

Overview

[AvantLink](#) is a cost-per-sale affiliate marketing network. This extension installs the tracking required to partner with AvantLink. To use the extension, you must have an AvantLink advertising merchant account. If you do not have an account, contact sales@avantlink.com to get started.

Install Extension

The AvantLink Tracking Extension may be installed using one of the two options below:

Option 1: Via Composer (recommended)

1. Install the base AvantLink Tracking Extension by running the following commands in the root folder:
 - `composer require AvantLink/Tracking`
 - `php bin/magento module:enable AvantLink_Tracking`
 - `php bin/magento setup:upgrade`
2. Upgrade the AvantLink Tracking Extension to ensure you are using the latest version by running the following commands in the root folder:
 - `composer update AvantLink/Tracking`
 - `php bin/magento module:enable AvantLink_Tracking`
 - `php bin/magento setup:upgrade`
3. Setup Magento store content with the AvantLink Tracking Extension by running the following command in the root folder:
 - `php bin/magento setup:di:compile`
 - If you run Magento in production mode you must deploy the AvantLink Tracking Extension's static files by running the following command in the root folder:
 - `php bin/magento setup:static-content-deploy`
4. Flush and clean cache by running the following command in the root folder:
 - `php bin/magento cache:flush`
 - `php bin/magento cache:clean`
5. Refer to the **AvantLink Tracking Extension Configuration** section of this document.

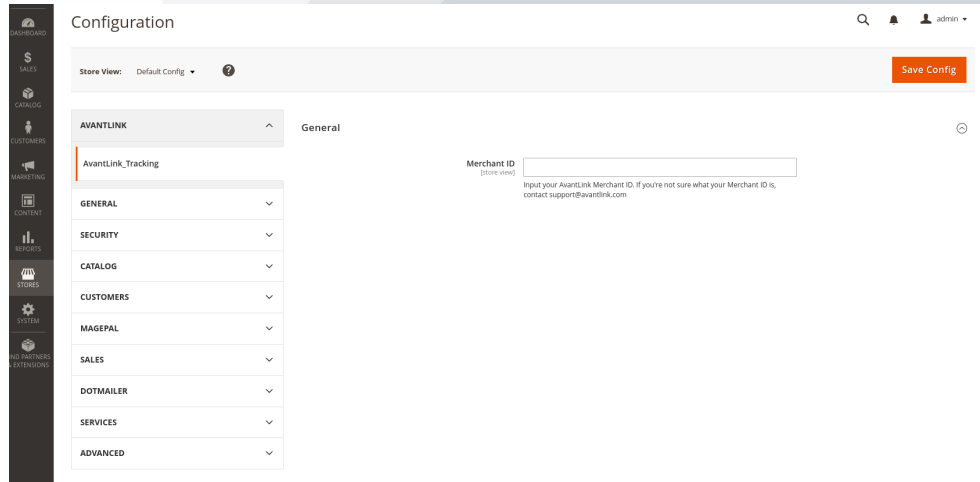
Option 2: Install Manually

1. Download latest version of the AvantLink Tracking Extension here: <https://github.com/avantlink/magento-plugin>
2. Create the file path `app/code/AvantLink/Tracking`
3. Extract `Avantlink_Tracking-1.0.0.zip` file to `app/code/AvantLink/Tracking`
4. Go to the root folder and run the following commands:
 - `php bin/magento module:enable AvantLink_Tracking`
 - `php bin/magento setup:upgrade`
 - `php bin/magento setup:di:compile`
 - If you run Magento in production mode, you must deploy the module's static files:
 - `php bin/magento setup:static-content:deploy`
5. Flush and clean cache by running the following commands:
 - `php bin/magento cache:flush`
 - `php bin/magento cache:clean`
6. Refer to the **AvantLink Tracking Extension Configuration** section of this document.

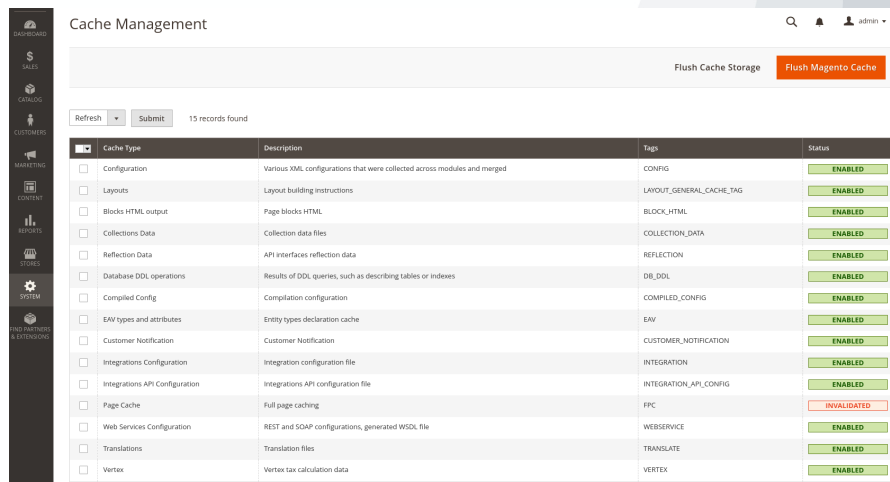
AvantLink Tracking Extension Configuration

After installing the extension, you must configure it for your account.

