valid for books.)
- **ADVERTISERCATEGORY:** Use a > value for a delimiter and provide a complete drill-down path (i.e., tools>hand tools>hammers. If you do not include the ADVERTISERCATEGORY parameter, publishers will not have search capability. Publishers like the ability to pick and choose products by category. Using this field with a certain level of depth can only improve the ability publishers to promote advertisers via those product links.

Important: In order for Commission Junction to credit the publisher correctly for past referrals, you must assign the catalog item to an item list at the time the action occurs. We recommend you use the INSTOCK column of the product catalog to notify the publishers of out of stock items, but still keep products in their catalog for the duration of your referral cookie, in order to credit publishers for past clicks. After a period of time, use the available column to remove the product from the product catalog and item list.

Field	Description	Example	Data Type	Required
NAME	<p>The product's name. This field cannot contain HTML links or coding.</p> <p>The first impression publishers have of your products when looking to select them for display on their Web site is the product name. Make the name as informative as possible.</p> <p>The Commission Junction search engine uses data in this field to locate words and phrases publishers enter in the search box to locate products.</p> <p>If the string contains double quotes, represent them with &quot; as follows: &quot;The Best Software Ever&quot;</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: Single quotes (apostrophes) are accepted in delimited formats but require special code in XML (see next section).</p> </div>	Business Software Suite	String (160)	Yes
KEYWORDS	<p>A set of keywords describing the product that can be separated by commas or spaces if desired.</p> <p>The Commission Junction search engine uses data in this field to locate words and phrases publishers enter in the search box to locate products. This string cannot contain double quotes (" ").</p>	software, business, accounting, money,tax	String (300)	Yes
DESCRIPTION	<p>The product's description in paragraph-style text that cannot contain HTML links or coding.</p> <p>The description field is the next place to attract the eye of the consumer. Because the consumer lacks a "touch and feel" product experience, the more you describe the size, shape, weight, color and features, the more likely the consumer is drawn into the buying experience.</p>	Our Software Suite is ranked number one among competing products by Business Tomorrow's survey.	String (3000)	Yes
SKU	<p>Advertiser's unique identifier for the product. No two may be alike. Re-submitting the SKU number enables changes to be made to availability, pricing or other product information.</p> <p>The Commission Junction search engine queries this field when publishers use the search box to locate products.</p>	000343568	String (100)	Yes
BUYURL	<p>The URL of the page at which a shopper can buy the product. Shoppers go directly to your store when they click on the product link.</p> <p>If a specific landing page is utilized for Commission Junction links, enter that URL so that product links access it.</p>	http://www.sof tgoods.com/store/cgi/store .cgi? productid=12 3456	String in URL format (500)	Yes. This value must begin with "http://" or "https://"

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AVAILABLE	Indicate whether or not the product is in your catalog. If you are adding a new product enter YES. If you are performing an UPDATE and wish to remove a product, entering NO deletes the product from the system.	Must be YES or NO (not case-sensitive)	String (3)	Yes
IMAGEURL	Location of advertiser-hosted product image. Commission Junction supports a default image size of 200x200 pixels. However, the size of the image on your system is the size of the image used in this link. Advertisers house this graphic and are responsible for maintaining correct size.	http://www.softgoods.com/store/software/bss.jpg	String in URL format (300)	No. This value must begin with "http://" or "https://" if provided.
PRICE	The product's selling price (decimal format). Note: All currency values must be provided in a numerical format, with a decimal point as needed. If not specified, products default to the advertiser's functional currency. The Commission Junction system does not support other characters, such as dollar signs (\$) or commas (,).	121.59	Number (10,2)	Yes
RETAILPRICE	The retail price or manufacturer suggested retail price of product. Note: All currency values must be provided in a numerical format, with a decimal point as needed. If not specified, products default to the advertiser's functional currency. The Commission Junction system does not support other characters, such as dollar signs (\$) or commas (,).	199.59	Number (10,2)	No
SALEPRICE	Optional sale price for the product, if different from the actual price. Note: All currency values must be provided in a numerical format, with a decimal point as needed. If not specified, products default to the advertiser's functional currency. The Commission Junction system does not support other characters, such as dollar signs (\$) or commas (,).	105.69	Number (10,2)	No
CURRENCY	The three letter currency code that specifies the currency for the product prices. Refer to Appendix A for the most current list of supported currency codes. Note: If you do not specify a code, product prices display in US dollars (USD).	GBP	String (3)	No

