

20North FFL Checkout Plug-in

Instructions

Introduction

This application uses FFLScope's API to help you, an online firearm store owner, facilitate the sale and shipment of firearms to online customers.

Select the products in your store that require a transfer to an FFL dealer for customer pickup, then allow your customers to select an FFL dealer location near them where they will pick up these products.

Simplify this regulatory process for FFL transfers to save you time and money when verifying FFL dealers and to give your customers a better online ordering experience.

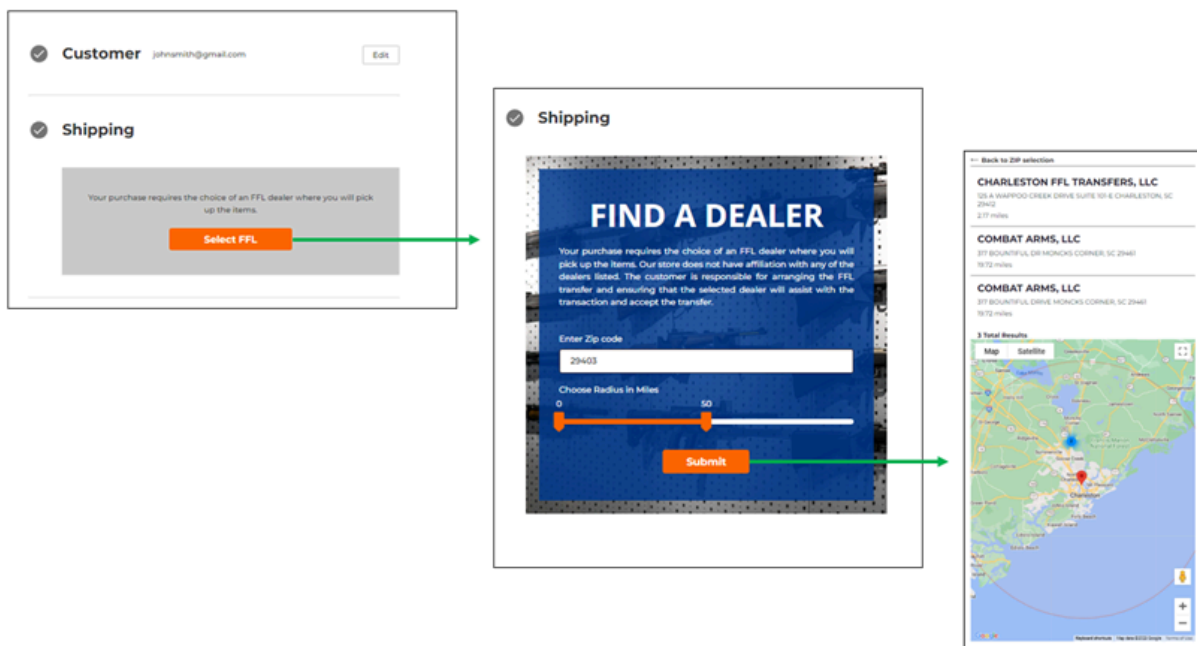
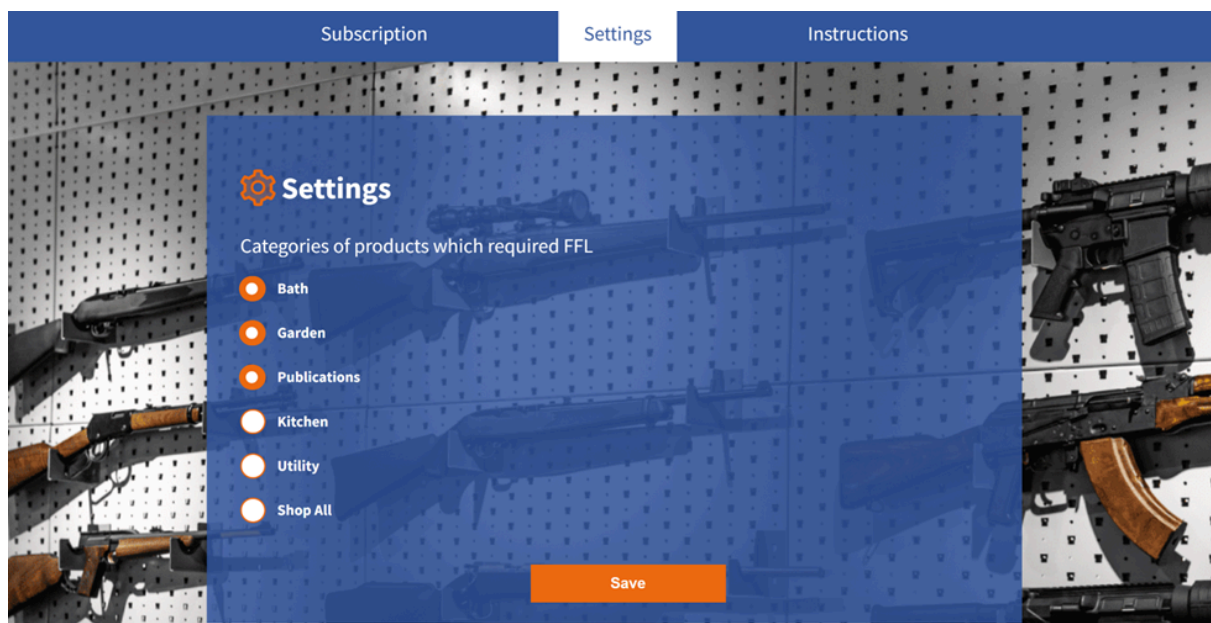


