General Integration Guide

alphabroder

Version 3: 4/29/2022

Broder Bros., Co.

Chapter 1 **Integrating with alphabroder**

This documentation is intended for customers of Broder Bros. Co., operating as alphabroder and alphabroder Canada and contains general information and instructions regarding integration services and solutions available with Broder Bros., Co.

Why integrate with alphabroder?
Integration saves time and money while efficiencies increase. We offer a variety of solutions for your business needs.
- Reduction in phone calls, manual entry of product data, and typing of emails
- Real time inventory checking, product data, order placement and order status/shipment notification

What is EDI?
Electronic Data Interchange (EDI) is the transmission between businesses of information in a standard, computer-readable format. It includes electronic inventory extracts, electronic order placement, electronic shipping notification, electronic invoicing, and other business transactions that computers can perform better than people. Companies began implementing EDI once they understood the importance; it has evolved into an essential business tool today.
- EDI X12
- Order placement using .csv files through an API or FTP
- PromoStandards web services
- Flat file exchanges

EDI improves accuracy and speed of information exchanged between companies; there's no such thing as business communication that's too fast or too accurate. We offer a variety of integration options for you. Most extracts are available via FTP, API, or email. You can choose what file(s) and versions best suit your needs.

1. Terminology:
   API (application-programming interface) – Inventory, order, order status, catalog
   FTP (file transfer protocol) – Requires an FTP account hosted by customer or alphabroder

2. We have a development environment where you can test files, place orders, etc. Please note that there is an added level of authentication that is required, please contact edisupport@alphabroder.com for credentials. This is also the same environment in which our developers work; there may be unannounced down times or unexpected data set up. For up-to-date pricing, inventory, etc.; be sure to use live files/system.

3. There is an integration solution available to meet your needs.
   FTP – a variety of flat files including inventory levels, pricing, order placement, tracking information, invoice details, and more.
   API – product, inventory, pricing, order placement, order status, tracking information, invoice details.
   PromoStandards – All services are supported; highlights include product, media content, order placement, shipment information, invoice details.
   X12 – order placement, order acknowledgement, shipment, and invoice details
   Third Party Network Integrations – A full-service integration with alphabroder (includes product data and availability, PO submission, order status, and order shipment information.

4. alphabroder and alphabroder Canada
   Images:Login Information for images
   FTP server:
   We provide a public access login to our FTP server to download images.
   Server: images.alphabroder.com
   Username: BBimages
   Password: brodimgs

High resolution images can be found in the Hi-Res Web Images folder on the FTP. Images in this folder arenamed using the following naming conventions:
HIGH RESOLUTION FILE NAMING
Front Main Image: stylenumber_colorcode.jpg
Back Image: stylenumber_bk_colorcode.jpg
Right Side Image: stylenumber_sd_colorcode.jpg
Off-Figure Front:
stylenumber_of1_colorcode_vp.jpg
Off-Figure Back:
stylenumber_ofb_colorcode.jpg
Off-Figure Quarter:
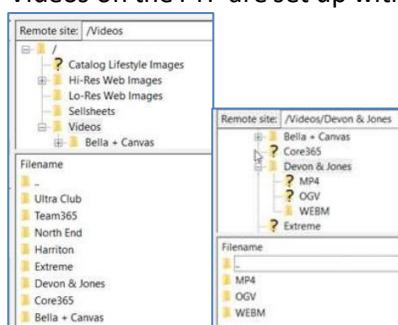stylenumber_ofq_colorcode.jpg
Off-Figure Side: stylenumber_ofs_colorcode.jpg

Lifestyle Images high resolution and low-resolution lifestyle images can be found in the Catalog Lifestyle Images folder on the FTP. Once clicked, you must select a subfolder. High resolution images can be foundin the Hi-Res subfolder, and low-resolution images can be found in the Lo-Res subfolder. Images in subfolders are named using the following naming convention:
stylenumber_vl.jpg

360° Videos: 360° videos can be found in the Videos folder on the FTP, and come in three different formats (.webm, .mp4, and .ogv). All videos are named using the following naming convention:
MP4	V360VideoM	style_vv.mp4
OGV	V360VideoO	style_vv.ogv
WEBM	V360VideoW	style_vv.webm

Videos on the FTP are set up with Brand folders, then subfolders for each type: .webm, .mp4, and .ogv.

SELLSHEETS

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Sellsheets: Sellsheets can be found on the FTP in the Sellsheets folder. This folder contains .pdf files in bothFrench and English. Sellsheets are named using the following naming convention: English stylenumber_sellsheet.pdf, French stylenumber_sellsheet-f.pdf

Please note that all color codes are identified as a two-digit color code. Color name and color code reference guides are available on the FTP in the folder labeled Image Reference Guides. If you have anyquestions regarding images, please contact images@alphabroder.com.

5. **E-mail Distribution List:** Please send a request to edisupport@alphabroder.com to be added to our distribution list. Communication typically includes scheduled system outages and file layout changes.

Chapter 2 **File Extracts Available**

The following table provides an overview of available extracts. Following the table is a more in-depth outline and sample data for each extract.

Document Number	Extract	Description	Versions Available	Good to Know
100	Order Confirmation	Confirms FTP orders		Recommended for FTP orders.
110	Inventory	Inventory by Warehouse	V1 – V10	Available 6AM - 10PM can be picked up from our FTP.
120	Shipment	Order Shipment Details	V1 – V6	Provides shipment information including tracking numbers.
130	Price List	Customer Price List	Daily	Lowest sale price by item. All active items.
135	Close-out Price List	Close-out Customer Price List	Daily	Lowest sale price by item. All phase-out/obsolete items.
140	Carton	Lists the contents of each carton	V1 – V3	Contains item data within each carton
150	Invoice	Open Invoices	V1 – V4	Contains invoice information
160	AllDBDisco	Comprehensive file for closeouts/phase-outs/obsolete		Contains item information and inventory. Once daily
170	AllDBInfo	Product data at the item level (Two files –Price and product)		Also available on website for download.
ALLSTYLE	AllStyle	This is a compressed version of website product files.		Also available on the website for download.

Order Confirmation (100)

This file is only available for orders submitted through the FTP order import submission process. This extract provides a .csv file which contains order line details and order status. File name begins with ALPIC-AccountNumber-Date/TimeStamp.csv. (ALPIC-1202992-091318-58283.csv)

Sample Data:
"1036xx91",0,"137xxx70-GA","FDM4 to D/C","B017BG200","BE055","20","NATURAL","0","OS",150,"CN"

Inventory (110)

This file contains the inventory on hand (in units by warehouse) and is refreshed hourly from 4AM to 11PM Eastern.It is currently available in 10 versions for both alphabroder and alphabroder Canada; see below for which version is best. We can accommodate more than one version if needed. Delivery Options: FTP, Email (*See API section for more information on inventory API (Chapter 4).*)

FTP	Email
Data Needed from Customer • FTP server/username/password • Frequency: once to multiple	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

Public login to our ftp server for inventory files:
>   *Server: ftp.appareldownload.com*
>   *Username: A1pha*
>   *Password: A1pha2oll*

You need to connect using encryption setting - explicit FTP over TLS.

Files are .txt and are generated on an hourly basis (no midnight file). You will see both ALP and CAN files on theserver. File naming convention inventory-version-company.txt, a few samples are below.

inventory-v4-can.txt	6,708,224	Text Document
inventory-v3-can.txt	6,305,792	Text Document
inventory-v2-can.txt	6,191,104	Text Document
inventory-can.txt	6,191,104	Text Document
inventory-v8-alp.txt	24,416,135	Text Document
inventory-v7-alp.txt	23,689,368	Text Document
inventory-v6-alp.txt	1,642,320	Text Document

The file is available in 10 versions; layout is the same for Columns 1 – 13 in the first 8 versions. (Do not use thecost from this file). The inventory file only contains active items except versions 4, 5, and 6.

1. Version 1 (version 2 is the same) alphabroder warehouses*
2. Version 2 – same as version 1 – no longer set up for new requests.
3. Version 3 – alphabroder warehouses and dropship warehouses*
4. Version 4 – alphabroder warehouses plus close-outs/phase-outs/obsolete
5. Version 5 – alphabroder warehouses, dropship warehouses plus close-outs/phase-outs/obsolete
6. Version 6 – alphabroder close-out/phase-out/obsolete inventory
7. Version 7 – Version 1 + Total Inventory Column
8. Version 8 – Version 3 + Total Inventory Column

   File layout: Item Number, GTIN Number, Mill Code, Mill Description, Style Number, Mill Style Number, StyleName, Color Code, Color Description, Size Code, Size Description, Unit Weight, Cost-No longer supported, Warehouses* (as of 1/3/22 CC, FO, KC, MA, PH, TD, CN, GD, DROPSHIP). *

   Please note this list can expand or contract with the opening and closing of warehouses. DROPSHIP only shows on V3 and V5.

9. Version 9 – Dropship Warehouse Inventory Report, this file contains only dropship items and total inventory.

File Layout: Item Number, GTIN Number, Mill Code, Mill Description, Style Number, Mill Style Number, Style Name, Color Code, Color Description, Size Code, Size Description, Unit Weight, Case Quantity (0 displays for piece warehouse), Warehouse Code (available dropship warehouse(s)), Order By Multiple (case or piece), PieceQuantity (if data position 15 = piece, then displays ordering increments), Total Inventory

Certain mills have ordering requirements. Some require orders are placed for full cases, in increments of a dozen,increments of 2 dozen.