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UPC	12-digit UPC, or 13-digit EAN number.	023412341235	String (100)	No (Recommended)
PROMOTIONAL TEXT	A small amount of text explaining the promotion, if applicable.	Free shipping on orders over \$250	String (300)	No
ADVERTISER CATEGORY	Field populated by advertisers who are using their own category scheme for products.	Fishing	String (300)	No (Recommended)
MANUFACTURER	The brand or manufacturer of the product.	BussySoft Programming Group	String (160)	No (Recommended)
MANUFACTURERID	Manufacturer's unique product code	XD-FGH897	String (64)	No (Recommended)
ISBN	ISBN number, if available. This is a unique, machine-readable identification number that is often applied to books.	0672315947	String (64)	No (Recommended)
AUTHOR	Used for books.	Jack London	String (130)	No
ARTIST	Used for recorded media.	Sheryl Crow	String (130)	No
PUBLISHER	Used for books.	Macmillan	String (130)	No
TITLE	Used for books and recorded media.	Alaska by Foot	String (130)	No
LABEL	Used for recorded media (CD publisher, etc.).	EMI	String (130)	No
FORMAT	Format of product. For example: CD=Compact Disc, MC=Cassette, LP=Long Play Record, DVD=Digital Video Disk, VHS=VHS Video.	CD	String (64)	No
SPECIAL	Used to denote a special offer. Can be used by a publisher to identify unique products.	Must be YES or NO, if provided	String (3)	No
GIFT	If the product is suggested as a gift item, providing YES for this parameter enables publishers looking for gift items to more easily identify the applicable products.	Must be YES or NO, if provided	String (3)	No
THIRDPARTYID	This can be a third party category ID (such as a publisher's ID), or used to tailor a catalog to a specific publisher.	546sdzo	String (64)	No
THIRDPARTY CATEGORY	The third party category can be used to tailor a product catalog to a specific publisher's category structure. The value for this parameter may be comma-delimited.	Electronics, Computer	String (300)	No
OFFLINE	Indicates whether the offer is available offline (e.g., available through retail store).	Must be YES or NO, if provided	String (3)	No

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ONLINE	Indicates whether the offer is available online (through a Web site).	Must be YES or NO, if provided	String (3)	No
FROMPRICE	This is a flag indicating whether or not the price should be displayed with a caveat indicating that actual price may be different.	Must be YES or NO, if provided	String (3)	No
STARTDATE	The start date for a limited-time offer. This value is usually provided in conjunction with SPECIAL. If you provide this value, the date format must be specified in the header. This value must match the format you specify.	04/01/2003 12:00 AM	Limited to formats described in Header table	No
ENDDATE	The date on which the offer ends or is no longer valid (if the offer is for a limited time—usually used in conjunction with SPECIAL). If you provide this value, it must match the date format in the header.	05/01/2003 12:00 AM	Limited to formats described in Header table	No
INSTOCK	Indicates whether or not the product is currently in your inventory.	Must be YES or NO, if provided	String (3)	No
CONDITION	Condition of product.	Must be “New”, “Used” or “Refurbished” if provided	String (11)	No
WARRANTY	Description of warranty accompanying the product.	1 year parts and labor	String (300)	No
STANDARDSHIP PINGCOST	Normally the cost for the typical standard, lowest cost shipping method. It is provided for informational purposes and the actual shipping cost could vary.	4.55	Number (10,2)	No
MERCHANDISETYPE	Advertiser-assigned list name. Used to specify the item list with which the product is to be associated.	“The Original Fruit Basket” or “Happy Birthday Balloons”	String (100)	No

Publisher Notes

Notification of Link Changes

Please note that if you remove a product or change the Buy URL value, you must notify the publishers using the link to ensure that their site code reflects the changes.

Product Data Feed

In addition to importing product data from advertisers, Commission Junction also exports product data to qualifying publishers (online shopping malls, comparison shopping sites, etc.) for the advertisers who have made their catalog available to them. Product data feeds to publishers have the following differences from the advertiser parameters:

- PROGRAMNAME: Name of the advertiser program.
- LASTUPDATED: Informs the publisher of the date of the most recent update to the product.
- IMPRESSIONURL: Impression tracking code. This is an image tag for a 1x1 pixel that uses the product's Ad ID and the subscription's Web site ID.
- AVAILABLE: Not provided in publisher feed.

Format Guidelines

Commission Junction supports the following data file formats for imports and results reports.

- Pipe-delimited
- Tab-delimited
- Comma-delimited (CSV)
- XML (eXtensible Markup Language)
- Name/Value (for results reports only)

This section provides simple import examples of the supported formats, along with a list of general guidelines for each. For additional examples, see the Data File Examples section.

Important: Additional product records in delimited formats can be added with a line break between each. Additional records in XML format are added as described later in this section.

The file examples in this section contain line breaks within product records for readability purposes only (space limitations prevent records from being shown on one line in this document). Individual records must be continuous with no line breaks. See the guidelines later in this section for further details.

Pipe-delimited

In the example below, not all of the available parameters are applicable to the product (ISBN, Author, Artist, etc.), and are therefore excluded from the header and body. If you select the Pipe-delimited format for product data imports and results reports, and an error generates, the failed record displays an exclamation mark (!) as a replacement for any Pipe (|) characters in the original record.