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1. Select products that require FFL transfer



Go to the Big Commerce store admin page and navigate to “Apps”.

Under “My Apps”, click on “auto-ffi”. Open the “Settings” page on the “auto-ffi” screen.

See a list of all product categories that exist in your store. This is a dynamic list that will update as you add or change product categories.

Next, select all categories that require an FFL provider to always be specified.

After you've finished selecting categories, click "Save".

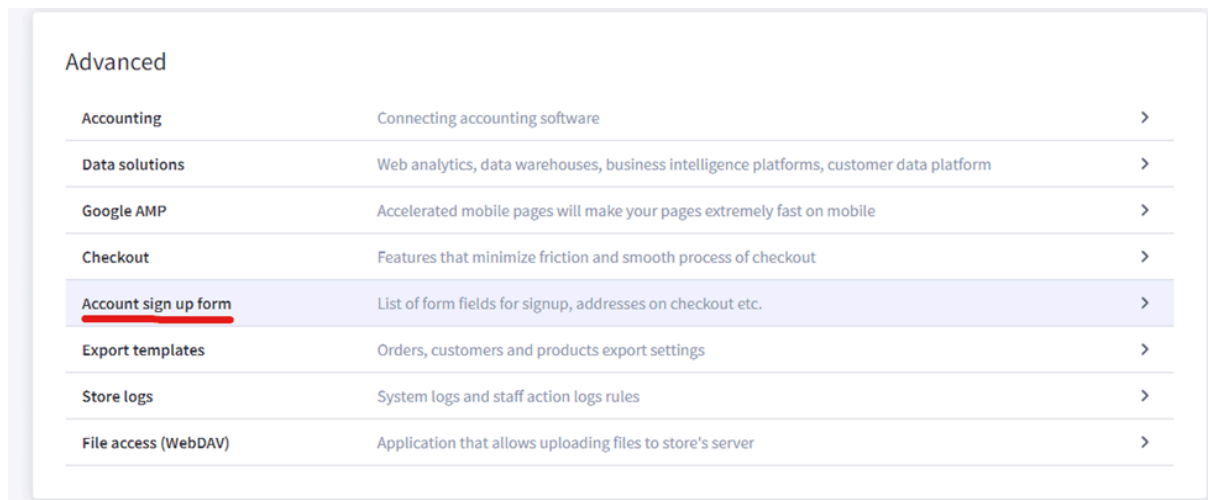
Now, if a customer adds an item to their cart that belongs to one of the selected categories, the customer will have to choose an FFL dealer location during its online checkout. These items will ship to this location for the customer to pick up.