10. Version 10 – All items and warehouses (see more details at version 5) and certain data elements fromversion 9.

    File Layout: Item Number, GTIN Number, Mill Code, Mill Description, Style Number, Mill Style Number, Style Name, Color Code, Color Description, Size Code, Size Description, Unit Weight, Case Quantity (displaysonly for case dropship warehouses), Warehouse Code (available dropship warehouse(s), if more than 1 warehouse code field will be blank), Order by Multiple (case or piece), Piece Quantity (if data position 15 = piece and then displays ordering increments), Total Inventory, DROPSHIP Inventory (Total)

This would allow for filtering out of dropship warehouses where piece requirements are greater than 1 or casequantity ordering is required.

Shipment (120)

This extract is available in 6 versions. The file naming convention begins with shipments- followed by company (either alp or can), account number and ends with .txt (for example: shipments-alp-1202992.txt). You can receive this file once a day or multiple times throughout the day. The file will continue to build through the day. If the file isgenerated between 1 AM and 7 AM; it is prior day and same day. 8 AM to 1 PM is same day. There is no 12 AM fileavailable. All times are Eastern. You can choose to have it delivered once or multiple times throughout the day.

Delivery options: FTP, email

FTP	Email
Data Needed from Customer • FTP server/username/password • Frequency: once to multiple	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

	Version 1	Version 2	Version 3	Version 4	Version 5	Version 6
1	Customer PO Number	Customer PO Number	Customer PO Number	Customer PO Number	Customer PO Number	Customer PO Number
2	ab Order Number	ab Order Number	ab Order Number	ab Order Number	ab Order Number	ab Order Number

#						
3	Entered-by	Entered-by	Order Reference Number (from XML)	Order Reference Number (from XML)	Order Reference Number (from XML)	Order Reference Number (from XML)
4	Order quantity	Order quantity	Entered-by	Entered-by	Entered-by	Entered-by
5	Item Number	Item Number	Order quantity	Order quantity	Order quantity	Order quantity
6	Style Code	Style Code	Item Number	Item Number	Item Number	Item Number
7	Color Code	Color Code	Style Code	Style Code	Style Code	Style Code
8	Color Description	Color Description	Color Code	Color Code	Color Code	Color Code
9	Size Code	Size Code	Color Description	Color Description	Color Description	Color Description
10	Size Description	Size Description	Size Code	Size Code	Size Code	Size Code
11	Date Created	Date Created	Size Description	Size Description	Size Description	Size Description
12	Time Created	Time Created	Date Created	Date Created	Date Created	Date Created
13	Invoice Number	Invoice Number	Time Created	Time Created	Time Created	Time Created
14	Invoice Amount	Invoice Amount	Invoice Number	Invoice Number	Invoice Number	Invoice Number
15	Shipped Quantity	Shipped Quantity	Invoice Amount	Invoice Amount	Invoice Amount	Invoice Amount
16	Ship Date	Ship Date	Shipped Quantity	Shipped Quantity	Shipped Quantity	Shipped Quantity
17	Carrier	Carrier	Ship Date	Ship Date	Ship Date	Ship Date
18	(Blank)	(Blank)	Carrier	Warehouse Code	Warehouse Code	Warehouse Code
19	Number of Boxes Shipped	Number of Boxes Shipped	(Blank)	Days In Transit	Days In Transit	Days In Transit
20	Freight Tracking Number(s), if multiple comma separated	Item Price	Number of Boxes Shipped	Carrier	Carrier	Carrier
21		Total Charges	Item Price	(Blank)	(Blank)	(Blank)
22		Freight $	Total Charges	Number of Boxes Shipped	Number of Boxes Shipped	Number of Boxes Shipped
23		Freight Tracking Number(s), if multiple then comma separated	Freight $	Item Price	Item Price	Item Price

24			Freight Tracking Number(s), if multiple then comma separated	Total Charges	Total Charges	Total Charges
25				Freight $	Freight $	Freight $
26				Freight Tracking Number(s), if multiple then comma separated	GTIN	GTIN
27					Company to	Company to
28					Street Address 1	Street Address 1
29					Street Address 2	Street Address 2
30					City	City
31					State	State
32					Zip	Zip
33					Country	Country
34					Freight Tracking Number(s), if multiple then comma separated	Freight Tracking Number(s), if multiple then pipe delimited

Customer Pricelist (130)

Customer requirement:

This is daily file by item number of lowest price (includes sale pricing) of all new and active items. File namingconvention is customer account number-daily-alp.txt. Delivery options: FTP, email

FTP	Email
Data Needed from Customer • FTP server/username/password	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

File layout: Item Number, Style Number, Color Code, Size Code, Price, GTIN/UPC

Sample data:

"Item Number","Style Number","Color Code","Size Code","Price","GTIN/UPC"
"B10030003","5170","00","3",1.85,"00766369087440"

Customer Close-out Pricelist (135)

This is a file by item number listing all close-out items (those items flagged as either phase-out or obsolete). It is generated daily. File naming convention is customer account number-coPrices-alp.txt. Delivery Options: FTP, email

FTP	Email
Data Needed from Customer • FTP server/username/password	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

File layout: Item Number, Style Number, Color Code, Size Code, Price, GTIN/UPC

Sample data:
"Item Number","Style Number","Color Code","Size Code","Price","GTIN/UPC"
"B10110223","29M","22","3",2.25,"00042463665242"

Carton Extract (140)

This extract is available in 3 versions. The file name begins with cartons- followed by company (either alp or can), account number and ends with .txt (for example: cartons-alp-1202992.txt). You can receive this file once a day or multiple times throughout the day. The file will continue to build through the day. If the file is generated between 1AM and 7 AM; it is prior day and same day. 8 AM to 11 PM is same day (no 12 AM file); delivered once or multiple times throughout the day. All times are Eastern. Delivery Options: FTP, email

FTP	Email
Data Needed from Customer • FTP server/username/password • Frequency: once to multiple	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

Version 1	**Version 2**	**Version 3**
Company	Company	Company
Customer PO Number	Customer PO Number	Customer PO Number
ab Order Number	ab Order Number	ab Order Number
Tracking Number	Tracking Number	Tracking Number
Carton Number	Carton Number	Carton Number
Item Number	Item Number	Item Number
Item Description	Item Description	Item Description
Quantity in Box	Quantity in Box	Quantity in Box
	GTIN/UPC	GTIN/UPC
		Warehouse code

Sample data V3:
ALP,t123,78899885,600670383,C004784732,B11107003,g200 WHITE S,72,00821780003735,CC

Invoice Extract (150)

The invoice extract contains data specific to each invoice. It is available in four versions. The file name is invoice-version#-alp-AccountNumber.txt (example invoice-v2-alp-1202992.txt). Delivery options: FTP, email

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FTP	Email
Data Needed from Customer • FTP server/username/password • Frequency: once daily	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

Version 1	Version 2	Version 3	Version 4
Invoice Number	Invoice Number	Invoice Number	Invoice Number
ab Order Number	ab Order Number	ab Order Number	ab Order Number
Customer PO Number	Customer PO Number	BO Number (-1, -2)	BO Number (-1, -2)
Open Balance on invoice	Open balance on invoice	Customer PO Number	Customer PO Number
Invoice Date	Invoice Date	Open balance on invoice	Open balance on invoice
	Invoice Total	Invoice Date	Invoice Date
	Freight Amount	Invoice Total	Invoice Total
		Freight Amount	Freight Amount
		Restocking Fee $	Restocking Fee $
			Total Tax $

This is a once-daily file. It provides the above information for invoices on the day it is generated.

Sample Data V3:
10731XXX,10XXXX00,0,963056-0,254.79,09/14/18,254.79,0,0,
107XXXX9,10XXX151,0,962805-0,960.35,09/14/18,960.35,0,0,

Discontinued Items (AllDBDisco) (160)

• This extract is available once daily. It is a combination of product information (AllDB file), pricing, and inventoryby warehouse for all close-out/phase-outs/obsolete items. The extract includes both a .txt and .xls file. The .txtfile is ^ delimited. Frequency: once daily. Delivery options: FTP, email

FTP	Email
Data Needed from Customer • FTP server/username/password • Directory to push file into	**Customer Requirement:** • Must provide email address(es). • A maximum of 5 email addresses per account.