Note: Although supported, pipe-delimited format causes frequent errors. To avoid errors, choose another format if possible.

```
&CID=936
&SUBID=123
&DATEFMT=MM/DD/YYYY HH12:MI PM
&PROCESSTYPE=OVERWRITE
&AID=1643253
&PARAMETERS=NAME|KEYWORDS|DESCRIPTION|SKU|BUYURL|AVAILABLE|
IMAGEURL|PRICE|RETAILPRICE|SALEPRICE|CURRENCY|UPC|PROMOTIONALTEXT|
ADVERTISERCATEGORY|MANUFACTURER|MANUFACTURERID|GIFT|THIRDPARTYID|
THIRDPARTYCATEGORY|OFFLINE|ONLINE|FROMPRICE|STARTDATE|ENDDATE|
INSTOCK|CONDITION|WARRANTY|STANDARDSHIPPINGCOST|MERCHANDISETYPE
70-300mm f/4-5.6 APO Macro Super for Nikon AF|Lense, Optics, Sigma|Sigma's 70-300mm
F4-5.6 APO MACRO SUPER is a compact Apochromatic tele zoom lens incorporating two
Special Low Dispersion glass elements in the front lens group, plus one Special L
ow Dispersion glass element in the rear lens group, to minimize chromatic aberrat
ion.|0-85126-50444-1|http://www.tors-cameras.com/shop/product.asp?id=0-85126-5044
4-1|YES|http://www.tors-cameras.com/images/0-85126-50444-1.gif|289.95|612.00|249.
95|USD|085126504441|Free shipping for a limited time|Lenses|Sigma|504306|YES|546s
dzo|Camera|YES|YES|NO|04/01/2003 12:00 AM|05/01/2003 12:00 AM|Yes|New|1 year part
s and labor|7.59|Nikon Lenses
```

Tab-delimited

In the example below, "-" represents the point at which a tab must occur. The actual file should not have this character. In the example below, not all of the available parameters are applicable to the product (ISBN, Author, Artist, etc.), and are therefore excluded from the header and body.

```
&CID=936
&SUBID=123
&DATEFMT=MM/DD/YYYY HH12:MI PM
&PROCESSTYPE=OVERWRITE
&AID=1643253
&PARAMETERS=NAME|KEYWORDS|DESCRIPTION|SKU|BUYURL|AVAILABLE|IMAGEURL|PRICE|RETAILPRICE|
SALEPRICE|CURRENCY|UPC|PROMOTIONALTEXT|ADVERTISERCATEGORY|MANUFACTURER|MANUFACTURERID
|GIFT|THIRDPARTYID|THIRDPARTYCATEGORY|OFFLINE|ONLINE|FROMPRICE|STARTDATE|ENDDATE|INSTOCK|
CONDITION|WARRANTY|STANDARDSHIPPINGCOST|MERCHANDISETYPE
70-300mm f/4-5.6 APO Macro Super for Nikon AF->Lense,Optics,Sigma->Sigma's 70-300
mm F4-5.6 APO MACRO SUPER is a compact Apochromatic tele zoom lens incorporating two Special Low Dispersion
glass elements in the front lens group, plus one Special Low Dispersion glass element in the rear lens group, to
minimize chromatic aberration.->0-85126-50444-1->http://www.tors-cameras.com/shop/product.asp?id=0-85126
-50444-1->YES->http://www.tors-cameras.com/images/0-85126-50444-1.gif->289.95->612
.00->249.95->USD->085126504441->Free shipping for a limited time->Lenses->Sigma->50
4306->YES->546sdzo->Camera->YES->YES->NO->04/01/2003 12:00 AM->05/01/2003 12:00 AM->
Yes->New->1 year parts and labor->7.59->Nikon Lenses
```

Comma-delimited (CSV)

In the example below, not all of the available parameters are applicable to the product (ISBN, Author, Artist, etc.), and are therefore excluded from the header and body.

```
&CID=936
&SUBID=123
&DATEFMT=MM/DD/YYYY HH12:MI PM
&PROCESSTYPE=OVERWRITE
&AID=1643253
&PARAMETERS=NAME|KEYWORDS|DESCRIPTION|SKU|BUYURL|AVAILABLE|IMAGEURL|
PRICE|RETAILPRICE|SALEPRICE|CURRENCY|UPC|PROMOTIONALTEXT|ADVERTISERCATEGORY|
MANUFACTURER|MANUFACTURERID|GIFT|THIRDPARTYID|THIRDPARTYCATEGORY|OFFLINE|
ONLINE|FROMPRICE|STARTDATE|ENDDATE|INSTOCK|CONDITION|WARRANTY|STANDARDSHIPPINGCOST|
MERCHANDISETYPE
70-300mm f/4-5.6 APO Macro Super for Nikon AF,"Lense,Optics,Sigma","Sigma's 70-30
0mm F4-5.6 APO MACRO SUPER is a compact Apochromatic tele zoom lens incorporating two Special
Low Dispersion glass elements in the front lens group, plus one Speci
al Low Dispersion glass element in the rear lens group, to minimize chromatic abe
rration.",0-85126-50444-1,http://www.tors-cameras.com/shop/product.asp?id=0-85126
-50444-1,YES,http://www.tors-cameras.com/images/0-85126-50444-1.gif,289.95,612.00
,249.95,USD,085126504441,Free shipping for a limited time,Lenses,Sigma,504306,YES
,546sdzo,Camera,YES,YES,NO,04/01/2003 12:00 AM,05/01/2003 12:00 AM,Yes,New,1 year parts and labor,7.59,
Nikon Lenses
```

Note: If exporting a CSV file from Excel for import to the Commission Junction system, you must open the file post-export in a text editor and remove the stray commas from the headers placed by Excel. If your file is large, you may need a special editor to edit the file. If you do not remove the stray commas, an error message generates upon import and no results transmit.