2. Store customer-selected FFL dealer and copy of license

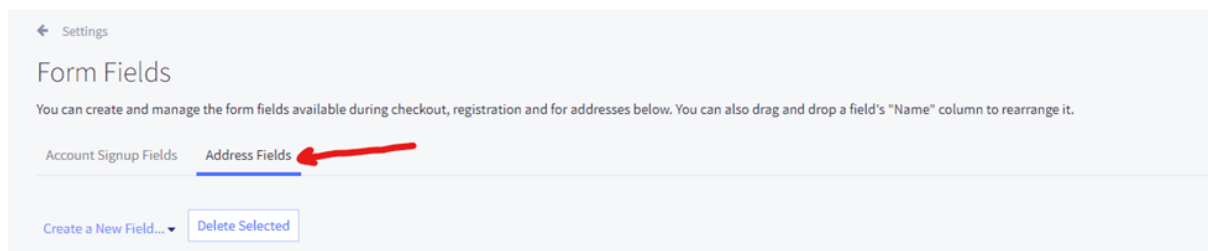
To record the FFL dealer selected by the customer at checkout, we need to create two new custom fields in the order address form. These fields will store the FFL ID Number and a copy of the license (via the FFLScope API) for the FFL dealer that your customer chooses.

To do this, go to the “Settings” page of your BigCommerce store admin page.

And in the advanced settings section select "Account sign up form"



Switch to “Address Fields” tab.



Create two new text fields and label with following names:

- “FFLNumber”
- “FFLVerificationProof”

as shown in the screenshots below.

Account Signup Fields Address Fields

Create a New Field...
Delete Selected

- ☒ Checkboxes
- ☐ Date Field
- ☐ Multiline Text Field
- ☐ Numbers Only
- ☐ Password Field
- ☐ Radio Buttons
- ☒ Text Field
- ☐ Pick List

	Data
	Text Field
	Text Field
	Text Field
	Text Field
	Text Field
<input type="checkbox"/> Address Line 1	Text Field

Create a Text Field

General

* Field Name: FFLNumber

Default Value:

Required: ☐ Yes this field is required

Field Size:

Maximum Field Length:

CSS Class Name: Textbox Field200

Inline CSS Style:

Cancel Save

Create a Text Field

×

General

* Field Name:

FFLVerificationProof

Default Value:

Required:

☐

Yes this field is required

Field Size:

?

Maximum Field Length:

?

CSS Class Name:

Textbox Field200

?

Inline CSS Style:

?

Cancel

Save

After saving these fields, the “Address Fields” page should have two new fields added:

Account Signup Fields					
Address Fields					
Create a New Field... Delete Selected					
<input type="checkbox"/>	Name	Data	Last Modified	Type	Action
<input type="checkbox"/>	First Name	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Last Name	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Company Name	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Phone Number	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Address Line 1	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Address Line 2	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Suburb/City	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Country	Pick List	Oct 10th 2022	Built In	...
<input type="checkbox"/>	State/Province	Pick List with Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	Zip/Postcode	Text Field	Oct 10th 2022	Built In	...
<input type="checkbox"/>	FFLNumber	Text Field	Dec 12th 2022	User Defined	...
<input type="checkbox"/>	FFLVerificationProof	Text Field	Dec 12th 2022	User Defined	...

