



Woo Commerce – Build and Configuration

ClearAccept Ltd

Version 11.0

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Confidential

ClearAccept Ltd

Registered Company No. 12334838

clearaccept.com

107 Cheapside, London, EC2V 6DN

Future-proof your payments™

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Document Change History			
Version	Date	Author	Changes
1.0	Aug 2022	Yasmine Aslam	Initial Draft
3.0	Nov 2023	Yasmine Aslam	V2.1.0 of ClearAccept plugin linked Feature scope clarification V2.1.0 now includes Apple Pay in addition to Amex, Mastercard and Visa support
4.0	Mar 2024	Yasmine Aslam	Bug fix for mandatory fields not recognised when Apple Pay used to checkout
5.0	Apr 2024	Yasmine Aslam	Bug fix to ensure correct credentials used in the correct environment.
6.0	Apr 2024	Yasmine Aslam	Added ability to enable \ disable ClearAccept as a payment solution within the Plugin
7.0	May 2024	Yasmine Aslam	Improvements re Apple Pay enablement
8.0	Sept 2024	Yasmine Aslam	Clarification of in scope ClearAccept features
9.0	Feb 2025	Yasmine Aslam	V2.2.3 of the ClearAccept plugin linked Updated compatibility and in scope features. New Structure and Component section added. Overall, the Plugin includes various bug fixes, improvements and enhancements – see Appendix.
10.0	Mar 2025	Yasmine Aslam	Clarification that HPOS is compatible with V2.2.3 of the ClearAccept plugin
11.0	May 2025	Yasmine Aslam	V2.2.4 - Apple Pay now part of the new plugin

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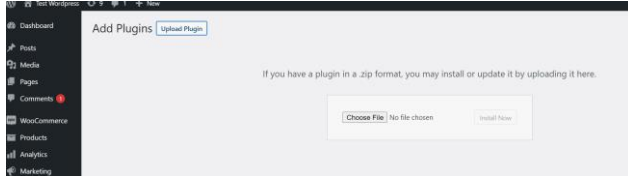
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1.1 MANUAL BUILD/DEPLOYMENT

The plug in can be deployed by zipping the directory “woocommerce-gateway-clearaccept-payments” and uploading it via the WordPress plugging manager. The plugin file can be found at the link in section 1.2 of this document.



Alternatively, the directory can be uploaded to the following directory: [site root]/wp-content/plugins/

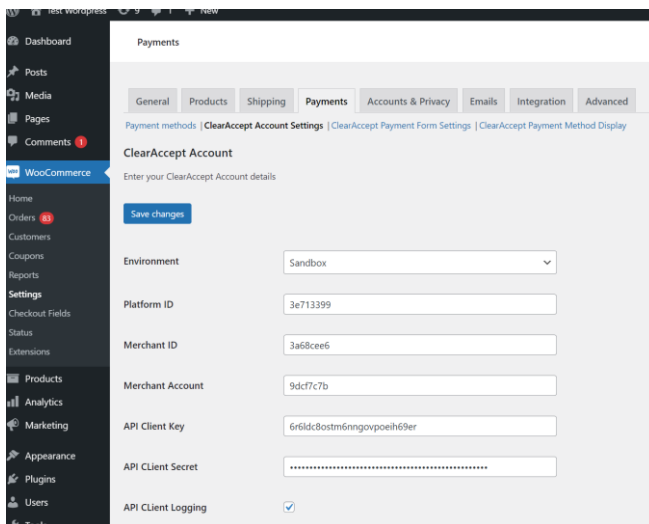
1.2 AUTO BUILD/DEPLOYMENT

Details of the auto build process can be found here:

https://dev.azure.com/ClearAccept/ClearAccept%20Public/_git/woocommerce-plugin?version=GBmaster

1.3 CONFIGURATION

- 1) The plug in is configured via the plugin management UI.



- 2) The plugin currently uses default settings for consumer facing emails. This means that a consumer won't receive an email if their payment is declined

1.4 COMPATIBILITY

The plugin is compatible with:

WordPress: v5.6 up to v6.7.2

WooCommerce: v6.00 up to v9.7

PHP: v7.4 up to v8.2.27

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cURL must be installed on your server.

This plugin is not currently compatible with WordPress Plugin WordFence.