Requirements for Delimited (Pipe, Tab and Comma) Formats

All Delimited	Each record or product must appear on a separate line. Records or products may NOT be continued on a second line (no line feeds permitted).
	No control characters (including tabs) or extra spaces may be used. Pay particular attention to the ends of lines in the header and body, which should not end in white space (tab or space). Note: (Tab-delimited only) If you plan to omit the last value from any records in your files, use GPG to sign your file as PGP has a bug that does not allow trailing white space (tab or space). An alternative is to set up your subscription for another format (pipe-delimited, comma-delimited or XML).
	The order of field names in the header must match the order of the product information entered in the body of the file.
	No word wrapping may be used.
	Lines beginning with ; are treated as comments and are ignored by the system.
Comma Delimited Only	If a comma exists within a value, quotation marks must be placed around the value (e.g., z9320-sale, discount would be "z9320-sale, discount"). This prevents the system from considering the comma to be a divider between values.
	If a value contains double quotes, you must enclose the entire value in double quotes and escape the value's quotes by preceding them with additional double quotes (e.g., big "black" dog must be displayed as "big ""black"" dog").

XML

```
<?xml version="1.0"?>
<!DOCTYPE product_catalog_data SYSTEM
"http://www.jdoqocy.com/content/dtd/product_catalog_data_1_1.dtd">
<product_catalog_data>
<header>
<cid>2539845</cid>
<subid>123</subid>
<datefmt>MM/DD/YYYY HH12:MI PM</datefmt>
<processtype>OVERWRITE</processtype>
<aid>1643253</aid>
</header>
<product>
<name>70-300mm f/4-5.6 APO Macro Super for Nikon AF</name>
<keywords>Lense,Optics,Sigma</keywords>
<description>Sigma's 70-300mm F4-5.6 APO MACRO SUPER is a compact Apochromatic tele
zoom lens incorporating two Special Low Dispersion glass elements in the front lens group, plus one
Special Low Dispersion glass element in the rear lens group, to minimize chromatic
aberration.</description>
<sku>0-85126-50444-1</sku>
<buyurl>http://www.tors-cameras.com/shop/product.asp?id=0-85126-50444-1</buyurl>
<available>Yes</available>
<imageurl>http://www.tors-cameras.com/images/0-85126-50444-1.gif</imageurl>
<price>289.95</price>
<retailprice>612.00</retailprice>
<saleprice>249.95</saleprice>
```

```
<currency>USD</currency>
<upc>085126504441</upc>
<promotionaltext>Free shipping for a limited time</promotionaltext>
<advertisercategory>Lenses</advertisercategory>
<manufacturer>Sigma</manufacturer>
<manufacturerid>504306</manufacturerid>
<special>Yes</special>
<thirdpartyid>546sdzo</thirdpartyid>
<thirdpartycategory>Camera</thirdpartycategory>
<offline>Yes</offline>
<online>Yes</online>
<startdate>04/01/2003 12:00 AM</startdate>
<enddate>05/01/2003 12:00 AM</enddate>
<instock>Yes</instock>
<condition>New</condition>
<warranty>1 year parts and labor</warranty>
<standardshippingcost>7.59</standardshippingcost>
<merchandisetype>Nikon Lenses</merchandisetype>
</product>
</product_catalog_data>
```

Requirements for XML Formats

- Your XML file must conform to the requirements of a well-formed XML document. The official specification is located at <http://www.w3.org/TR/REC-xml>.
- XML tags are case-sensitive.
- Parameters that are not applicable to your file need not be included in the file.
- Additional products are added by simply inserting additional sets of tag pairs and values (<product></product>, etc.).
- No control characters (including tabs) or extra spaces may be used within brackets.
- The following characters may not be used without special commands: > < & " ' |
- Pipe-delimited is not a valid character for XML.

If you need to use one or more of the above characters, the commands in the table below enables you to use them.

Character	Description	Code to Use
<	less than	<
>	greater than	>
&	ampersand	&
'	apostrophe	'
"	quotation mark	"

For example, the following would be entered to represent "text": "text"

- Comments are allowed, in the following format: <!-- this data will be ignored -->
- The header and body content of XML-formatted files must conform to http://www.idoqocy.com/content/dtd/product_catalog_data_1_1.dtd

Pre-Header Text

As shown in examples 1 and 2, you must insert specific information before your file's header to enable the Commission Junction system to check the file against our DTD specification and properly process your file. The desired character set may also be specified.

Example 1: Character Set Not Specified

```
<?xml version="1.0"?>
<!DOCTYPE product_catalog_data SYSTEM
"http://www.jdoqocy.com/content/dtd/product_catalog_data_1_1.dtd">
```

Note: An optional "encoding" field can be added to the information above if you wish to specify the character set to which your data will conform. Microsoft Codepage 1252 is supported by default. If this set does not meet your needs, you must use the encoding attribute to specify the desired set (shown in Example 2).