- **FFLNumber** provides the license number of the FFL dealer that the customer selected
- **FFLVerificationProof** provides a hyperlink to a copy of the license for the FFL dealer that the customer selected (copy and paste into another tab to view)

The screenshot displays the FFL App Sandbox interface, showing an order detail view for Order ID 141. The interface includes a sidebar with navigation options like 'View Store', 'Home', 'Search', 'Orders', 'View', 'Add', 'Search', 'Export', 'Draft Orders', 'Shipments', 'Tracking Numbers', 'Gift Certificates', and 'Order Statuses'. The main content area displays order details for a customer named John Smith (Guest). It includes sections for Billing, Shipping, Method, Contact, and Checkout Custom Fields. The Checkout Custom Fields section is highlighted with a red box, showing the FFLNumber (157019014H07603) and the FFLVerificationProof (a long URL). The order status is 'Awaiting fulfillment' with a total amount of \$36,457.00.

Date	Order ID	Customer	Status	Total	Action
9th Jan 2023	141	John Smith (Guest)	Awaiting fulfillment	\$36,457.00	...
4th Jan 2023	140	Rivers Colyer (Guest)	Awaiting fulfillment	\$143.95	...
19th Dec 2022	136	1test test	Manual verification re	\$36,457.00	...

Order Details for Order ID 141:

Billing: John Smith, 71 Pitt Street, Charleston, South Carolina 29403, United States, 8433238074, jrhcolyer@gmail.com, 09 Jan 2023 10:37:22, 166.194.154.50, FFL App Sandbox (Desktop), Test Payment Provider, Captured, FFLNumber: 157019014H07603, FFLVerificationProof: https://fflapppeprd.blob.core.windows.net/ffl-proof/16300/c30af683-7e0b-4284-a329-6b7c676da780.pdf, Manual Tax.

Shipping: John Smith, 71 Pitt Street, Charleston, South Carolina 29403, United States.

Method: Free Shipping, \$0.00, N/A, United States.

Contact: John Smith, 8433238074, jrhcolyer@gmail.com.

Checkout Custom Fields: FFLNumber: 157019014H07603, FFLVerificationProof: https://fflapppeprd.blob.core.windows.net/ffl-proof/16300/c30af683-7e0b-4284-a329-6b7c676da780.pdf.

Item: 1 x test1, test1, \$36,457.00.

Summary: Subtotal: \$36,457.00, Shipping: \$0.00, Tax: \$0.00, GRAND TOTAL: \$36,457.00.

3. Set up Google Maps in application

In our application, we use Google Maps JavaScript API to display a map of firearm dealer locations to your customers at checkout. In order to enable this map, you need to enter your Google Maps API key that is specific to your company's Google profile.

WARNING: TURNING ON GOOGLE MAPS MAY INTRODUCE COSTS FROM GOOGLE.

With this application, we will make ONE request to this API each time that your customer searches for FFL dealers near them when they are checking out and we generate the map to show all dealer locations.

Google will allow you a free monthly quota of requests to its Maps API. They will let you make **28,500 FREE requests per month** to this API before charging \$0.007 per request (this comes out to \$7 per 1000 requests). After one month, this quota resets and you have a fresh quota for the following month.

- More on Google Maps JavaScript API pricing: <https://mapsplatform.google.com/pricing/>

Based on your monthly order volume of orders that require FFL transfers, you can estimate whether you will reach this quota of 28.5k monthly requests.

- If your monthly volume is well under free quota, then you can use Google Maps API free of charge (as you won't need that many requests to meet storefront volume).
- If your monthly volume is near or above quota, understand the pricing as you enable the Google Maps widget within our application.
 - You can implement a budget that allows you to cut off requests when approaching the free limit. Read more here: <https://cloud.google.com/billing/docs/how-to/budgets>

Reach out to our team at support@20northmarketing.com if you have further questions on pricing.

This is **OPTIONAL**. If you do not follow the steps below to enable the map, we will still return a list of FFL dealer locations for your customer to select but the map will not be displayed. Skip to Step 4 if you want to complete the setup without map enabled.

