Windcave Drupal Commerce 2.x Module

Version 2.0

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Document Revision Information and Amendments

All amendments are to be identified and the manual updated, noting the amendment on this amendment page.

Version	Date	Section	Revision Information	Amended by
0.1	2021/01/12	All	Initial Draft	KH
0.2	2021/01/12	2	Updated Oxipay to Humm	KH
1.0	2021/07/06	All	Release version	KH
1.1	2024/08/28	All	Re-format / Update API URL / Update 3DS	NW
2.0	2025/01/24	All	Updated for Drupal 10	KH

Related Documents

Document title	Link/Location

Contents

1 Overview

1.1 Introduction

The Windcave Drupal Commerce 2.x Module enables merchants with a Drupal 8, 9, or 10 store to accept payments securely via the Windcave payment gateway.

1.2 Features

The Windcave module utilizes a secure Gateway Hosted Payment Page integration method (redirection & iframe) and supports the below transaction types:

- Purchase
- Authorization
- Refund (partial or full refund)
- Complete (full complete)
- Void

Multiple supported Payment Methods:

- Account2Account
- Alipay
- Apple Pay
- Card
- Google Pay
- Interac
- Humm
- PayPal
- Visa Checkout
- Union Pay
- WeChat Pay

Additional features supported by the Windcave module:

- 3D Secure (where supported by acquirer)
- Token creation, storage and re-billing
- Fail Proof Result Notification
- Risk Management
- Address Verification System (AVS)

The below transaction result fields are saved in the merchant's web site for reference:

- Auth Code
- Cvc2 result
- ReCo (response code) and Response text
- AVS Result and Action
- Risk Management Summary and Action

If you have any questions about supported features, please contact the Windcave Sales team at sales@windcave.com.

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1.3   Getting Started

To begin using the Windcave Drupal Commerce 2.x Module you will need to meet the below requirements:

1.3.1   Drupal Version

A Drupal version 8, 9, or 10 store. For other Drupal versions please refer to Windcave's other Drupal modules.

1.3.2   Drupal Commerce

Drupal Commerce 2.x module.

1.3.3   Windcave Account

A live or test Windcave account is required to utilize the Windcave Drupal Commerce 2.x module. To setup a new account contact the sales team for a quote - https://www.windcave.com/contact-us.

Merchants with an existing account, visit https://sec.windcave.com/pxmi3/logon and sign in using your Payline credentials. Once signed in select the **User Accounts → My User** screen. Your username and Restful API Key will be displayed.

2 Installation & Configuration
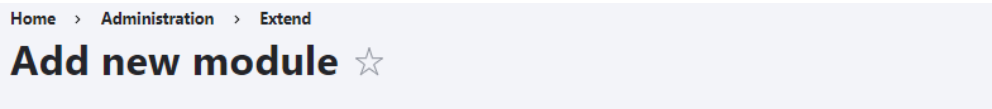
2.1 Installation

1. Download the module archive file from the [Windcave website](#)
2. Log in to your Drupal portal using your admin credentials
3. From the navigation menu at the top of the page, navigate to **Extend**

4. Select the **+ Add new Module** button

5. Using the upload function browse to the commerce_windcave zip file downloaded in step 1
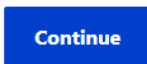
6. From the **Extend** page type "Windcave" into the filter search box

7. Select the tick box next to the Commerce Windcave module then select the **Install** button

8. Proceed to configuration.

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2.2   Configuration

1. Log in to your Drupal admin portal using your admin credentials.
2. From the navigation menu navigate to **Commerce -> Configuration -> Payment -> Payment gateways.**
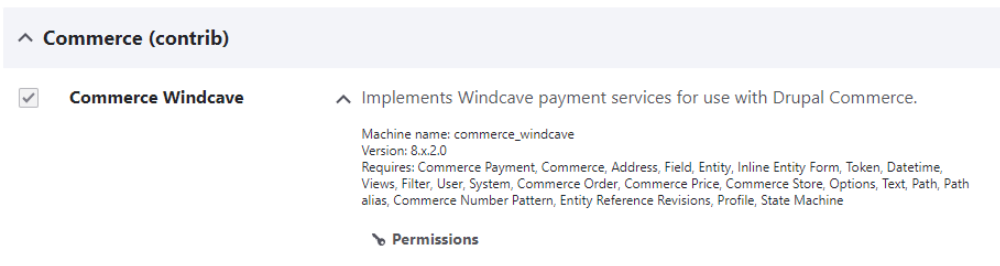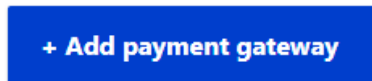
Home > Administration > Commerce > Configuration