1.5 IN SCOPE PAYMENT FEATURES

1. Configuration of ClearAccept credentials within Plugin
 - a. Merchant and Merchant Account IDs that identify Merchant within ClearAccept
 - b. Platform IDs that identify Platform within ClearAccept
2. Integration to ClearAccept Hosted Fields for:
 - a. Payments – single step auth and capture
 - b. 3D Secure\Customer authentication
 - c. Save a card with a payment
 - d. Pay with a saved card (hosted field for CVV)
 - e. Refund via Woo back office
 - f. Support for Apple Pay
 - g. Process GBP and EUR transactions
 - h. Ability to retrieve Payment data on demand to populate a confirmation page or as recovery mechanism eg if customer does not complete checkout
 - i. Ability to send Woo transaction ID to ClearAccept Gateway and save ClearAccept Gateway transaction ID with Woo for reconciliation purposes
 - j. Basic configurability of Hosted Field UI within Plugin. Vanilla UI by default.
 - k. Support for Woo “Classic” checkout
 - l. Compatibility with [High Performance Order Storage](#)
3. The plugin is configured with the default Woo Commerce emails both for the content and which emails are sent under what circumstances. For example, when a payment is declined, the default email and content sent to the customer will be the “Order on hold” email.

1.6 OUT OF SCOPE FEATURES

The following features are currently not supported by the plugin:

- Two step payment processing i.e. Customer pays on shipping
- Merchant Initiated Transactions
- Recurring payments
- Compatibility with Woo’s “Block” Checkout.

1.7 STRUCTURE

```
woocommerce-gateway-clearaccept-payments/  
├── assets/  
│   ├── css/  
│   │   └── ClearAccept_Payments.css  
│   ├── icon/  
│   │   ├── ae.png (American Express)  
│   │   ├── mc.png (Mastercard)  
│   │   └── vi.png (Visa)  
│   └── js/  
│       ├── apple-pay.js  
│       ├── ClearAccept_Payments.js  
│       ├── clearaccept-admin-custom.js  
│       └── wc_clearaccept-block.js (Foundation for future Blocks support)  
└── includes/  
    ├── class-clearaccept-payment-method.php (Foundation for future Blocks support)  
    ├── ClearAccept.class.php  
    └── constants.php
```

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```
├── EnableApplePayFacade.class.php
├── payment_form.php
├── settings_fields.php
├── wc_clearaccept_applepay_gateway.php
├── wc_clearaccept_gateway.php
└── woocommerce-gateway-clearaccept-payments.php
```

1.8 CORE COMPONENTS

1. `woocommerce-gateway-clearaccept-payments.php`: Main plugin file that initializes the plugin and declares WooCommerce compatibility
2. `ClearAccept.class.php`: Core payment processing logic and API interactions with ClearAccept services
3. `wc_clearaccept_gateway.php`: WooCommerce payment gateway integration for standard card payments
4. `wc_clearaccept_applepay_gateway.php`: WooCommerce payment gateway integration for Apple Pay
5. `EnableApplePayFacade.class.php`: Helper class for Apple Pay configuration and setup
6. `settings_fields.php`: Admin configuration options for the payment gateway
7. `payment_form.php`: Payment form template used in the checkout process

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1.9 APPENDIX

1.9.1 Bug fixes

1. Fixed rounding issues that could cause payment amount discrepancies (#128310)
2. Resolved "Missing perm token error" that occasionally prevented successful transactions (#126262)
3. Fixed error handling during refund processing when communication with ClearAccept fails (#128797)
4. Corrected validation errors preventing payments when certain customer fields (e.g., phone number) were improperly formatted (#124984)
5. Fixed Field Token requirement error during checkout (#126261)
6. Resolved partial refund processing issues (#124992)
7. Addressed checkout display issues in test environments (#127119)
8. Fixed payment data issues for non-logged in customers (#128645, #128642)
9. Corrected 3D Secure popup being blocked by the main page (#128312)
10. Fixed issues with declined payments generating incorrect customer emails (#120002)

1.9.2 Security enhancements

1. Implemented proper escaping to prevent XSS vulnerabilities (PRs #5860, #5858)
2. Added additional validation and sanitization to payment form inputs
3. Enhanced security of payment request handling

1.9.3 Technical improvements

1. Improved compatibility with PHP 8.0 and above
2. Code refactoring for better performance and maintainability
3. Better error handling and logging throughout the payment flow
4. Improved JavaScript handling and event management

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