3.1. Access or Create your Google Maps Access Key

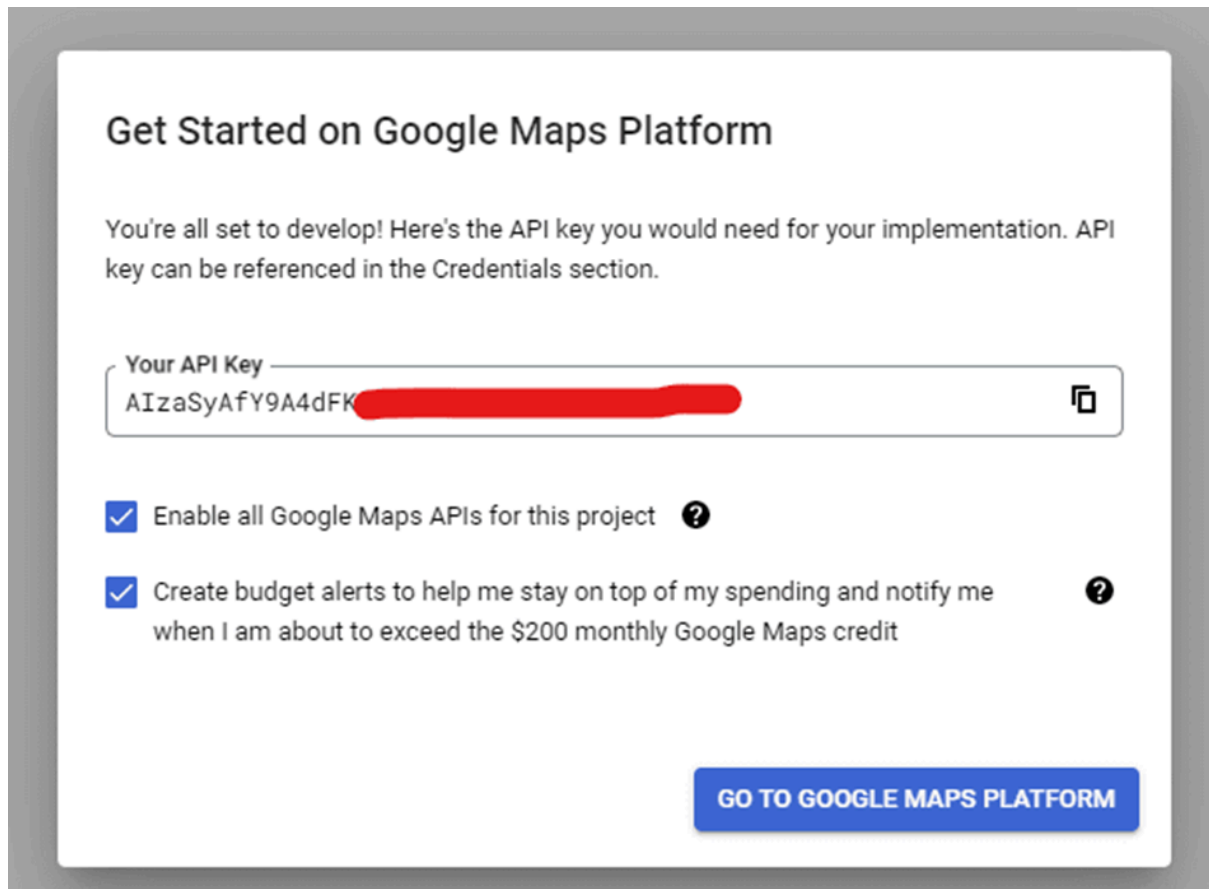
Click on this [Google Maps Platform link](#) and click on the "Get Started button".

3.1.1. If you do NOT have a Google Maps API Key

After you click on "Get Started", click on the "SIGN UP TO GET AN API KEY" button.

Next, create a billing account if you do not have one already.

After that, you will be shown a window with your key to access Google maps seen below.



Next, go to the "GOOGLE MAPS PLATFORM".

Then, you will see options to protect your keys.

Protect your API key

In order to protect your account from unwanted malicious usage, we recommend restricting your Google Maps Platform API key.

Select restriction type
HTTP referrers (web sites)

Restrict key usage requests to the specified websites

Referrer *
.example.com/

MAYBE LATER RESTRICT KEY

We recommend that you use protection by “HTTP referrers”. This will only enable the key to work on your store’s website. In the referrer, enter your real store domain.