Supported sets include the following:

- UTF-8
- ISO-8859-1
- ISO-8859-15
- Cp1252 (if you choose this set, you need not specify it – simply enter the text in Example 1)
- US-ASCII

Example 2: Character Set Specified

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE product_catalog_data SYSTEM
"http://www.jdoqocy.com/content/dtd/product_catalog_data_1_1.dtd">
```

XML Document Type Definition

```
<!-- DTD for Product Catalog Data -->
<!-- Each file must have one header section and at least one transaction -->
<!ELEMENT product_catalog_data (header,product+)>
<!-- The datefmt element is optional in the header -->
<!ELEMENT header (cid,subid,datefmt?,processtype,aid)>
<!ELEMENT cid (#PCDATA)>
<!ELEMENT subid (#PCDATA)>
<!ELEMENT datefmt (#PCDATA)>
<!ELEMENT processtype (#PCDATA)>
<!ELEMENT aid (#PCDATA)>
<!ELEMENT product (name,keywords,description,sku,buyurl,available,imageurl?,
price,retailprice?,saleprice?,currency?,upc?,promotionaltext?,
advertisercategory?,manufacturer?,manufacturerid?,isbn?,author?,artist?,
publisher?,title?,label?,format?,special?,gift?,thirdpartyid?,
thirdpartycategory?,offline?,online?,fromprice?,startdate?,enddate?,instock?,
condition?,warranty?,standardshippingcost?,merchandisetype)>
```