Also available by public access login (see below).
Public login to our ftp server for inventory files:
    Server: ftp.appareldownload.com
    Username: A1pha
    Password: A1pha2oll
You need to connect using encryption setting - explicit FTP over TLS.
Sample of alphabroder file: Item Status^SKU^Style^Short Description^Color Group^Color Code^Color^Hex Code^Size Group^Size Code^Size^Case Qty^Weight^Mill #^Mill Name^Category^Subcategory^Piece^Dozen^Case^^Closeout Price^Start Date^End Date^ThumbnailName^Normal Image Name^Full Feature Description^Gtin^CC^CD^CN^FO^GD^KC^MA^PH^TD^WA^Side

Image^Back Image^ OBSOLETE^B34324HI3^01910E^Ladies' Ringer Eco Mock Twist Tank^12^HI^ECO BLACK^2A292C^28^3^S^72^.22^24^Alternative^T^Shirts^12.45^10.44^8.03^^0^09/01/18^10/06/19^01910e_t.jpg^01910e_p.jpg^ 50% cotton, 50% recycled polyester eco-mock twist jersey; 3.83 oz.; ladies' classic fit; fabric-washed; racerback; contrast color ribbing along neckline; tapered at waist; shirttail hem;^00607048566903^0^0^0^0^0^0^0^0^5^01910e_sd_hi_p.jpg^01910e_bk_hi_p.jpg^

Product File (AllDB) (170)

The AllDB files are two files (in three formats (.txt,.xls,.zip)) that can be merged by item number or GTIN. One file contains all the product information and details for every item. The price file contains the regular price for eachitem. Delivery options: FTP, download from website

FTP
Data Needed from Customer   • FTP server/username/password   • Frequency: once daily

For alphabroder:

- **AllBDInfoALP _PRC_RXXX** – This file contains regular pricing at the item level (also has GTIN on it).
- **AllDBInfoALP_Prod** - This file is at the item level (sku level). It contains detailed information about each item including catalog page number, color and size group codes, hex code, case quantities, product weight,GTIN, Launch Date (mm/yy) and more. It also contains PMS Codes. Useful for identifying new products.

For alphabroder Canada: The files contain the same data, but the names do vary - **AllBDInfoCAN_PRC_RXXX andAllBDInfoCAN_Prod.** In addition, there is a French version of the AllDBInfoCAN_Prod file, there is a -f in the file name. Please note – RXXX notation in file name varies (it is three characters in length and can change.)

AllDBInfoCAN_Prod-f.xls	68,702,665	Microsoft Excel 97-2003 …	AllDBInfoCAN_Prod.xls	65,014,155	Microsoft Excel 97-2003 …
AllDBInfoCAN_Prod-f.txt	38,566,927	Text Document	AllDBInfoCAN_Prod.txt	34,867,285	Text Document

List of files:

AllDBInfoALP_Prod.xls.gz	7,835,823	TAR.GZ Archive File
AllDBInfoALP_Prod.xls	267,461,745	Microsoft Excel 97-2003 …
AllDBInfoALP_Prod.txt.gz	6,506,635	TAR.GZ Archive File
AllDBInfoALP_Prod.txt	135,090,111	Text Document
AllDBInfoALP_PRC_R076.xls.gz	3,552,253	TAR.GZ Archive File
AllDBInfoALP_PRC_R076.xls	88,524,598	Microsoft Excel 97-2003 …
AllDBInfoALP_PRC_R076.txt.gz	2,780,899	TAR.GZ Archive File
AllDBInfoALP_PRC_R076.txt	32,084,539	Text Document

Note the .txt file are'^' delimited.

File layout for Prod file: "Catalog Page Number"^"NEW"^"Item Number"^"Style"^"Short Description"^"Color Name"^"Color Group Code"^"Color Code"^"Hex Code"^"Size Group"^"Size Code"^"Size"^"Case Qty"^"Weight"^"Mill #"^"Mill Name"^"Category"^"Subcategory"^"Thumbnail Name"^"Normal Image Name"^"Full Feature Description"^"Brand Page Number"^"Front of Image Name"^"Back of Image Name"^"Side of Image Name"^"Gtin"^"Launch Date"^"PMS Color"^"Size Sort Order"^"Front Image Hi Res URL"^"Back Image Hi Res URL"^"Side Image Hi Res URL"^"Markup Code"^"Mktg Color Number"^"Mktg Color Name"^"Mktg Color Hex Code"File layout for Price file: "Catalog Page Number"^"NEW"^"Item Number "^"Style"^"Color Name"^"Color Group Code"^"Color Code"^"Size Group"^"Size Code"^"Size"^"Case Qty"^"Piece"^"Dozen"^"Case"^"Retail"^"Gtin"

Full Publication (ALLSTYLE)

The ALLSTYLE extract is a zipped version of all files available on the Product Data page on the website (Resource Center – Downloads – Product Data).

Delivery options: FTP, download from website

FTP
Data Needed from Customer
• FTP server/username/password
• Frequency: once daily

".csv" files are common, comma-delimited files. ".gz" files are compressed with the "gzip" utility.".xls" files are Excel-specific files

 Note – RXXX notation in file name varies (and can change.) These files are available in American English only, except for the AllDBInfoCAN_Prod file, which has a French version available.

 Overview of Available Files:

Categories.csv – General category information for products. It includes category codes and descriptions. It matches "product code" columns in some of the files.

Companions-comparables.csv – Listing by style and how that style relates to other styles. Relations include
     type: r = comparable, n = companion, u = suggested
     sub-type: A = adult, I = infant, L = tall, M = men's, T = toddler, W =ladies, Y = youth, C = collection
which is used to group styles with the same fabric. Sub-type is not always populated.

Feature-details.csv – Product category, possible feature code, and descriptions used for the category. The product category is on the styles file. Typically used in conjunction with the features.csv file. (Example – Possible sleeve lengths include short, long, or none).

Features.csv – The higher-level features for a particular category. This is used in conjunction with the features-detail file. (Example – A shirt may have a sleeve length, a hat will not)

Mills.csv – Listing of all mills; includes images, references, and mill codes.

Items_RXXX.csv – Item or sku level details. Includes GTIN number (we do not use UPC, we use GTIN). It includes descriptions, features, item weight, case quantity, new indicator, pricing (not sale), GTIN, PMS Codes, maintenance date, full case carton dimensions.

Style-attribute-values.csv – Specifications or measurements by style (sleeve length, width, etc.).

Style-attributes.csv – A list of attributes that would/could be used at the style level. This is the general information file that goes with the style attributes details file.

Style-features.csv – The same file as the feature details but at the style level (rather than the product category level). The description goes with the feature code column number.

Styles.csv – This file contains style level details including category, mill, and images. It also includes an item

count by style.

Warehouses.csv – This file contains ab warehouses and dropship warehouses with warehouse code, city, state, zip details, as well as a dropship indicator.

AllBDInfo: This data is two files and is company specific. See prior section for more details.

alp-AllStyles.tar.gz – Compressed archive of **all** .csv files for faster download in alphabroder.
can-AllStyles.tar.gz – Compressed archive of **all** .csv files for faster download in alphabroder Canada.

Example of feature information and the relationship of the files:

Categories file – category   70, description = Outerwear Features file - feature
code   feature code 10, description is Adult

	feature code 160 description is Polyester
	feature code 160 description is Poly Fleece
	feature code 170 description is Athletic
	feature code 200 description is Ladies
	feature code 250 description is Lining
	feature code 280 description is Multicolored
	feature code 460 description is Fill zip
	feature code 530 description is Lightweight
	feature code 530 description is Midweight

Style features –	Style 78697	feature code 10 = yes (Adult)
	Style 78697	feature code 160 = (Polyester)
	Style 78697	feature code 160 = (Poly Fleece)
	Style 78697	feature code 170 = (Athletic)
	Style 78697	feature code 200 = (Ladies)
	Style 78697	feature code 250 = Yes (Lining)
	Style 78697	feature code 280 = Yes (Multicolored)
	Style 78697	feature code 460 = (Fill zip)
	Style 78697	feature code 530 = (Lightweight)
	Style 78697	feature code 530 = (Midweight)

*Style Attribute values – we do not have any specs loaded into the system for style 78697, so you will not find this style on the file. Companions/comparables – Style 88697 is Companion (type N), 78810 is comparable to (type = R),78811 is comparable to (type = R), 88697 is comparable to (type = R), NE704W is comparable to (type = R)

alp-AllStyles.tar.gz contains: ***Categories.csv, Companions-comparables.csv, Feature-details.csv, Features.csv,Mills.csv, Items_RXXX.csv, Style-attribute-values.csv, Style-attributes.csv, Style-features.csv, Styles.csv, Warehouses.csv, AllBDInfoALP _PRC_RXXX, AllDBInfoALP_Prod***

Chapter 3 **Warehouses**

The following list is the city, state (warehouse code shown on inventory file) for our warehouses as of 1/3/2022.

1. Fresno, CA 93725 (CN)
2. Orlando, FL 32824 (FO)
3. Kansas City, KS 66111 (KC)
4. Dallas, TX 75261 (TD)
5. Chicago, IL 60490 (CC)

6. Middleboro, MA 02346 (MA)
7. Harrisburg, PA 17339 (PH)
8. Atlanta, GA 30096 (GD)
9. Richmond Hill, Ontario L4B 0B4 (RH) Only available in alphabroder Canada.

We also have numerous dropship warehouses. These warehouses are vendor warehouses who dropship direct to you or to your customer. For more information about our warehouses, visit our website.