1. In the Magento dashboard go to Stores > Configuration
2. On the Configuration screen select the AvantLink tab (make sure it has AvantLink_Tracking)
 - Enter the AvantLink Merchant ID the AvantLink Integration Team Supplied you with. Contact integration@avantlink.com if you need it resent.
 - Click 'Save Config'



3. Clear the cache by going to System > Cache Management
 - Click any that say 'Invalidated'
 - Click 'Flush Magento Cache'
 - Alternatively, if you are in the root folder of the Magento machine, you can type in:
 - `php bin/magento cache:clean` and it should handle this for you.



7. After installation, there are no visible changes to your storefront's appearance, however you need to place a few test orders through your store to ensure the AvantLink tracking is properly configured. Refer to the **Test Tracking** section of this document.

Test Tracking

After the extension is configured, you must place a few test orders on your Magento store to ensure AvantLink is receiving the order data properly. Refer to this article: [How to Perform a Tracking Test](#) or follow the steps below.

How to Place a Test Order

1. [Build a test tracking link.](#)
 - Tracking tests work exactly like an affiliate link will when your program is live.
 - The test tracking link uses AvantLink's test affiliate account (ID 101) and orders are automatically canceled to prevent commissions from being paid out.
 - Test results are sent via email.
2. Click the test tracking link or paste the link into a browser. It will redirect to your homepage.
 - Ensure that you do not have any plugins installed on your browser that can block cookies when testing.
 - Reach out to your integration rep if you need to designate a specific landing page for the tracking test. This is required if testing on dev/staging servers that different sub-domains than your production website.
3. Complete the purchase within ten minutes of clicking on the test tracking link using the scenarios outlined in the next section.
 - The transaction amount must be greater than zero (\$0.00).
4. The results will be emailed within 20 minutes. Keep the "Thank You / Order Confirmation" page open in your browser until you receive one of the Tracking Results emails.
 - **If you receive a Successful test email**, compare the data from the email to Magento to ensure it is accurate. Perform additional tests using each of the test scenarios outlined below.
 - **If you receive either a Partial Success or a Failure email**, please refer to the tracking troubleshooting article.
5. Be sure to cancel the order(s) in the Magento platform to the products are not accidentally shipped.

Test scenarios to ensure data is accurate

Scenario 1: Ensure basic order information is correct. Add a quantity of two for one product SKU and add a quantity of one for a different product SKU. **The sale amount must be greater than zero to track in AvantLink.**

- Are the Request Details correct?
 - Is the Transaction ID (Order Number) correct?
 - Is the Sale Amount correct?

- It should omit tax and shipping.
 - Ensure the correct currency is being passed.
 - Are the Order Item Details correct?
 - Are both the Item Parent SKU and Item Variant SKU accurate?
 - Is the Item Quantity correct?
 - Is the Item Price correct?
 - It should reflect the cost of one item.
 - Is the Product Name correct?
 - For the Product Name to be correct the Item Parent SKU must have a match in your product datafeed. If your datafeed has not been configured yet or is the SKU is unavailable in the product datafeed, you will not see this data in your test results.
 - Example of success email from AvantLink:



Result: SUCCESS

A recent attempt to test the order tracking integration for the <Merchant Name> merchant program was successful.

Validate Data:

The data below reflects what AvantLink received from the Order Confirmation script on your checkout page. Ensure it is accurate with your test order.

Request Details:

Variable Name	Data Received
Merchant Id:	25113
Transaction Id:	162524
Sale Amount:	45.00 USD
Coupon Code:	lettucera
New Customer:	No
Billing State:	OR
Billing Country:	USA
Custom Tracking Code:	552233

This is the data AvantLink received. Compare it to Magento to ensure accuracy

Order Item Details:

Product SKU	Item Quantity	Item Price	Product Name
ADA007	1	25.00	Trailer Hitch Adapter 3/8-26
ADA001	2	25.00	Quick Release Hitch Adapter for Trailers

Next Steps:

- Place another test order for each of the [recommended scenarios](#)
- After completing all scenarios, respond to your tracking integration ticket to see if your account is ready to go live.

Tracking Request:

Tracking link information that is useful to the AvantLink integration team.

tracking.avantlink.com/ptcfp.php?v=m01&mi=25113&ot=45&on=162524&ad=77_e2bc1a415&oi=ADA007%7C25%7C1%7EADA001%7C25%7C2&ecc=lettucera&cst=OR&ccy=US&stc=USD

Scenario 2: Ensure the coupon code is correct. After ensuring the data is accurate in the first scenario, place an additional tracking test using a coupon code. Add three products to your cart (use different products than scenario 1. Have a quantity of two for one product and then add at least one other product.

- Is the data outlined in scenario 1 correct with the discounted amount?
- Does the Sale Amount reflect the discount?
- Is the Coupon Code accurate?

Scenario 3: Ensure the new customer is correct. After ensuring the data is accurate in the previous scenarios, place two additional tests to check new customer sales. Place one order by logging into your store, then place a second order by using the guest checkout.

- Is the New Customer data accurate?
 - Existing customers are identified if you logged to your store before completing the purchase.



- Guest checkouts are identified as New Customers.

You may stop testing after you have verified the data is accurate for the above scenarios. This indicates all the recommended tracking parameters are tracking properly.

After placing successful test orders, contact the AvantLink Integration team to turn your affiliate program live.

Uninstall Extension

If you discontinue your relationship with AvantLink you may uninstall the extension using following the steps:

1. Delete the AvantLink folder from app/code
2. Run the command php:
 - `php bin/magento setup:upgrade`
3. Restart the server machine and the extension should be removed.