```
<!ELEMENT name (#PCDATA)>
<!ELEMENT keywords (#PCDATA)>
<!ELEMENT description (#PCDATA)>
<!ELEMENT sku (#PCDATA)>
<!ELEMENT buyurl (#PCDATA)>
<!ELEMENT available (#PCDATA)>
<!ELEMENT imageurl (#PCDATA)>
<!ELEMENT price (#PCDATA)>
<!ELEMENT retailprice (#PCDATA)>
<!ELEMENT saleprice (#PCDATA)>
<!ELEMENT currency (#PCDATA)>
<!ELEMENT upc (#PCDATA)>
<!ELEMENT promotionaltext (#PCDATA)>
<!ELEMENT advertisercategory (#PCDATA)>
<!ELEMENT manufacturer (#PCDATA)>
<!ELEMENT manufacturerid (#PCDATA)>
<!ELEMENT isbn (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT artist (#PCDATA)>
<!ELEMENT publisher (#PCDATA)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT label (#PCDATA)>
<!ELEMENT format (#PCDATA)>
<!ELEMENT special (#PCDATA)>
<!ELEMENT gift (#PCDATA)>
<!ELEMENT thirdpartyid (#PCDATA)>
<!ELEMENT thirdpartycategory (#PCDATA)>
<!ELEMENT offline (#PCDATA)>
<!ELEMENT online (#PCDATA)>
<!ELEMENT fromprice (#PCDATA)>
<!ELEMENT startdate (#PCDATA)>
<!ELEMENT enddate (#PCDATA)>
<!ELEMENT instock (#PCDATA)>
<!ELEMENT condition (#PCDATA)>
<!ELEMENT warranty (#PCDATA)>
<!ELEMENT standardshippingcost (#PCDATA)>
<!ELEMENT merchandisetype (#PCDATA)>
```

Transferring Your Data File

Commission Junction supports a number of options for transferring data files—Commission Junction FTP, Client FTP, Client HTTP, Client HTTPS and email. Please note the following.

- It is advisable to update your product information in the Commission Junction Product Catalog as often as possible. Remember that you must always provide unique product SKU numbers with a product's information.
- As stated earlier, if you have a product that is no longer available for purchase, submit the product with the Available field marked NO. Should the product become available at a later time, submit an updated product catalog data file. The product does not appear as available in the product catalog until you submit a file with the Available field marked YES.

Note: All subscriptions begin in a test mode. Commission Junction works with you to verify successful transfer before enabling live transfer.

Commission Junction FTP

This method allows you to transfer the file to Commission Junction's FTP server, which is enabled by establishing a Commission Junction FTP account. We provide you with the Commission Junction FTP server address, along with a username, password and any further instructions.

Once you successfully log into our server, place your ASCII file in the default root directory. Do not create a new folder or navigate to a different path—this prevents our system from processing your data.

Note: Successful import files are archived for 120 days (2 days for products). Unsuccessful (error) import files are archived for 30 days (3 days for products).

Client FTP

If you choose to place the file on your FTP server for Commission Junction to access, you must:

1. Provide Commission Junction with the following information:
 - FTP Address
 - User
 - Password
 - Directory (if applicable)
 - Port (if applicable)
2. Deliver files to your server with unique filenames (such as a time stamp) to enable accurate processing.
3. Delete the file from your server upon receiving confirmation of a successful import via the results report (described on the next page).

Note: Commission Junction does not support data transfer via FTPS (or other variations of FTP with SSL).

Client HTTP/HTTPS

If you choose to make your file available at a specific URL for Commission Junction to access, you must provide the necessary URL information. The system performs daily checks of the URL and 'pulls' and processes the file if it has changed since the last import (determined by the last modified date of the file as recorded on your server). Your HTTP/HTTPS server must have a stable clock, and the timestamp of the file must reflect the actual time of modification. Please ensure that any failover servers you may have do not interfere with incoming HTTP/HTTPS requests. For information regarding the use of HTTPS and acceptable certificate authorities, refer to Appendix B: HTTPS Use and Acceptable Certificate Authorities. Compressed files are not supported via http transfer via HTTP/HTTPS.

Email

If you choose this option, simply email your data file to import@datatransfer.cj.com.

You can submit the file in one of two ways:

- as the body of the email
- as a MIME attachment: please limit attachments (files) to one per email

Results Report

Once you transfer your data file, Commission Junction sends an import receipt confirmation email prior to processing. Once a data file processes, you receive a confirmation (or rejection) report. Your results report format and transport method depends on which data format (Name/Value, TAB, PIPE, CSV or XML) and transport method (Email or CJ FTP) you selected during setup. If you choose email as your transport method, you receive an email containing the results report in your selected data format. If you choose CJ FTP as your transport method, you receive an email confirming import, an email confirming your data is available via CJ FTP, and the results report on CJ FTP.

The emailed or CJ FTP-ed results report details information relevant to the file provided, and displays the information in the format you previously selected. If you selected email as your transport method, the results report displays in the Additional Message section of your email. Regardless of the transport method selected (Email or CJ FTP), a completion email sends to the email address(es) specified in the import subscription settings and displays the following information.

- Time of processing.
- Total records processed.
- Total errors.

If you select Email as your transport method, the completion email also includes the following information.

- List of transferred records, which provide the result for each record. Any records that did not process successfully will indicate the reason for the error.

Note: If you select CJ FTP as the transport method, the system delivers the list of transferred records via CJ FTP, in the specified format.

The most common stem of an error are incorrect or missing headers. If you receive an error, correct the problem and resubmit. If you need further assistance, contact Technical Support.

Note: You may view the status of your data transfer by accessing your *CJ Account Manager>Account>Services* area.

Example 1: Transfer Confirmed, No Errors (Product Catalog File)

Dear Ellena Stiff,
 We have processed your data with the following results:
 Subscription ID: 3869
 Company ID: 1444347
 Filename: gardenbotanika_cj_20050323.txt