Payment gateways ☆

3. Select the **Add payment gateway** button.

+ Add payment gateway

4. Configure your Windcave account settings and preferences:

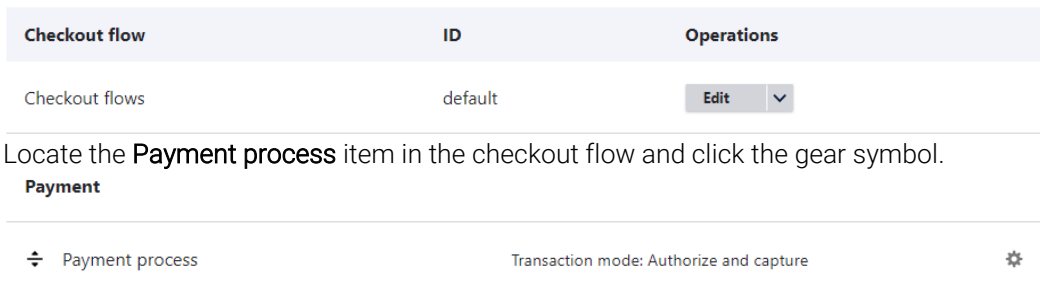| Setting	Description
Name	Display name for payment gateway configuration
Plugin	Plugin integration type, should be set to Windcave HPP to utilize the Windcave Hosted Payment Page
Display name	Name to be displayed to cardholder when selecting payment method
API url	The root URL of the Windcave Restful API, this should be set to: https://sec.windcave.com/api/v1
API username	Windcave Restful API username
API key	Windcave Restful API key
Display as popup	Sets if payment window should be displayed as iFrame (Enabled) or redirection (Disabled)
Popup height	Sets height of the popup iFrame payment window
Popup width	Sets width of the popup iFrame payment window
Enable saving cards	If enabled the card holder will be able to save cards and pay using a saved card
Payment options	Allows the merchant to filter enabled payment options on the Hosted Payment Page Note: Payment options selected must be configured at Windcave on your merchant account to function
Conditions	Conditions that control when payment gateway option is made available to customer, by default no restrictions are applied
Status	Enables or Disables module

5. Once all settings and preferences have been updated click the **Save** button

Save

6. To configure the module for Purchase or Auth payment types navigate to **Commerce -> Configuration -> Orders -> Checkout flows.**
   Select **Edit** on the checkout flow.

Checkout flow	ID	Operations
Checkout flows	default	Edit ▾

Locate the **Payment process** item in the checkout flow and click the gear symbol.

Payment

⇕ Payment process   Transaction mode: Authorize and capture   ⚙

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Select your chosen transaction mode (Authorize and capture = Purchase, Authorize only = Auth/Complete) and press **Update**.

Transaction mode should be configured for all applicable checkout flows.
After updating select the **Save** button at the bottom of the page.

3 Using the Module

3.1 Cardholders

Customers can choose to pay using the Windcave module when they proceed through the checkout. Depending on the merchant's Windcave module configuration a "Purchase" or "Authorisation" will be initiated.

During checkout if **Enable saving cards** module setting is enabled customers may opt to save the payment card for future payments by checking the "Save card for future purchases" checkbox. Alternatively, if the customer already has a saved card this may be selected to process the payment.

Customers can view or delete saved cards by navigating to **My account -> Windcave Saved Cards** once signed into the merchant website.

3.2 Merchants

3.2.1 Processing a Refund

Within the Drupal Commerce admin area merchants can process refunds for orders processed through the Windcave module. To do so merchants simply navigate to the **Commerce -> Orders** page and select the order they wish to refund.

☐	63	06/01/2025 - 12:39	NZ Store	JohnS John.Smith@example.com	Completed	NZ$3.00	View ⌄

Selecting the **Payments** tab in the order will reveal the payment details processed through the Windcave module. Merchants can then press the **Refund** button to start the refund process.