Chapter 4 APIs

Our APIs allow for real-time order submission and confirmation, along with access to order status updates and product data. They also provide inventory data with cutoffs, transit days, and pricing. This data is sent in XML format and allows for greater customization and automation functionality. All orders must be sent with a User-Agent header. (See examples below)

Using PHP

```php
$opts = array(
    "ssl"=>array( "verify_peer"=>false, "verify_peer_name"=>false),

    'http' => array(
    'method' =>
    'POST',
    'header' =>
    $header,
    'content' =>
    $content,
    'User-Agent' => 'Add a user-agent here'
)
);

$context = stream_context_create($opts); echo file_get_contents($url, false, $context);
```

Using Node.js

```javascript
let outer_options = {
        host : 'dev.alphabroder.com',port : 443,
        path : '/cgi-
        bin/orderUploadFile.cgi',
        method : 'POST',
        headers: {
          'Content-Type':
          'multipart/form-data','User-
          Agent': 'AWS AB ESB'
        }
    };

    return new Promise((resolve, reject) =>
        {let lib = require('https');

        const request = lib.request(outer_options, (response) => {
                if (response.statusCode < 200 || response.statusCode > 299) {
                        reject(new Error('Failed to load page, status code: ' + response.statusCode));
                }

                response.on('data', (data) => {
```

```
            resolve(data.toString('utf8'));
        });
    });
    request.write(jsonMess
    age);request.end();
    request.on('error', (err) => reject(err))

})
.catch(() => { /* do whatever you want here */ });
```

Inventory

API/XML Inventory Post Method:
HTTP Post to Development - (Test) alphabroder
https://dev.alphabroder.com/cgi-bin/online/xml/inv-request.w
HTTP Post Production – (Live) alphabroder
http://www.alphabroder.com/cgi-bin/online/xml/inv-request.w
HTTP Post to Development – (Test) alphabroder Canada
https://dev.alphabroder.ca/cgi-bin/online/xml/inv-request.w
HTTP Post Production – (Live) alphabroder Canada
http://www.alphabroder.ca/cgi-bin/online/xml/inv-request.w
Parameters to pass:
1. **Gtin1** or **in1** or **sr/cc/sc** or **sr** (*returns the entire style*)
    a. Request can be made using any of the following
        i. gtin1   (gtin) – allow up to 50 GTINs
        ii. in1   (item #) – allow up to 50 item numbers
        iii. sr,cc,sc (style, color, size codes)
2. userName   (web login-id)
3. password   (web password)
4. zp   (zip code– **optional** *if blank will use customer default warehouse*)
5. pr   (price – **optional**, *"y" to get prices*)
6. cn   (customer number)
7. rg   (regular ab whses only – optional if y then excludes dropship warehouses)

The cut-off time is based on the zip code submitted and UPS-Ground shipping (or On-Trac if applicable).

Sample requests: *In the following URL's, change zip, and username/password.*

By item – for multiple items alphabroder
https://dev.alphabroder.com/cgi-bin/online/xml/inv-request.w?in1=B016NE3I4&in2=b11107004&pr=y&zp=20176&userName=testname&password=testpw&rg=y

```
<inv-balance>
<item ccard-charge-percent="3.8" color-code="3I" description="88181 CAMPUS.PURPLE M" item-number="B016NE3I4" price="$8.22" size-
code="4" special-expiry="12/31/20" special-price="$8.00" style-code="88181">
<whse code="CC">608</whse>
<whse code="GD">211</whse>
<whse code="KC">2718</whse>
<whse code="PH">164</whse>
<whse code="TD">817</whse>
<whse code="CN">1029</whse>
</item>
```

Broder Bros., Co.

```
<item ccard-charge-percent="3.8" color-code="00" description="g200 WHITE M" item-number="B11107004" price="$2.20" size-code="4" special-expiry="08/01/20" special-price="$1.60" style-code="g200">
<whse code="CC">2386</whse>
<whse code="GD">935</whse>
<whse code="KC">72</whse>
<whse code="PH">2916</whse>
<whse code="TD">3195</whse>
<whse code="CN">3794</whse>
</item>
<whse-info>
<whse-item carrier-days="1" cutoff="3:00 pm EDT" est-delivery="08/03/20" minutes-left="419" transit-days="1" whse="PH">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
<whse-item carrier-days="2" cutoff="5:00 pm EDT" est-delivery="08/04/20" minutes-left="539" transit-days="2" whse="GD">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
<whse-item carrier-days="3" cutoff="5:00 pm CDT" est-delivery="08/05/20" minutes-left="599" transit-days="3" whse="CC">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
<whse-item carrier-days="3" cutoff="5:00 pm CDT" est-delivery="08/05/20" minutes-left="599" transit-days="3" whse="KC">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
<whse-item carrier-days="3" cutoff="5:00 pm CDT" est-delivery="08/05/20" minutes-left="599" transit-days="3" whse="TD">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
<whse-item carrier-days="5" cutoff="5:00 pm PDT" est-delivery="08/07/20" minutes-left="719" transit-days="5" whse="CN">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
</whse-info>
</inv-balance>
```

By gtin – gtin1 for alphabroder Canada

https://www.alphabroder.ca/cgi-bin/online/xml/inv-request.w?gtin1=00821780003735&pr=y&zp=K8N%205J7&userName=testname&password=testpw

```
<inv-balance>
<item color-code="00" description="g200 WHITE S" gtin="00821780003735" price="$2.52" size-code="3" special-expiry="12/31/20" special-price="$2.17"style-code="g200">
<whse code="RH">3885</whse>
</item>
<whse-info>
<whse-item carrier-days="1" cutoff="5:00 pm EDT" est-delivery="10/11/16" minutes-left="400" transit-days="1" whse="RH">
<cutoff-msg>Shipping today</cutoff-msg>
<whse-msg/>
</whse-item>
</whse-info>
</inv-balance>
```

Order Placement

See Chapter 5 – for ordering of blanks and Chapter 8 for decorated orders

Order Status

Available in two versions

Version 1:
Parameters to pass:
on=alphabroder order number
bn=backorder number, this will
normally be 0cn=your account
number
user=valid web user on your
accountpwd=valid password
for user
all=y

Order Status URLs:
Canada:
Production: https://www.alphabroder.ca/cgi-bin/service/xml/xmlOrderStatus.w?on=181425197&bn=0&cn=1234&user=webusername&pwd=password&all=y Development: https://dev.alphaborder.ca/cgi-bin/service/xml/xmlOrderStatus.w?on=73439985&bn=0&cn=1234&user=webusername&pwd=password&all=y

US:
Production: https://www.alphabroder.com/cgi-bin/service/xml/xmlOrderStatus.w?on=18425197&bn=0&cn=1234&user=webusername&pwd=password&all=y Development: https://dev.alphabroder.com/cgi-bin/service/xml/xmlOrderStatus.w?on=73439985&bn=0&cn=1234&user=webusername&pwd=password&all=y

Sample Response:

```
<order creditcard="N" orderreferenceno="73439985" responsecode="00">
<customerpo>2409159</customerpo>
<freighttotal>6.8</freighttotal>
<taxtotal>0</taxtotal>
<coupon>0</coupon>
<ordervalue>37.92</ordervalue>
<shoppingbox>
<lineitem>
<style>3322</style>
<description>RS INFANT 100% CTN JERSEY TEE</description>
<color>WHITE</color>
<size>6MOS</size>
<pieces>8</pieces>
<price>2.37</price>
<amount>18.96</amount>
<warehouse>CC</warehouse>
<weight>.8888</weight>
<itemcode>B20671000</itemcode>
<upccode>00052987160246</upccode>
<shippernumber>73439985</shippernumber>
<shipstatus>In Picking</shipstatus>
</lineitem>
<lineitem>
<style>3322</style>
<description>RS INFANT 100% CTN JERSEY TEE</description>
<color>WHITE</color>
<size>12MOS</size>
<pieces>8</pieces>
<price>2.37</price>
<amount>18.96</amount>
```

```
<warehouse>CC</warehouse>
<weight>.8888</weight>
<itemcode>B20671001</itemcode>
<upccode>00052987160253</upccode>
<shippernumber>73439985</shippernumber>
<shipstatus>In Picking</shipstatus>
</lineitem>
</shoppingbox>
<shippingpage>
<shiptoaddresses>
<address>
<attention>John Doe</attention>
<company>John Doe</company>
<address1/>
<address2>6 Neshaminy Interplex</address2>
<address3/>
<city>TREVOSE</city>
<state>PA</state>
<zipcode>19054</zipcode>
<residence>N</residence>
<email>USER@alphabroder.com </email>
</address>
</shiptoaddresses>
</shippingpage>
<shipviapage>
<shipmethods>
<shipmethod warehouse="CC">
<selectoption>
<shippernumber>73439985</shippernumber>
<optcode>UPS-Surface</optcode>
<display>UPS-Surface</display>
<freightestimate>6.8</freightestimate>
<shipstatus>In Picking</shipstatus>
<transitdays>1</transitdays>
</selectoption>
</shipmethod>
</shipmethods>
</shipviapage>
</order>
```

Version 2:

Parameters to pass:
po=customer order number
on=alphabroder order number
bn=backorder number, this will normally be 0
cn=your account number
user=valid web user on your account
pwd=valid password for user
all=y

The parameter po will return all orders associated to the specified PO# submitted. If &all=y parameter is submitted and if there are multiple orders related to the order number specified on &on/&bn (using ref-order-number/ref-bo-number), all orders will be shown. If there is no &all parameter or the value is not y, it will return just the specific order number/bo-number. Invoiceinfo element has been added. It contains invoice number, invoice date, invoice due date, invoice total.