3.1.2. If you do have a Google Maps API key

The above link from Step 3.1. will take you to your company Google Cloud page. Next, toggle to Menu at top left of screen and navigate to “APIs & Services” -> “Credentials”

On “Credentials” page, press “Show Key” on right side of “API Keys” table for “Maps API Key”.

Name	Creation date	Restrictions	Actions
Maps API Key	Jan 4, 2023	HTTP referrers	SHOW KEY

To protect your keys and only enable the key to work on your store’s website, then click on button under “Actions” column in above table and click “Edit Key”.

Next, follow steps below.


Application restrictions

An application restriction controls which websites, IP addresses, or applications can use your API key. You can set one application restriction per key.

☐ None
☒ HTTP referrers (web sites)
☐ IP addresses (web servers, cron jobs, etc.)
☐ Android apps
☐ iOS apps


Website Restrictions

Restrict key usage requests to the specified websites.

 If left blank, your API key will accept requests from any website.

2 → + ADD

Filter Enter property name or value ?

<input type="checkbox"/>	Status	Website	Edit
<input type="checkbox"/>		Your Website URL	

API restrictions

API restrictions specify the enabled APIs that this key can call

☐ Don't restrict key
This key can call any API
☒ Restrict key

4 → 1 API ▼

Selected APIs:

Maps JavaScript API

Note: It may take up to 5 minutes for settings to take effect

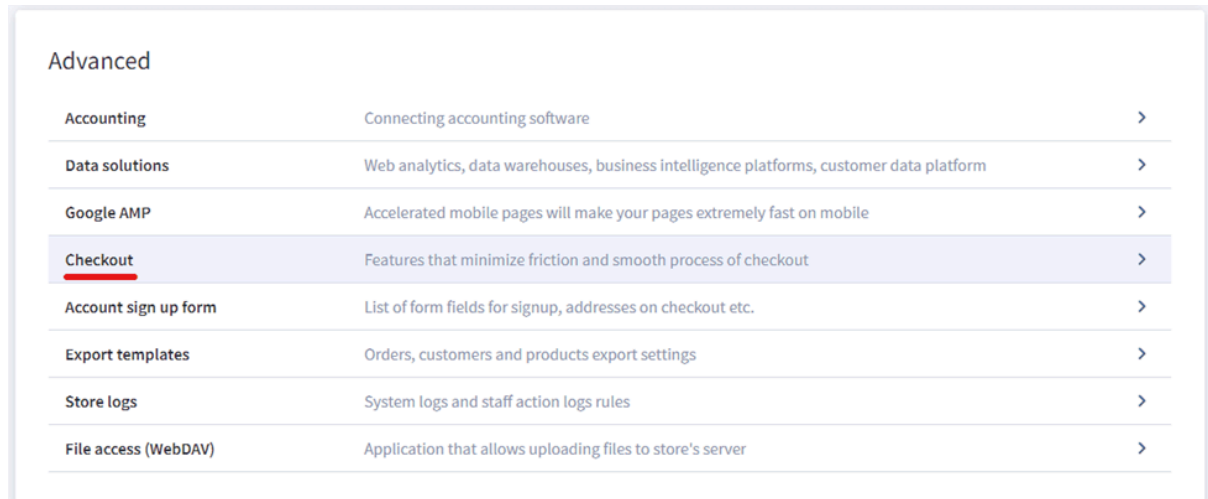
5 → SAVE CANCEL

1. Set restrictions by HTTPS referrers
2. Add store URL. Once submitted, it should show in table directly below "Add" button.
3. Toggle on "Restrict Key"
4. Select "Maps JavaScript API"
5. Click "Save"

3.2. Install Google Maps in your store website

Now that you have your Google Maps API key, go to Big Commerce admin page and open your store "Settings".

Next, open the "Checkout" settings located in the "Advanced" block.