Home > Administration > Commerce > Orders > Order 63

Payments ☆

| View | Edit | Windcave transactions | **Payments** |

+ Add payment

Payment	State	Payment gateway	Authorized	Completed	Remote ID	Operations
NZ$3.00 Refunded: NZ$0.00	Completed	WindcaveUAT	06/01/2025 - 12:39	06/01/2025 - 12:51	0000000400cffee5	Refund

Then enter the amount they would like to refund (this can be a partial refund or full refund; merchants can refund multiple times up to the total transaction amount) and press the **Refund** button.

Amount *

| 3.00 | NZD |

Format: 9.99

Refund | Cancel

The result of the refund transaction will be displayed in the **Windcave transactions** tab of the order.

Home > Administration > Commerce > Orders > Order 63

Windcave transactions ☆

| View | Edit | **Windcave transactions** | Payments |

Date	Transaction type	Transaction ID	Payment method	Amount	Status	Operations
06/01/2025 - 12:56	refund	0000000400cfff08	card	3.00	approved	View
06/01/2025 - 12:51	complete	0000000400cffee5	card	3.00	approved	View
06/01/2025 - 12:39	auth	0000000400cffe96	card	3.00	approved	View

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3.2.2 Completing an Order

Within the Drupal Commerce admin area merchants can complete orders for Auth type transactions processed through the Windcave module. To do so merchants simply navigate to the **Commerce -> Orders** page and select the order they would like to complete.

☐	62	06/01/2025 - 12:35	NZ Store	JohnS John.Smith@example.com	Completed	NZ$1,500.00	View	⌄

Selecting the **Payments** tab in the order will reveal the payment details processed through the Windcave module. Merchants can then press the **Capture** button to start the completion process.

Payments ☆

View	Edit	Windcave transactions	**Payments**

+ Add payment

Payment	State	Payment gateway	Authorized	Completed	Remote ID	Operations
NZ$1,500.00 Refunded: NZ$0.00	Authorization	WindcaveUAT	06/01/2025 - 12:35		0000000400cffe7c	Capture ⌄

Drupal will prompt the merchant to confirm they would like to complete the transaction.

Are you sure you want to capture the *1500 NZD* payment? ☆

This action cannot be undone.

Capture   Cancel

The result of the complete transaction will be displayed in the **Windcave transactions** tab of the order.

Windcave transactions ☆

View	Edit	**Windcave transactions**	Payments

Date	Transaction type	Transaction ID	Payment method	Amount	Status	Operations
06/01/2025 - 12:59	complete	0000000400cfff21	card	1500.00	approved	View
06/01/2025 - 12:35	auth	0000000400cffe7c	card	1500.00	approved	View

3.2.3 Processing Voids

Within the Drupal Commerce admin area merchants can initiate a void for orders where an Auth type transaction was processed through the Windcave module. To do so merchants simply navigate to the **Commerce -> Orders** page and select the order to be voided.

	64	06/01/2025 - 12:39	NZ Store	JohnS John.Smith@example.com	Completed	NZ$1.99	View ∨

Selecting the **Payments** tab in the order will reveal the payment details processed through the Windcave module. Merchants can then press the **Void** button from the drop-down menu to start the void process.

Home › Administration › Commerce › Orders › Order 64

Payments ☆

View	Edit	Windcave transactions	**Payments**

+ Add payment

Payment	State	Payment gateway	Authorized	Completed	Remote ID	Operations
NZ$1.99 Refunded: NZ$0.00	Authorization	WindcaveUAT	06/01/2025 - 12:39		0000000400cffe99	Capture ∧ Void

Drupal will prompt the merchant to confirm they would like to void the transaction.

Home › Administration › Commerce › Orders › Order 64 › Payments

Are you sure you want to void the *1.99 NZD* payment? ☆

This action cannot be undone.

Void   **Cancel**

The result of the void transaction will be displayed in the **Windcave transactions** tab of the order.

Home › Administration › Commerce › Orders › Order 64

Windcave transactions ☆

View	Edit	**Windcave transactions**	Payments

Date	Transaction type	Transaction ID	Payment method	Amount	Status	Operations
06/01/2025 - 13:03	void	0000000400cfff4f	card	1.99	approved	View
06/01/2025 - 12:39	auth	0000000400cffe99	card	1.99	approved	View

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3.2.4 Viewing Transaction Details

Additional transaction response details like CVC Result, Response Code, Response Text, Risk details and Auth code are saved in the merchants' website under the **Windcave transactions** tab of each order.