

USER GUIDE

Braintree Payment Gateway Integration

Odoo v14 Enterprise Edition



SERPENT
CONSULTING SERVICES PVT. LTD.

Purchase the Module on App Store

Check Out

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Introduction

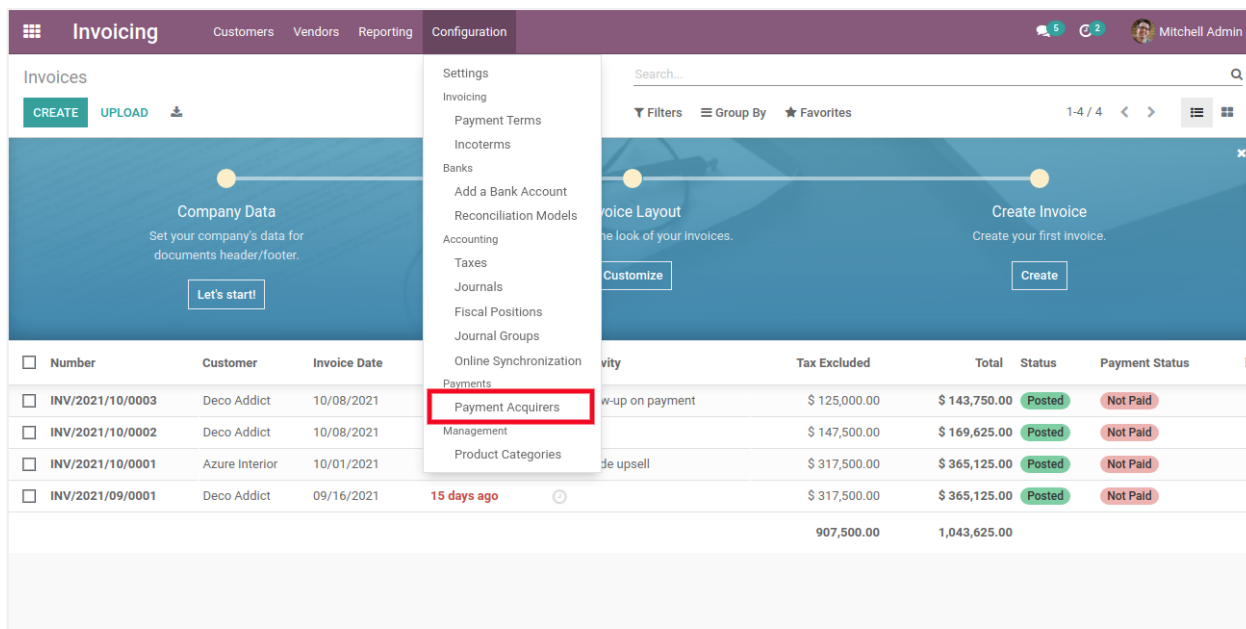
Braintree provides clients with a merchant account and a payment gateway. The company is currently working under PayPal. Currently, Braintree processes payments in 45 countries and regions.

Our module for Braintree Odoo integration will help you to easily set up and take payment from users using the Web portal (E-Commerce) and Odoo backend using multicurrency.

Configuration

→ Once the module is installed inside the module then it will be displayed under the Payment Acquirers.

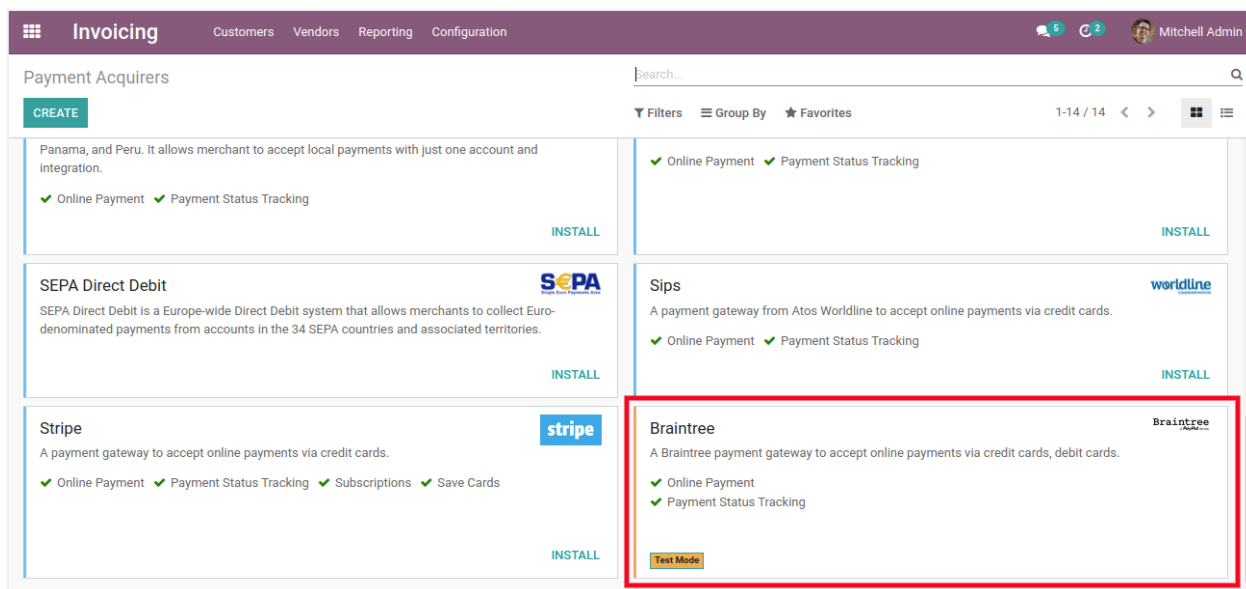
→ Go to Accounting module → Configuration → Payments → Payment Acquirers.