Order Status URLs

Canada:

Production: https://www.alphabroder.ca/cgi-bin/service/xml/xmlOrderStatusV2.w?on=78x389x2&cn=[youraccountnumber]&user=[username]&pwd=[password]&all=y

Development: https://dev.alphabroder.ca/cgi-bin/service/xml/xmlOrderStatusV2.w?po=2323&cn=[youraccountnumber]&user=[username]&pwd=[password]&all=y

US:

Production: https://www.alphabroder.com/cgi-bin/service/xml/xmlOrderStatusV2.w?on=78x899x2&cn=[youraccountnumber]&user=[username]&pwd=[password]&all=y

Development: https://dev.alphabroder.com/cgi-bin/service/xml/xmlOrderStatusV2.w?on=78x899x2&cn=[youraccountnumber]&user=[username]&pwd=[password]&all=y

```xml
<orderstatus responsecode="01">
<order bn="0" creditcard="N" orderreferenceno="78x898xx">
<customerpo>123</customerpo>
<freighttotal>25</freighttotal>
<taxtotal>0</taxtotal>
<coupon>0</coupon>
<ordervalue>0</ordervalue>
<shipstatus>Cancelled</shipstatus>
<shoppingbox>
<lineitem>
<style>g500</style>
<description>GD 5000 5.3 OZ HEAVY CTTN SS T</description>
<color>BLACK</color>
<size>L</size>
<pieces>100</pieces>
<price>2.46</price>
<amount>0</amount>
<warehouse>PG</warehouse>
<weight>47.9</weight>
<itemcode>B11007515</itemcode>
<upccode>00821780001309</upccode>
<shippernumber>78389887</shippernumber>
<shipstatus>Cancelled</shipstatus>
</lineitem>
</shoppingbox>
<shippingpage>
<shiptoaddresses>
<address>
<attention/>
<company>Test Inc</company>
<address1>16 Main Street</address1>
<address2/>
<address3/>
<city>Falls</city>
<state>PA</state>
<zipcode>19054</zipcode>
<residence>N</residence>
<email>edisupport@alphabroder.com</email>
</address>
</shiptoaddresses>
</shippingpage>
<shipviapage>
<shipmethods>
<shipmethod warehouse="PG">
```

```
<selectoption>
<shippernumber>78x898xx</shippernumber>
<optcode>UPS-Surface</optcode>
<display>UPS-Surface</display>
<freightestimate>25</freightestimate>
<shipstatus>Cancelled</shipstatus>
<transitdays>1</transitdays>
</selectoption>
</shipmethod>
</shipmethods>
</shipviapage>
</order>
<order bn="0" creditcard="N" orderreferenceno="78x899xx">
<customerpo>123</customerpo>
<freighttotal>12.5</freighttotal>
<taxtotal>0</taxtotal>
<coupon>0</coupon>
<ordervalue>131.88</ordervalue>
<shoppingbox>
<lineitem>
<style>D100</style>
<description>DJ MENS S/S PIMA PIQUE POLO</description>
<color>BLACK</color>
<size>M</size>
<pieces>12</pieces>
<price>10.99</price>
<amount>131.88</amount>
<warehouse>PH</warehouse>
<weight>9.9456</weight>
<itemcode>B21058514</itemcode>
<upccode>00882849006500</upccode>
<shippernumber>78389932</shippernumber>
<shipstatus>Shipped</shipstatus>
<deliverydate>06/22/16</deliverydate>
</lineitem>
</shoppingbox>
<shippingpage>
<shiptoaddresses>
<address>
<attention/>
<company>Test Inc</company>
<address1>16 Main Street</address1>
<address2/>
<address3/>
<city>Falls</city>
<state>PA</state>
<zipcode>19054</zipcode>
<residence>N</residence>
<email>edisupport@alphabroder.com</email>
</address>
</shiptoaddresses>
</shippingpage>
<shipviapage>
<shipmethods>
<shipmethod warehouse="PH">
<selectoption>
<shippernumber>78x899xx</shippernumber>
<optcode>UPS-Surface</optcode>
<display>UPS-Surface</display>
<freightestimate>12.5</freightestimate>
<shipstatus>Shipped</shipstatus>
<transitdays>1</transitdays>
<deliverydate>06/22/16</deliverydate>
```

```
<tracking>1Z4R723F7XXXXX87X4</tracking>
</selectoption>
</shipmethod>
</shipmethods>
</shipviapage>
<invoiceinfo>
<invoicenum>8288XX59</invoicenum>
<invoicedate>06/22/16</invoicedate>
<invoiceduedate>07/06/16</invoiceduedate>
<invoiceamt>144.38</invoiceamt>
</invoiceinfo>
</order>
```

Product-Catalog API

The Product Catalog API contains the catalog/website information for a style. This data includes catalog description, page number, color (code, name group), product image, category, companions, and specifications by size.

Development: https://dev.alphabroder.com/cgi-bin/online/xml/prod-detail-request.w?sr=[enter style numberhere]&userName=[your info]&password=[your info]
Production: https://www.alphabroder.com/cgi-bin/online/xml/prod-detail-request.w?sr=[enter style numberhere]&userName=[your info]&password=[your info]
Canada Development: https://dev.alphabroder.ca/cgi-bin/online/xml/prod-detail-request.w?sr=[enter stylenumber here]&userName=[your info]&password=[your info]
Canada Production: https://www.alphabroder.ca/cgi-bin/online/xml/prod-detail-request.w?sr=[enter style numberhere]&userName=[your info]&password=[your info]

Sample Response:

```
<products>
<item brand="Bella + Canvas" brandpage="0" categorypage="0" prodcategory="132" stylecode="3005Y">
<catalogdescription>4.2 oz., 100% combed and ringspun cotton; 30 singles; Dark Grey Heather is 52% combed and ringspun cotton, 48% polyester; Youth unisex; Sideseamed; Tear-away label; BELLA+CANVAS uses sustainable manufacturing processes with Blue Sign certified dyes, efficient dye houses that adhere
to the state of California&#198;s EPA regulations around waste water treatment and usage, and cutting facilities in Los Angeles that run on partial solar powerwith comprehensive recycling programs for paper waste and fabric scraps.; </catalogdescription>
<categorypagenum label="Catalog Page (Category):">0</categorypagenum>
<brandpagenum label="Catalog Page (Brand):">0</brandpagenum>
<shortdescription>3005Y Bella + Canvas Youth Jersey Short-Sleeve V-Neck T-Shirt</shortdescription>
<brandlogoimage>https://www.alphabroder.com/images/alp/millMedium/be.jpg</brandlogoimage>
<productimage>https://www.alphabroder.com/images/alp/prodDetail/3005y_82_p.jpg</productimage>
<primelabel/>
<sizes>
<size sizecode="3" sizegroup="32" sizename="S" sortorder="10"/>
<size sizecode="4" sizegroup="32" sizename="M" sortorder="20"/>
<size sizecode="5" sizegroup="32" sizename="L" sortorder="30"/>
</sizes>
<colors>
<color colorcode="51" colorgroup="6" colorname="BLACK" default-color="no" hexcode="000000" image-
back="https://www.alphabroder.com/images/alp/backDetail/3005y_bk_51_p.jpg" image-
flat="https://www.alphabroder.com/images/alp/FlatFronts/3005y_ff_51_p.jpg" image-
front="https://www.alphabroder.com/images/alp/prodDetail/3005y_51_p.jpg" image-
offfigure="https://www.alphabroder.com/images/alp/vof1Dtl/3005y_of1_51_vp.jpg" image-
side="https://www.alphabroder.com/images/alp/sideDetail/3005y_sd_51_p.jpg">
<colorsize clearance="no" gtin="00884913173460" itemnumber="B040CN513" itemstatus="Active" onsale="no" sizecode="3" sizegroup="32" sizename="S" sortorder="10" supersale="no"/>
```

```
<colorsize clearance="no" gtin="00884913173477" itemnumber="B040CN514" itemstatus="Active" onsale="no" sizecode="4" sizegroup="32" sizename="M" sortorder="20" supersale="no"/>
<colorsize clearance="no" gtin="00884913173484" itemnumber="B040CN515" itemstatus="Active" onsale="no" sizecode="5" sizegroup="32" sizename="L" sortorder="30" supersale="no"/>
</color>
<color colorcode="82" colorgroup="6" colorname="DRK GREY HEATHER" default-color="yes" hexcode="6c6f70" image-back="https://www.alphabroder.com/images/alp/backDetail/3005y_bk_82_p.jpg" image- front="https://www.alphabroder.com/images/alp/prodDetail/3005y_82_p.jpg" image-offfigure="https://www.alphabroder.com/images/alp/vof1Dtl/3005y_of1_82_vp.jpg" image-side="https://www.alphabroder.com/images/alp/sideDetail/3005y_sd_82_p.jpg">
<colorsize clearance="no" gtin="00884913173491" itemnumber="B040CN823" itemstatus="Active" onsale="no" sizecode="3" sizegroup="32" sizename="S" sortorder="10" supersale="no"/>
<colorsize clearance="no" gtin="00884913173507" itemnumber="B040CN824" itemstatus="Active" onsale="no" sizecode="4" sizegroup="32" sizename="M" sortorder="20" supersale="no"/>
<colorsize clearance="no" gtin="00884913173514" itemnumber="B040CN825" itemstatus="Active" onsale="no" sizecode="5" sizegroup="32" sizename="L" sortorder="30" supersale="no"/>
</color>
<color colorcode="00" colorgroup="0" colorname="WHITE" default-color="no" hexcode="FFFFFF" image-back="https://www.alphabroder.com/images/alp/backDetail/3005y_bk_00_p.jpg" image-flat="https://www.alphabroder.com/images/alp/FlatFronts/3005y_ff_00_p.jpg" image-front="https://www.alphabroder.com/images/alp/prodDetail/3005y_00_p.jpg" image-offfigure="https://www.alphabroder.com/images/alp/vof1Dtl/3005y_of1_00_vp.jpg" image-side="https://www.alphabroder.com/images/alp/sideDetail/3005y_sd_00_p.jpg">
<colorsize clearance="no" gtin="00884913173552" itemnumber="B040CN003" itemstatus="Active" onsale="no" sizecode="3" sizegroup="32" sizename="S" sortorder="10" supersale="no"/>
<colorsize clearance="no" gtin="00884913173569" itemnumber="B040CN004" itemstatus="Active" onsale="no" sizecode="4" sizegroup="32" sizename="M" sortorder="20" supersale="no"/>
<colorsize clearance="no" gtin="00884913173576" itemnumber="B040CN005" itemstatus="Active" onsale="no" sizecode="5" sizegroup="32" sizename="L" sortorder="30" supersale="no"/>
</color>
</colors>
<categories>
<category mktcategorycode="130" mktcategorydesc="T-Shirts"/>
</categories>
<sizes/>
<companions>
<companion>3005</companion>
<companion>B6005</companion>
<companion>B6005(Ladies')</companion>
</companions>
<specifications>
<spectype description="BODY WIDTH">
<specification specsizecode="S" specsizevalue="15.25"/>
<specification specsizecode="M" specsizevalue="16.25"/>
<specification specsizecode="L" specsizevalue="17.25"/>
</spectype>
<spectype description="FULL BODY LENGTH">
<specification specsizecode="S" specsizevalue="20.5"/>
<specification specsizecode="M" specsizevalue="22.13"/>
<specification specsizecode="L" specsizevalue="23"/>
</spectype>
</specifications>
</item>
</products>
```