 Time of processing: Wed Mar 23 13:33:37 PST 2005
 Total records processed: 381
 Total errors: 0
 Additional message:
 Please make sure you correct any errors and resend the corrected records. If you publish data to your own FTP server make sure to remove the data after successful processing. If you need assistance, please login to your Commission Junction account (<http://www.cj.com/login.jsp>). Click the Contact Us link at the top of the page to visit our educational site CJU Online, to search the help contents, or ask client support a question.
 Regards,
 Client Support
 Commission Junction

Example 2: Transfer Rejected, Contains Some Errors (Product Catalog File)

Dear Aarti Patel,
 We have processed your data with the following results:
 Subscription ID: 3404
 Company ID: 1409652
 Filename: cjun.xml
 Time of processing: Wed Mar 23 13:28:41 PST 2005
 Total records processed: 2480
 Total errors: 2
 Additional message:
 Record#1110 #Free by Gottex: Copacabana tie detail bikini brief|swimsuits, bikinis, tankinis, swimwear, bikini, plus size, fuller figure, intimate apparel, lingerie, sexy lingerie, full figure, plus size, bodies, sleepwear, bra, camisoles|For a cute, girlie look, check out the bikini brief from the Free by Gottex...
 Error: Invalid record, expected 36 values and found 3.
 Record#1111 Copacabana collection. It has a stunning all over floral print, sits low on the hips and has a fun tie detail on the left leg.|FR-F5711894|http://www.figleaves.com/us/product.asp?product_id=FR-F5711894&src=cjunpu23032005|Yes|http://speedera.figleaves.com/us/images/eng-usa/products/medium/pm_FR-F5711894.jpg|29.00|||USD||Free Shipping and Free Returns!|Women's swimwear|Free by Gottex|Yes|Yes|New|0.00...
 Warning: Unrecognized line.
 Please make sure you correct any errors and resend the corrected records. If you publish data to your own FTP server make sure to remove the data after successful processing. If you need assistance, please login to your Commission Junction account (<http://www.cj.com/login.jsp>). Click the Contact Us link at the top of the page to visit our educational site CJU Online, to search the help contents, or ask client support a question.
 Regards,
 Client Support
 Commission Junction

Example 3: Transfer Rejected, Many Errors (Correction File)

Dear Conrad Svard,
 We have processed your data with the following results:
 Subscription ID: 4935
 Company ID: 1451754
 Filename: Hotel Direct CJ.csv
 Time of processing: Wed Mar 23 13:21:57 PST 2005
 Total records processed: 55
 Total errors: 55
 Additional message:
 #REASON OIDError: Invalid Correction Record, unable to parse contents
 REASON: DUPO TID: OID: 111726
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 111954
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 111969
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 111975
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112068
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112073
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112080
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 111617
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112098
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112110
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112114
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112121
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112135
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112173
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112187
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112203
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112206
 Result:Could not find a financial transaction from Oid and Advertiser
 REASON: DUPO TID: OID: 112210
 Result:Could not find a financial transaction from Oid and Advertiser

REASON: DUPO TID: OID: 111916
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112212
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112216
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112234
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112236
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112239
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112278
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112298
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112197
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112362
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112367
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112373
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112385
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112388
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112252
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112405
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112407
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112409
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112415
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112379
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112446
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112459
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112463
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112444
Result:Could not find a financial transaction from Oid and Advertiser

REASON: DUPO TID: OID: 112464
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112469
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112470
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112477
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112484
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 112491
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 111625
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 111680
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 111612
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 111613
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 111624
Result:Could not find a financial transaction from Oid and Advertiser
REASON: DUPO TID: OID: 111631
Result:Could not find a financial transaction from Oid and Advertiser

Please make sure you correct any errors and resend the corrected records. If you publish data to your own FTP server make sure to remove the data after successful processing. If you need assistance, please login to your Commission Junction account (<http://www.cj.com/login.jsp>). Click the Contact Us link at the top of the page to visit our educational site CJU Online, to search the help contents, or ask client support a question.

Regards,
Client Support
Commission Junction