In the "Optimized One-Page Checkout Settings" section, you need to enable the use of Google Maps for checkout by entering your Google Maps API key.

Optimized One-Page Checkout Settings

Customer

☐ Allow customers to sign in with a link sent to their email (passwordless login).

☐ Require guest customers to accept a privacy policy (GDPR Recommended).
This setting requires store Privacy Policy to be set up under Store Settings section. [Configure store Privacy Policy.](#)

Shipping

Default Shipping Option

Least expensive, excluding pickup in st ▾

☐ Allow customers to select multiple shipping addresses for an order.

☒ Use Google Maps services to autocomplete shipping and billing addresses.

Google Maps API Key:

AlzaSyAfY9A4dFK_ [REDACTED]

Billing

☒ Make the "My billing address is the same as my shipping address." checked by default on checkout.

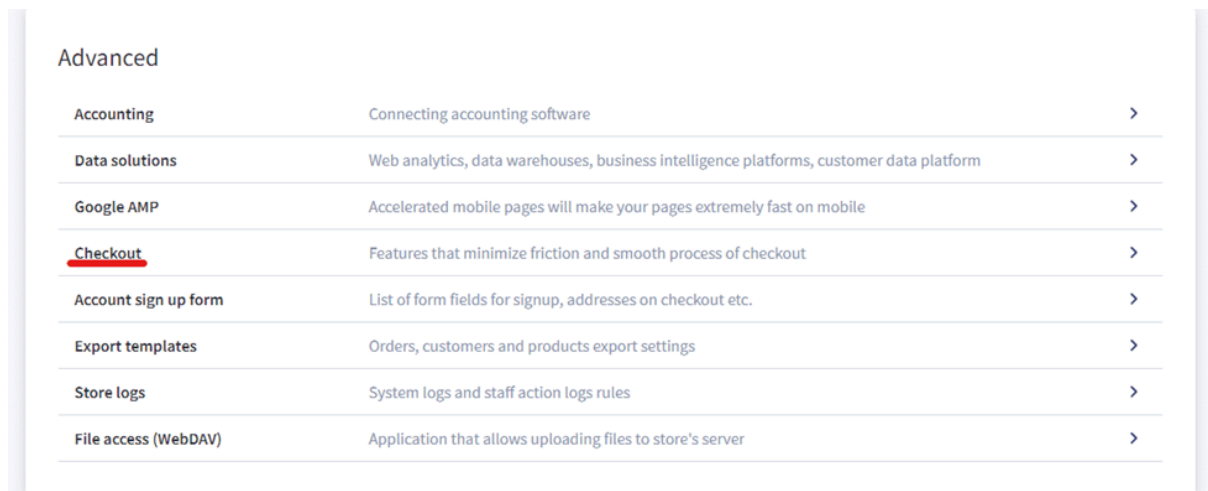
Click Save, and now all listed FFL dealers will be plotted on a map.

4. Configure custom checkout in store

Implementing this application into your store implies that you switch the use of the BigCommerce standard checkout page to a custom checkout provided with our application.

Our checkout page completely repeats and uses the functionality of BigCommerce Checkout SDK and only supplements it with the possibility of choosing an FFL dealer for those orders that require it.

To configure custom checkout, go the “Settings” -> “Advanced Settings” section and open the “Checkout” settings.



In the “General Settings” section, switch the checkout to "Custom Checkout".

General Settings

Checkout Type

☐ Optimized One-Page Checkout

☒ Custom Checkout



In the “Custom Checkout Settings” section on the same page, set to below settings:

Custom Checkout Settings

Custom Checkout

Want to provide a custom checkout experience? You can do so by entering a script URL that will replace our default checkout and order confirmation page. [Learn more](#).

⚠ Some kinds of custom checkout scripts or applications can affect PCI compliance. You are responsible for such changes in accordance with our [Terms of Service](#).

Script URL:

<https://production-auto-ffl-app.20northmarketing.com/checkout/auto-loader.js>

- ☒ This checkout supports Optimized One-Page Checkout settings.
- ☒ Use the same script URL for the custom order confirmation page.