Chapter 5 **Orders**

Blank Order Options Available

There are three forms of order processing available to customers:

1. **API**: Using API, customers may submit orders to alphabroder.

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2. **FTP:** Customer pushes order to a server, alphabroder pulls and processes the orders from the server.
3. **PromoStandards:** Purchase order endpoint.

The following pertains to API/FTP order submission method for both alphabroder and alphabroder Canada.

API	FTP
Customer requirement: • Must have a valid WEB login • Must submit orders using our item number, GTIN or style, color code & size code • Write code to "talk" to our system Process is designed to process one order at a time. alphabroder requests the process be fully tested in the development environment prior to placing live orders. alphabroder to Customer: • Provide file layout & available extracts • File name conventions • Development system login for testing	Customer requirement: • FTP Server – Files can be picked up from Customer (FTP) or dropped on alphabroder server (SFTP) • Must submit orders using our item number, GTIN or style, color code & size code Data Needed from Customer • IP Address • Username & Password • Directory to pull order files from – must set up an order directory. • Frequency to pick order depending on the nature of the business; this can be many times a day to just once a day. Multiple orders can be placed on a single data file. alphabroder to Customer: • Provide file layout & available extracts • File name conventions • Create batch job to pull order files

Order Filename format: alp-*.csv, can-*.csv - *File names must begin with alp for US and can for Canadian orders(case sensitive) followed by a dash and end with .csv. The middle can be any combination. *Note: This rule is only for FTP option, however using this name convention on API orders will aid in trouble-shooting errors.

File Name Examples: alp-CC0907101300-1.csv, alp-000001-091414-99.csv, can-123xyz-1.csv, can-063015_01x.csv

Order File Layout

Bold indicates required field. Item number **or** GTIN number **or** *style number, color code, size code is required.*

Col. #	Col. Letter	Data Needed in Field (**Bold indicates required data**)	Example of Data
1	A	**Customer number**	**e.g. 10010**
2	B	**Customer PO #**	**(Determines when next order) Max 15 character long**
3	C	**Carrier**	**(Only 1 carrier per warehouse/order)**
4	D	**Item number OR GTIN**	**B10110003 or 00042463028870**
5	E	*Style number*	*29M*
6	F	*Color Code*	*00*
7	G	*Size Code*	*3*
8	H	**Order Qty**	**100 (in units)**
9	I	**Ship-to Company** (field size 35)	**ABC Company**

10	J	Ship-to Attention Name (field size 30)	John Smith
11	**K**	**Ship-to Street Address 1** (field size 30)	**123 Main Street**
12	L	Ship-to Street Address 2 (field size 30)	
13	**M**	**Ship-to City** (field size 20)	**Anytown**
14	**N**	**Ship-to State/Province**	**PA**
15	**O**	**Ship-to Zip Code** (field size 5 for ALP)/**Postal Code**	**12345**
16	P	No longer used, leave blank.	Leave blank.
17	Q	OK to Short Ship?	Y or N -> yes or no – if blank default is N.
18	R	No longer used, leave blank.	No longer used, leave blank.
19	S	OK to Split Ship?	Y or N -> yes or no – if blank default is N.
20	T	Additional Comments	Comments are NOT uploaded to our system. No longer used, leave blank.
21	U	Confirmation Email	only required for carrier FedEx-Flex Exp
22	V	Customer Line #	alphabroder internal user

Open order – requires action from you to complete the order. Depending on the values of flags, some orders may come in and remain in an open order status. If you would like to specify the shipping warehouse by order line or maximum number of days in transit, please reach out to EDI Support at edisupport@alphabroder.com for more information including where on the file to put the data. The following is the list of common carriers to be used when submitting orders to alphabroder. Please use the exact wording in the 'Carriers' column below:

US Carriers – use this when submitting order	Description	SCAC
UPS-Blue	UPS 2 Day	02
UPS-Orange 3day	UPS 3 Day	12
UPS-Red	UPS 1 Day	01
UPS-RED.8:30am	UPS 1 Day 8:30 AM	15
UPS-Sat.Dlvry.	UPS Saturday	44
UPS-Surface	UPS Ground	03

CA Carriers – use this when submitting order	Description	SCAC
UPS EXP Saver	UPS Express Saver	
UPS ExpEarlyAM	UPSExpress Early AM-Red 8:30	
UPS Express	UPS Exp ND - UPS RED	
UPS Sat Dlvry	UPS Saturday Delivery	
UPS Standard GD	UPS Standard Ground	

Please contact us if you do not see the carrier/service level that you want to ship via. Certain carrier/service levels require prior approval. All orders are viewable on the web site regardless of how an order is placed.
Sample of Data Files:
XXX,testPO#1,UPS-Surface,,G200,00,5,1,Test Co.,Mary Doe,1 Main St,,Saint Cloud,MN,56304,,N,,N
XXX,testPO#1,UPS-Surface,,G200,00,6,1,Test Co.,Mary Doe,1 Main St,,Saint Cloud,MN,56304,,N,,N

XXX,testPO#2,UPS-Surface,B122BE005,,,,1,Test Co.,Mary Doe,1 Main St,,Saint Cloud,MN,56304,,N,,N
XXX,testPO#3,UPS-Red, 00821780003735,,,,1,Test Co.,Mary Doe,1 Main St,,Saint Cloud,MN,56304,,N,,N

XXX = Your account number with alphabroder.

API

Customer requirement:
> Check Inventory extract or API
> Must have a valid username & password (website login)
> Must submit orders using our item number, GTIN or style, color code & size code
> Write code to "talk" to our system

We recommend testing in our development environment.

HTTP Post to Development

US: https://dev.alphabroder.com/cgi-bin/orderUploadFile.cgi
CAN: https://dev.alphabroder.com/cgi-bin/orderUploadFileCA.cgi

Please note * Our development environment requires an added level of authentication. Contact edisupport@alphabroder.com for username name and password to gain access. Note, this is not your webusername/password. Your web username and password are passed in the code, see following.

HTTP Post ProductionFields to be passed

userName	(web login-id)
password	(web password)
cn	(customer number)
FILE1	(csv file name)

US: https://www.alphabroder.com/cgi-bin/orderUploadFile.cgi
Sample Code:
You need to replace AlphaTest, A1ph@, and 00001 with your actual information; it is just sample data below.

```
<html>
<body>
<form action="https://dev.alphabroder.com/cgi-bin/orderUploadFile.cgi" method="post" enctype="multipart/form-data">
<input type="hidden" name="userName" value="AlphaTest" />
<input type="hidden" name="password" value="A1ph@" />
<input type="hidden" name="cn" value="00001" />
<p>File: <input type="file" name="FILE1" /></p>
<p><input type="submit" name="Submit" value="Submit Form" /></p>
</form>
</body>
</html>
```


CAN: https://www.alphabroder.com/cgi-bin/orderUploadFileCA.cgi
Sample Code:
You need to replace AlphaTest, A1ph@, and 00001 with your actual information; it is just sample data below.

```
<html>
<body>
<form action="https://dev.alphabroder.com/cgi-bin/orderUploadFileCA.cgi" method="post" enctype="multipart/form-data">
<input type="hidden" name="userName" value="AlphaTest" />
```

```
<input type="hidden" name="password" value="A1ph@" />
<input type="hidden" name="cn" value="00001" />
<p>File: <input type="file" name="FILE1" /></p>
<p><input type="submit" name="Submit" value="Submit Form" /></p>
</form>
</body>
</html>
```

Upon successful submission of your order, you will receive an order confirmation URL.

https://dev.alphabroder.com/cgi-bin/service/xml/xmlOrderStatus.w?on=73440218&bn=0&cn=1XXXXX2&user=205216111214197199205201&pwd= bxxXikeaicMPjjjg&all=y

It will return the web username and password encrypted (user & pwd).

