Connect Shopify Checkout Extensibility to Monetate

> This content is for Monetate clients that are also Shopify Plus clients.

Shopify has announced that on August 13, 2024, it will no longer support its `checkout.liquid` layout on its clients' information, shipping, and payment checkout pages. Furthermore, on August 28, 2025, it will no longer support `checkout.liquid` on its clients' "Thank You" and order status pages as well as turn off apps using script tags and additional scripts under the post-purchase and order status pages. Therefore, any Shopify Plus client that customizes its checkout flow using `checkout.liquid` must upgrade to Shopify's checkout extensibility platform features suite.

> See Shopify's checkout extensibility upgrade documentation for the prerequisites and steps to upgrade from `checkout.liquid` to checkout extensibility.

In addition to moving its checkout flow customizations from `checkout.liquid` to checkout extensibility, each Monetate—Shopify Plus client must also create a custom pixel to implement code that tracks all `product_added_to_cart` and `checkout_completed` events and sends the appropriate data to Monetate.

Before publishing your draft checkout profile created using checkout extensibility, follow these steps to create a custom pixel containing code to send customer data from Shopify to Monetate.

1. Click **Settings** in Shopify admin.

2. Click **Customer events** on the Settings panel.

3. Click **Add custom pixel**.

4. In the Add custom pixel modal, type a descriptive name into **Pixel name**, and then click **Add pixel**.

5. Copy the following code and paste it into the code editor.

   > This code doesn't account for any discounts you may offer on your site. You may need to customize this code to track discounts.

```
var monetateT = new Date().getTime();
const script = document.createElement('script');
script.type = 'text/javascript';
script.src =
  '//se.monetate.net/js/2/a-b099aae4/p/monetate-demo-site.myshopify.com/entry.js';
const target = document.getElementsByTagName('script')[0];
target.parentNode.insertBefore(script, target);

window.monetateQ = window.monetateQ || [];

analytics.subscribe('product_added_to_cart', (event) => {
  const lineItem = event.data.cartLine;

  window.monetateQ.push([
    'addCartRows',
    [{
      productId: lineItem.merchandise.product.id,
      quantity: lineItem.quantity,
      unitPrice: lineItem.merchandise.price.amount,
      sku: lineItem.merchandise.sku,
      currency: lineItem.merchandise.price.currencyCode,
    }, ],
  ]);

  window.monetateQ.push(['trackData']);
});

analytics.subscribe('checkout_completed', (event) => {
  const lineItems = event.data.checkout.lineItems;

  const purchasedItems = lineItems.map((lineItem) => {
    return {
      purchaseId: event.data.checkout.order.id,
      productId: lineItem.variant.product.id,
      quantity: lineItem.quantity,
      unitPrice: lineItem.variant.price.amount,
      sku: lineItem.variant.sku,
      currency: lineItem.variant.price.currencyCode,
    };
  });

  window.monetateQ.push(['setPageType', 'purchase']);
  window.monetateQ.push(['addPurchaseRows', purchasedItems]);
  window.monetateQ.push(['trackData']);
});
```

6. Click **Save**.

7. Click **Connect**.

8. Click **Connect** in the advisory modal.

Because Shopify's custom pixels run in a sandbox environment, the data passed to Monetate through a custom pixel isn't visible in Monetate Inspector. However, you can view on your Monetate account's platform dashboard analytics based on the data sent from Shopify.