- **Script URL:** <https://production-auto-ffl-app.20northmarketing.com/checkout/auto-loader.js>
- **This checkout supports Optimized One-Page Checkout settings:** YES
- **Use the same script URL for the custom order confirmation page:** YES

And the installation is complete!

Once customers place an order, you can find the FFL number and link to the FFL license in the order admin page. By default, orders will be moved to 'Awaiting fulfillment' status.

The screenshot displays the BigCommerce admin interface for the 'FFL App Sandbox' store. The left sidebar shows navigation options like 'View Store', 'Home', 'Search', and 'Orders'. The main content area shows a list of orders under the 'Awaiting fulfillment' status. The selected order (ID 141) details are shown, including billing, shipping, and contact information. A red box highlights the 'Checkout Custom Fields' section, which contains the FFL Number and the FFL Verification Proof URL.

Field	Value
FFL Number	157019014H07603
FFL Verification Proof	https://fflscopeprd.blob.core.windows.net/ffl-proof/16300/c30af683-7e0b-4284-a329-6b7c676da780.pdf

Customers will receive an email that provides a link to the FFL license for the FFL dealer which contains location details where their items will ship:

Subtotal:	\$134.00 USD
Shipping:	\$0.00 USD
Tax:	\$0.00 USD
Grand Total:	\$134.00 USD
Payment method:	Test Payment Provider
Shipping method:	Free Shipping

Shipping address	Billing Address
CHARLESTON, SOUTH CAROLINA 29403-6587	CHARLESTON, SOUTH CAROLINA 29403-6587
UNITED STATES	UNITED STATES

FFLNUMBER

- 157015015D07956

FFLVERIFICATIONPROOF

- [HTTPS://FFLScopePRD.Blob.Core.Windows.Net/FFL-PROOF/17967/B4E5A887-A5EA-47B9-9FBB-41B9ABBE608A.PNG](https://fflscopeprd.blob.core.windows.net/ffl-proof/17967/B4E5A887-A5EA-47B9-9FBB-41B9ABBE608A.PNG)

U.S. Department of Justice
Bureau of Alcohol, Tobacco, Firearms and Explosives

Federal Firearms License
(18 U.S.C. Chapter 44)

In accordance with the provisions of Title 18, United States Code, and the regulations issued hereunder (27 CFR Part 478), you are licensed to engage in the business specified in this license, within the limitations of Chapter 44, Title 18, United States Code, and the regulations issued hereunder, until the expiration date shown. **THIS LICENSE IS NOT TRANSFERABLE UNDER 27 CFR 478.11.** See "REMARKS" and "NOTES" on reverse.

Licensee: **CHARLESTON FFL TRANSFERS, LLC**

Compendium To: **ATF - Chief FFLC**

Chief, Federal Firearms Licensing Center (FFLC)

244 Moody Road
Martinsburg, WV 25405-0451

License Number: **1-57-019-01-4H-07603**

Expiration Date: **August 1, 2024**

Address: **1859 SUMMERVILLE AVE SUITE 600
CHARLESTON, SC 29405**

Type of License:

01-DEALER IN FIREARMS OTHER THAN DESTRUCTIVE DEVICES

Transferring Certificate Number:

The licensee named above shall use a copy of this license to secure a transfer of firearms to verify the identity and the licensed status of the licensee as provided by 27 CFR Part 478. The licensee shall also use this license to verify the identity and the licensed status of the licensee as provided by 27 CFR Part 478. The licensee shall also use this license to verify the identity and the licensed status of the licensee as provided by 27 CFR Part 478.

Signature of Responsible Person: **John Laurence McLaughlin, III**

Date: **10 August, 2021**

Owner/Member: **CHARLESTON FFL TRANSFERS, LLC**

1537 BURNING TREE ROAD
CHARLESTON, SC 29412

ATF Form 6 (2/2012)
Revised October 2021

If you have any questions about installation or use of application, reach out to support@20northmarketing.com