You can use the order status API to checkon the status of an order anytime.

on= order number, bn= back-order #, usually this will be 1 (does vary for credits/replacement orders), cn= customernumber, user= valid web username, pwd= password

Sample Response:

```
<order creditcard="N" orderreferenceno="73440218" responsecode="00">
<customerpo>2409159</customerpo>
<freighttotal>6.8</freighttotal>
<taxtotal>0</taxtotal>
<coupon>0</coupon>
<ordervalue>37.92</ordervalue>
<shoppingbox>
<lineitem>
<style>3322</style>
<description>RS INFANT 100% CTN JERSEY TEE</description>
<color>WHITE</color>
<size>6MOS</size>
<pieces>8</pieces>
<price>2.37</price>
<amount>18.96</amount>
<warehouse>CC</warehouse>
<weight>.8888</weight>
<itemcode>B20671000</itemcode>
<upccode>00052987160246</upccode>
<shippernumber>73439985</shippernumber>
<shipstatus>In Picking</shipstatus>
</lineitem>
<lineitem>
<style>3322</style>
<description>RS INFANT 100% CTN JERSEY TEE</description>
<color>WHITE</color>
<size>12MOS</size>
<pieces>8</pieces>
<price>2.37</price>
<amount>18.96</amount>
<warehouse>CC</warehouse>
<weight>.8888</weight>
<itemcode>B20671001</itemcode>
<upccode>00052987160253</upccode>
<shippernumber>73439985</shippernumber>
<shipstatus>In Picking</shipstatus>
</lineitem>
</shoppingbox>
<shippingpage>
```

```
<shiptoaddresses>
<address>
<attention>John Doe</attention>
<company>John Doe</company>
<address1/>
<address2>6 Neshaminy Interplex</address2>
<address3/>
<city>TREVOSE</city>
<state>PA</state>
<zipcode>19054</zipcode>
<residence>N</residence>
<email>USER@alphabroder.com</email>
</address>
</shiptoaddresses>
</shippingpage>
<shipviapage>
<shipmethods>
<shipmethod warehouse="CC">
<selectoption>
<shippernumber>73439985</shippernumber>
<optcode>UPS-Surface</optcode>
<display>UPS-Surface</display>
<freightestimate>6.8</freightestimate>
<shipstatus>In Picking</shipstatus>
<transitdays>1</transitdays>
</selectoption>
</shipmethod>
</shipmethods>
</shipviapage>
</order>
```

FTP

Customer requirements: Check Inventory via inventory extract or inventory API, **provide to alphabroder:** AccountNumber, Name, FTP Address or IP address, Username & Password, Directory to pull files, Email address(s) for notifications. **Files are pulled from the server and the order is created in our system.** It is recommended that customers submitting through FTP also ask to be set up for order confirmations (document extract code 100).

Order Import Error Messages

The following list of possible messages which will be returned via the xml response or via e-mail (set-up is required).
It is recommended that you receive these notifications so that you can act on the errors.

<u>**List of Error Messages**</u>
100	Filename missing
101	Missing file or upload failed
102	Order could not be created
103	Order was created with warnings. Please review carefully.
104	User Validation Error
201	User cannot place order using a different account
300	Warehouse missing in one or more lines on PO
301	Errors while checking warehouse quantities
302	Unknown action specified
303	Order is missing

304 Not an Open Order

307 Could not match line to order - LINE LOST

308 Unable to create line

309 Item does not exist in warehouse

310 Item does not exist in warehouse

311 Insufficient quantities to fill order

312 Insufficient quantities to fill order. Will short ship

313 cLastErrorMessage

314 Customer opted NO split & we have insufficient quantities

315 cLastErrorMessage

316 Item not available *(includes qty ordered on the file)*

317 Invalid account id for third party carrier

400 Invalid Customer Number

403 Blank PO Number

404 PO already exists

405 Incomplete Address

406 Invalid Address

414 Invalid Carrier

415 Invalid Item Number

416 Invalid Style Code

417 Style Unavailable

418 Invalid Item Number

419 Invalid Color for Style

420 Invalid Item Number

421 Invalid Size for Style

422 Invalid Item Number

423 Invalid Mill for style

424 Quantity zero or below

501 No order found

502 Could not find order header

503 Could not find order details

504 Account on hold. Please contact the Credit Dept.

505 Carrier requires Valid Email Address for Confirmation

506 Invalid FedEx-Flex Exp Address

507 Order Cancelled Short Ship = No Insufficient quantities

508 Flex Express orders may not exceed 5 boxes. Order cancelled.

509 More than one ds warehouse on order. Item not ordered.

510 DS orders must be in even multiples of

512 Carrier does not allow customer terms

517 Carrier does not accept shipments to 'PO Box'addresses

518 This Item is Restricted

519 Invalid Quote Number

520 Order is on BackOrder

524 Insufficient quantities in Network

525 Order not placed

Some of the more common errors include - Duplicate PO, invalid carrier, item not available and invalid address. It isnot uncommon to receive multiple messages.

Helpful tips: Order import process does NOT allow for duplicate PO on your account. Validation is in place for city/state/zip. Zip for US must only be the 5 digits zip code. Visit www.zip-codes.com for city/sate/zip validation.Enter zip code in free zip code finder box, all city aliases listed will be considered valid. We may have additional variations loaded into our system.

Chapter 6 **EDI X12**

EDI X12 is a data format based on ASC X12 standards. It is used to exchange data between trading partner business applications. Data is structured in mutually agreed message formats.

Transactions supported:
850 – Purchase order
855 – Purchase order acknowledgement
810 – Invoice
856 – Advanced shipment notification
997- Functional acknowledgement

Contact EDI Support at edisupport@alphabroder.com to discuss implementation, mapping guidelines, cross-reference files, and trading partner agreements. Orders submitted to alphabroder must contain either a GTIN (UPC-14) or the alphabroder item number. X12 does not support decoration ordering.

Chapter 7 **PromoStandards**

Please visit our website and download the PromoStandards Integration Guide. It contains all the information that you need to integrate with alphabroder using PromoStandards. Visit http://www.promostandards.org/ for additional information about PromoStandards.

Chapter 8 **Decoration Orders**

Heat Seal &/or Embroidery Decoration Orders at alphabroder:

*** Approval for order submission is needed from Sales and Decoration Services management. Please reach out to your sales contact prior to beginning development work. ***

Requirements: Order file is provided in a specified xml file layout (see: **Xml File Spec**) along with artwork image files. The artwork image files have a maximum size of 25 MB. File types accepted: dst, png, jpg, svg, eps, pdf, and ai. Order files are processed via FTP or API. Image files must be placed on alphabroder FTP server (access and location to be provided).

File naming conventions are required:
> **Only files with an .xml extension will be processed**
> <div>-<cust#><anything>.xml
> <div> is "alp" for US customers, "can" for Canadian customers
> <cust#> is your alphabroder customer#

<anything> is your choice, perhaps a date stamp, your order number or a combination

Sample: alp-1304461-ctest10.xml

Submitting a file: Please contact EDI Support (edisupport@alphabroder.com) to have an FTP account set up for your account. Please note, if you already have one, you still need to contact EDI Support to set up decoration specific folders and internal account information. Provide email address to receive order error emails.

In development there is an added level of authentication that is required. Once testing is ready to begin, EDISupport will provide those credentials.

FTP users: Place all order and image files into the "decoOrders" subfolder on the FTP server. A scheduled process will run to pick up and process the orders. You will receive emails in whatever manner you have chosen for your other orders.

API users: Place all images for your order into your "decoOrders" subfolder on the FTP server.

Uploading programmatically will depend on your system and what you normally use to "POST" to a document:

Whatever method is used to post, you must supply the following parameters (case sensitive):

userName

password

cn

FILE1

AND whatever additional parameter will direct the command to follow redirects. The following is a sample curl command if you use curl (this must all be on one line and the **-L** is mandatory as it specifies that redirects are to be followed):

/usr/bin/curl -L --compressed --connect-timeout 5 --fail --verbose --user webdev:alpdev --output /usr/dbs/rt10/rtbwork/gwintner/dddtest.xml --form "userName=1304461" --form "password=test1304461" --form"cn=1304461" --form "FILE1=@alp-1304461ctest14.xml" https://dev.alphabroder.com/cgi-bin/decoOrderUploadFile.cgi --show-error 2>> /usr/dbs/rt10/rtbwork/gwintner/ddderr.txt

To upload from a web page use the following URLs:

https://dev.alphabroder.com/deco-order.htm for testing or

https://www.alphabroder.com/deco-order.htm for production.

You must use valid alphabroder web credentials in the following form. Note, a slight delay may be encountered while the images are retrieved. The xml response will come to your web page. All successfully processed order files and their related image files are moved to the decoOrders/done subfolder on your FTP account.

Testing in our development environment is required prior to live orders being accepted.