Viewing Subscription Information

Once your subscription is set up, you may view details in the *Account>Services* area of your *CJ Account Manager*.

Appendix A: Supported Sales Tracking Currencies

Commission Junction supports the following currency codes for advertiser sales tracking. The three letter code may not be provided if the prices for a given product are using the advertiser's functional currency (the default).

Code	Currency	Code	Currency	Code	Currency
AFA	Afghanistan Afghani	FRF	French Franc	ANG	NL Antillian Guilder
ALL	Albanian Lek	GMD	Gambian Dalasi	KPW	North Korean Won
DZD	Algerian Dinar	GEL	Georgian Lari	NOK	Norwegian Kroner
ADP	Andorran Peseta	DEM	German Mark	OMR	Riyal Omani
AOA	Angolan Kwanza	GHC	Ghanaian Cedi	PKR	Pakistan Rupee
AON	Angolan New Kwanza	GIP	Gibraltar Pound	PAB	Panamanian Balboa
ARS	Argentine Peso	GRD	Greek Drachma	PGK	Papua New Guinea Kina
AMD	Armenian Dram	GTQ	Guatemalan Quetzal	PYG	Paraguay Guarani
AWG	Aruban Florin	GNF	Guinea Franc	PEN	Peruvian Nuevo Sol
AUD	Australian Dollar	GYD	Guyan Dollar	PHP	Philippine Peso
ATS	Austrian Schilling	HTG	Haitian Gourde	PLN	Polish Zloty
AZM	Azerbaijan Manat	HNL	Honduras Lempira	PTE	Portuguese Escudo
AZN	Azerbaijan New Manat	HKD	Hong Kong Dollar	QAR	Qatari Riyal
BSD	Bahamian Dollar	HUF	Hungarian Forint	ROL	Romanian Leu
BHD	Bahraini Dinar	ISK	Iceland Krona	RON	Romanian New Leu
BDT	Bangladeshi Taka	INR	Indian Rupee	RUB	Russian Rouble
BBD	Barbados Dollar	IDR	Indonesian Rupiah	RWF	Rwanda Franc
BYR	Belarusian Ruble	IRR	Iranian Rial	WST	Samoan Tala
BEF	Belgian Franc	IQD	Iraqi Dinar	STD	Sao Tome/Principe Dobra
BZD	Belize Dollar	IEP	Irish Punt	SAR	Saudi Riyal
BMD	Bermudian Dollar	ILS	Israeli New Shekel	SCR	Seychelles Rupee
BTN	Bhutan Ngultrum	ITL	Italian Lira	SLL	Sierra Leone Leone
BOB	Bolivian Boliviano	JMD	Jamaican Dollar	SGD	Singapore Dollar
BAM	Bosnian Convertible Mark	JPY	Japanese Yen	SKK	Slovak Koruna
BWP	Botswana Pula	JOD	Jordanian Dinar	SIT	Slovenian Tolar
BRL	Brazilian Real	KZT	Kazakhstan Tenge	SBD	Solomon Islands Dollar
BND	Brunei Dollar	KES	Kenyan Shilling	SOS	Somali Shilling
BGN	Bulgaria New Lev	KRW	South Korean Won	ZAR	South African Rand
BIF	Burundi Franc	KWD	Kuwaiti Dinar	ESP	Spanish Peseta
KHR	Cambodia Riel	KGS	Kyrgyzstanian Som	LKR	Sri Lankan Rupee
CAD	Canadian Dollar	LAK	Lao Kip	SHP	St. Helena Pound
CVE	Cape Verde Escudo	LVL	Latvian Lats	SDD	Sudanese Dinar
KYD	Cayman Islands Dollar	LBP	Lebanese Pound	SRD	Suriname Dollar

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XOF	CFA Franc BCEAO	LSL	Lesotho Loti	SRG	Suriname Guilder
XAF	CFA Franc BEAC	LRD	Liberian Dollar	SZL	Swaziland Lilangeni
XPF	CFP Franc	LYD	Libyan Dinar	SEK	Swedish Krona
CLP	Chilean Peso	LTL	Lithuania Litas	CHF	Swiss Franc
CNY	Chinese Yuan Renminbi	LUF	Luxembourg Franc	SYP	Syrian Pound
COP	Colombian Peso	MOP	Macau Pataca	TWD	Taiwan Dollar
KMF	Comoros Franc	MKD	Macedonian Denar	TZS	Tanzanian Shilling
CDF	Congolese Franc	MGA	Malagasy Ariary	THB	Thai Baht
CRC	Costa Rican Colon	MGF	Malagasy Franc	TOP	Tongan Pa'anga
HRK	Croatian Kuna	MWK	Malawi Kwacha	TTD	Trinidad & Tobago Dollar
CUP	Cuban Peso	MYR	Malaysian Ringgit	TND	Tunisian Dinar
CYP	Cypriot Pound	MVR	Maldives Rufiyaa	TRL	Turkish Lira
CZK	Czech Koruna	MTL	Maltese Lira	TRY	Turkish New Lira
DKK	Danish Krone	MRO	Mauritanian Ouguiya	TMM	Turkmenistan Manat
DJF	Djibouti Franc	MUR	Mauritius Rupee	UAH	Ukraine Hryvnia
DOP	Dominican Republic Peso	MXN	Mexican Peso	GBP	United Kingdom Pound
NLG	Dutch Guilder	MDL	Moldovan Leu	UYU	Uruguayan Peso
XCD	East Caribbean Dollar	MNT	Mongolian Tugrik	USD	US Dollar
ECS	Ecuador Sucre	MAD	Moroccan Dirham	AED	United Arab Emir. Dirham
EGP	Egyptian Pound	MZM	Mozambique Metical	VUV	Vanuatu Vatu
SVC	El Salvador Colon	MZN	Mozambique New Metical	VEB	Venezuelan Bolivar
EEK	Estonian Kroon	MMK	Myanmar Kyat	VND	Vietnamese Dong
ETB	Ethiopian Birr	NAD	Namibia Dollar	YER	Yemen Riyal
EUR	Euro	NPR	Nepalese Rupee	ZMK	Zambian Kwacha
FJD	Fiji Dollar	NIO	Nicaragua Cordoba		
FIM	Finnish Markka	NGN	Nigerian Naira		

Appendix B: HTTPS Use and Acceptable Certificate Authorities.

Commission Junction supports the use of Secure Sockets Layer (SSL) protocol and HTTPS for data transfer. Secure transfer via HTTPS requires the use of certificates for authentication of the data and parties involved. Certificates are signed by trusted agencies called Certificate Authorities to ensure the validity of the certificates. Commission Junction requires the following for successful transfer via HTTPS.

- The server must present an SSL/X.509 certificate whose Common Name (CN) matches the DNS host name.
- The certificate must be certified by a chain that ultimately is certified by one of the accepted Certificate Authorities.

Refer to the following table for details regarding acceptable Certificate Authorities.

Common Name (CN)	Owner (O)
Equifax Secure eBusiness CA-1	Equifax Secure Inc.
VeriSign Class 1 Public Primary Certification Authority – G3	VeriSign, Inc.
VeriSign Class 2 Public Primary Certification Authority – G2	VeriSign, Inc.
VeriSign Class 3 Public Primary Certification Authority – G3	Verisign, Inc.
Entrust.net Client Certification Authority	Entrust.net
Go Daddy Class 2 Certification Authority	The Go Daddy Group, Inc.
GTE CyberTrust Global Root	GTE Corporation
Entrust.net Secure Server Certification Authority	Entrust.net
VeriSign Class 1 Public Primary Certification Authority	VeriSign, Inc.
Thawte Personal Basic CA	Thawte Consulting
VeriSign Class 1 Public Primary Certification Authority – G2	VeriSign, Inc.
THawte Personal Freemail CA	Thawte Consulting
VeriSign Class 3 Public Primary Certification Authority	VeriSign, Inc.
GTE CyberTrust Root	GTE Corporation
VeriSign Class 2 Public Primary Certification Authority – G3	VeriSign, Inc.
Thawte Server CA	Thawte Consulting cc
Equifax Secure Certificate Authority	Equifax
Thawte Personal Premium CA	Thawte Consulting
Thawte Premium Server CA	Thawte Consulting cc
VeriSign Class 3 Public Primary Certification Authority – G2	VeriSign, Inc.
Entrust.net Certification Authority (2048)	Entrust.net
http://www.valicert.com	ValiCert, Inc.
Baltimore CyberTrust Root	Baltimore
Secure Certification Authority	RSA Data Security, Inc.
GeoTrust Global CA	GeoTrust Inc.
GTE CyberTrust Root 5	GTE Corporation

Starfield Class 2 Certification Authority	Starfield Technologies, Inc.
GlobalSign Root CA	GlobalSign nv-sa
Equifax Secure Global eBusiness CA-1	Equifax Secure Inc.
Baltimore CyberTrust Code Signing Root	Baltimore
Equifax Secure eBusiness CA-2	Equifax Secure

For more information or assistance with setting up data transfer with Commission Junction, contact Technical Support.