Xml File Spec:

<order> Order

    <cust-po> **At least 1 PO required per Order.**

        <order-type>"EH/SP/BL</order-type> **Required. EH=Embroidery / Heat Seal, EH Orders can have DecoType E and H mixed within PO Lines and Decorations.**

        <po-num></po-num> **Required. PO number must be unique for the account, an invalid or duplicate POnumber, generates a hard error.**

\<reorder-deco-po-num\>\</reorder-deco-po-num\> **Not in use, will be optional.**

\<whse\>\</whse\> **Required. ALP = KC, CAN = RC**

\<cust-number\>\</cust-number\> **Required, alphabroder customer account number, if invalid, generates ahard error.**

\<carrier-code\>\</carrier-code\> **Optional. If present, must be a valid alphabroder Carrier Code. If not used,system will default to UPS Ground. If invalid name is submitted a hard error is generated.**

\<ship-to-company\>\</ship-to-company\> **Required. Free text**.

\<ship-to-attn\>\</ship-to-attn\> **Optional. Free text**.

\<ship-to-addr1\>\</ship-to-addr1**> Required. Must be a valid Street Address.**

\<ship-to-addr2\>\</ship-to-addr2> **Optional. Free text**.

\<ship-to-city\>\</ship-to-city\> **Required. Must be a valid City.**

\<ship-to-state\>\</ship-to-state\> **Required. Must be a valid State Code.**

\<ship-to-zip\>\</ship-to-zip\> **Required. Must be a valid Postal Code.**

\<broder-vendor-num\>\</broder-vendor-num\> **Optional. The alphabroder vendor number in your system.**

\<comment\>\</comment\> **Optional. Free text.**

\<email-addr\>\</email-addr\> **Required. Must be a valid email address format.**

\<ship-date\>\</ship-date\> **Optional. If present, this represents the date expected for the order to ship from alphabroder. Must be 7 days from current date. If the Ship Date is invalid, a soft error is generated,but the order will not fail.**

\<items\> **Required. List of all items on the Order.**

    \<item\> **Required. Must be at least 1 item on the order.**

      \<item-number\>\</item-number\> **Required. Can be alphabroder ItemNumber or can be a GTIN.Must be a valid alphabroder Item Number or GTIN. If this is a DECO order, this needs to be decoratable for the given Deco Type(s). If invalid this should generate a hard error.**

      \<quantity\>\</quantity\> **Required. Must be numeric and > 0. If invalid, a hard error.**

      \<cust-item-num\>\</cust-item-num\> **Optional. Item Number in your system.**

      \<po-line-num\>\</po-line-num\>**Required. Must be sequential starting at 1, if invalid, a hard error.**

      \<add-on-items\> **Optional. Add On Items are only valid for Decorated Orders.**

        \<add-on-item\> **If Add On Items, then there must be at least 1 Add On Item.**

          \<add-on-item-number\>\</add-on-item-number\> **If Add On Item, this must correspond to avalid alphabroder Item Number. Item number must be valid for the Decoration Type.**
Invalid Add On Items should generate a soft error.

        \</add-on-item\>

        …

      \</add-on-items\>

      \<decorations\> **Must be present for a DECO order – unless \<reorder-deco-po-num\> is valued. If \<decorations\> exist and \<reorder-deco-po-num\> is valued, a Soft Error will be generated.**

        \<decoration\> **If Decorations, must have at least 1 Decoration**

          \<deco-type\>"E/H/"\</deco-type\> **Required. E=Embroidery, H=Heat Seal. Orders can haveDeco Type E and H mixed within PO Lines and Decorations.**

          \<decoration-id\>\</decoration-id\> **Optional. Will be present for Orders re-using existingartwork – not use yet.**

          \<production-art-file-name\>\</production-art-file-name\> **If there is a Decoration ID,**

Broder Bros., Co.

then this should be blank, otherwise this is Required and should represent an Image File Namelocated on the FTP. Invalid values when Required will generate a hard error.

Required and should be a valid Placement Coderelative the Deco Type passed in. Invalid Placement Codes will generate hard errors.

Optional and should represent the Width of the Logo

Optional and should represent the Height of the Logo.

<colors> **Colors are only valid for Deco Type = E, where there is no Decoration ID passedin, and the Production Art File ends with .dst extension.**

 <color> **If Colors, then there must be at least 1 Color**

   If color, this is required and must correspond to avalid Thread Chart in the Interface DB.

  <thread-stop>1</thread-stop> **If color, this is required and is sequential based onthe number of colors.**

   If color, this is required and must correspond toa valid thread color relative to the thread chart passed in.

 </color>

 …

</colors>

</decoration>

…

</decorations>

</item>

…

</items>

</cust-po>

…

</order>

Deco Extracts: Deco Colors, Deco Placement Codes, Deco Threads – these three files are used in conjunction with the xml file. Placement code on the xml file must be on the deco placement code file. Thread chart 13 is alphabroder's preferred thread chart. Thread chart and colors must be on these files or the xml response will generate a hard error. Available FTP only.

Error Messages: If the file contains errors, you will be notified via the XML and email, if you are set up to receive errors via email as well as your deco coordinator. The following is a list of messages you may encounter.

Messages:
- CRITICAL ERROR: "<file name>" FILE COULD NOT BE READ
- <po#> customer order with this PO# already exists (duplicate customer POs are not allowed)
- blank PO number in file
- duplicate PO number in file (you used it twice in this order file)
- Missing or invalid cust# for <po#>
- <po#> customer# <cust#> is not valid for EASI partner <partner-id> (you mistyped your cust#)

- No cust# specified for <po#> (left blank)
- Credit card customer <cust-number> has no valid / primary card.
- <po#> Warehouse is not a valid decoration warehouse (currently only KC is valid)
- No deco warehouse found for " <po#> " notify AlphaBroder IT Dept"
- Can't assign deco warehouse on order (if not specified and can't find by zip)
- Name/Address/City/St/Zip is blank on <po#> (shipping data required)
- Invalid Address City/St/Zip on <po#>
- <po#> Invalid item-number / gtin-code <item#> (you may use either item# or gtin but it must be valid)
- <po#> missing item-number / gtin-code
- <po#> <item/gtin> is not a valid item add-on.
- <po#> Invalid order add-on <gtin/item>
- <po#> item cannot be decorated <item-number / gtin-code>
- <po#> <item-number>/<gtin-code> po-line number is not a valid integer
- <po#> <item-number>/<gtin-code> quantity must be greater than zero
- No image specified for <item# / gtin-code> (each item on the order must have a related image)
- <name>.dst image cannot be used for heat-seal
- <image name> image height is not a valid numeric
- <image name> image width is not a valid numeric
- <image name> placement <code> is not valid for this style <style-code>
- <po#><image name> thread chart <chart-id> color-number <color-number> is not a valid choice.
- <image name> thread chart <chart-id> color-number <color-number> 'stop' data is missing
- Order Number Sequence Error - Report to AlphaBroder IT Dept
- Order <order-number> is in use -- notify AlphaBroder IT Dept
- <po#> Unable to create line notify AlphaBroder IT Dept
- <po#> Unable to create AddOn line notify AlphaBroder IT Dept
- Can't get image files for <customer number> -- FTP failure
- Image file <name> could not be retrieved.

Sample xml file with dst image:

```xml
<order>
 <cust-po>
  <order-type>EH</order-type>
  <po-num>12345219</po-num>
  <whse>KC</whse>
  <cust-number>YourAcctNumHere</cust-number>
  <carrier-code>UPS-Surface</carrier-code>
  <ship-to-company>Test Inc.</ship-to-company>
  <ship-to-attn>John Doe</ship-to-attn>
  <ship-to-addr1>123 South Main Street</ship-to-addr1>
  <ship-to-city>Orrville</ship-to-city>
  <ship-to-state>OH</ship-to-state>
  <ship-to-zip>44667</ship-to-zip>
  <broder-vendor-num>12345</broder-vendor-num>
  <comment>This is where a comment can be entered.</comment>
  <email-addr>johndoe@test.com</email-addr>
  <ship-date>1/16/2018</ship-date>
  <items>
   <item>
    <item-number>B21058004</item-number>
    <quantity>1</quantity>
```

```
    <po-line-num>1</po-line-num>
   <decorations>
    <decoration>
     <deco-type>E</deco-type>
     <production-art-file-name>28e86b69-Logo.dst</production-art-file-name>
     <placement-code>RC</placement-code>
    </decoration>
   </decorations>
  </item>
  <item>
   <item-number>B21058005</item-number>
   <quantity>1</quantity>
   <po-line-num>2</po-line-num>
   <decorations>
    <decoration>
     <deco-type>E</deco-type>
     <production-art-file-name>28e86b69-Logo.dst</production-art-file-name>
     <placement-code>RC</placement-code>
    </decoration>
   </decorations>
  </item>
 </items>
 </cust-po>
</order>
```

As an alternate to the above, decoration orders are also available by using PromoStandards PO service, PO type configured using the data provided in the Product Pricing and Configuration service. Please see PromoStandards Integration Guide for more information.

Chapter 9 **Who to contact?**

If you require assistance creating a web account, username/password assistance, or general website questions, in the U.S, please contact websupport@alphabroder.com and in Canada canadawebsupport@alphabroder.com.

Questions regarding images should be directed to images@alphabroder.com. EDI questions, order import, data extracts, FTP/API, integration questions, or to be added to the EDI mailing list, please contact edisupport@alphabroder.com. General questions regarding your account including pricing, freight, and carriers should continue to be directed to your salesperson or customer service agent.

It is highly recommended to schedule a call to discuss integration offerings with alphabroder and alphabroder Canada prior to beginning any development work.