The screenshot shows the 'Invoicing' module's 'Configuration' menu. The 'Payment Acquirers' option is highlighted with a red box. The menu includes options like Settings, Invoicing, Payment Terms, Incoterms, Banks, Add a Bank Account, Reconciliation Models, Accounting, Taxes, Journals, Fiscal Positions, Journal Groups, Online Synchronization, Payments, and Product Categories. The 'Payments' section is expanded, showing a list of payment methods with columns for Number, Customer, Invoice Date, Tax Excluded, Total, Status, and Payment Status.

Number	Customer	Invoice Date	Tax Excluded	Total	Status	Payment Status
INV/2021/10/0003	Deco Addict	10/08/2021	\$ 125,000.00	\$ 143,750.00	Posted	Not Paid
INV/2021/10/0002	Deco Addict	10/08/2021	\$ 147,500.00	\$ 169,625.00	Posted	Not Paid
INV/2021/10/0001	Azure Interior	10/01/2021	\$ 317,500.00	\$ 365,125.00	Posted	Not Paid
INV/2021/09/0001	Deco Addict	09/16/2021	\$ 317,500.00	\$ 365,125.00	Posted	Not Paid
			907,500.00	1,043,625.00		

→ Inside payment acquirers, there will be multiple acquirers added that need to be configured. The module which is already installed is available for the configuration.



The screenshot shows the 'Payment Acquirers' module. It lists several payment gateway options with their features and an 'INSTALL' button. The 'Braintree' option is highlighted with a red box. The options include Panama, SEPA Direct Debit, Stripe, and Braintree. Each option shows its features and a status indicator (e.g., 'Online Payment', 'Payment Status Tracking').

Payment Gateway	Features	Status
Panama, and Peru	Online Payment, Payment Status Tracking	INSTALL
SEPA Direct Debit	Online Payment, Payment Status Tracking	INSTALL
Stripe	Online Payment, Payment Status Tracking, Subscriptions, Save Cards	INSTALL
Braintree	Online Payment, Payment Status Tracking	INSTALL

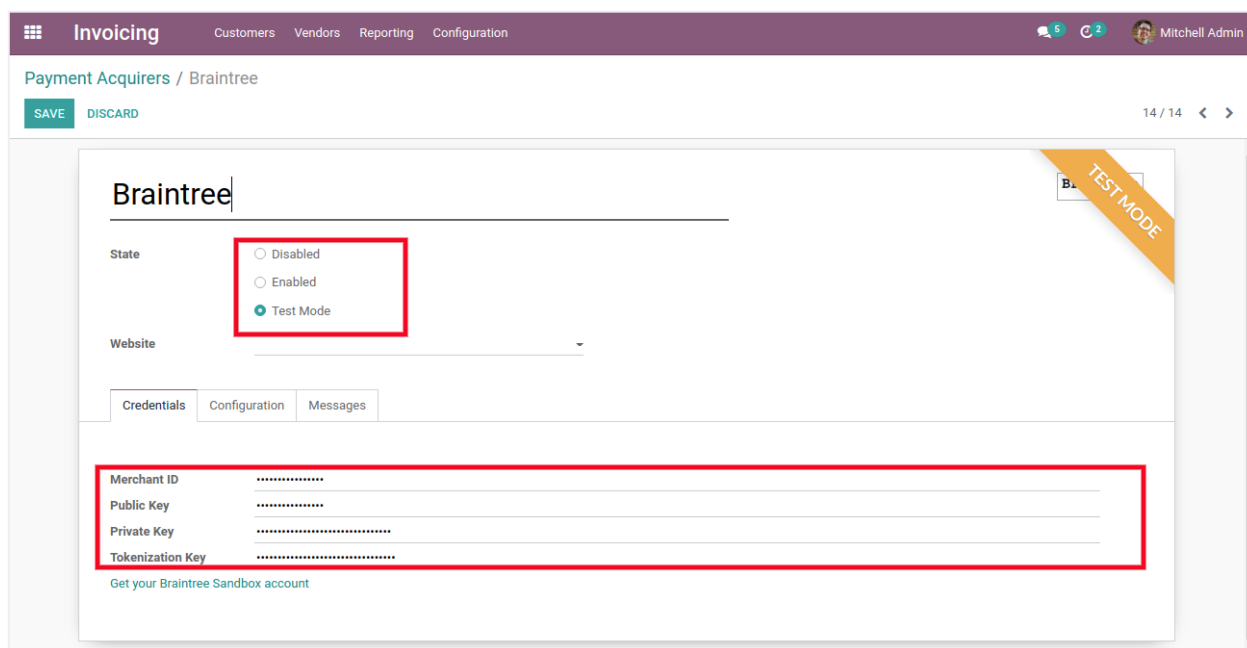
→ Open Braintree → Click on Edit here there are three options for the State menu and Website to be selected.

State:

- 1) Disabled:
If you do not wish to display/accept the payment method on the website and backend then you can keep it is disabled.
- 2) Enabled:
If the development and testing are okay then before going live you need to enable this payment state.
- 3) Test Mode:
If there is a development or testing is going on at that time this state is set so that we can check if the whole flow is working without error or not.

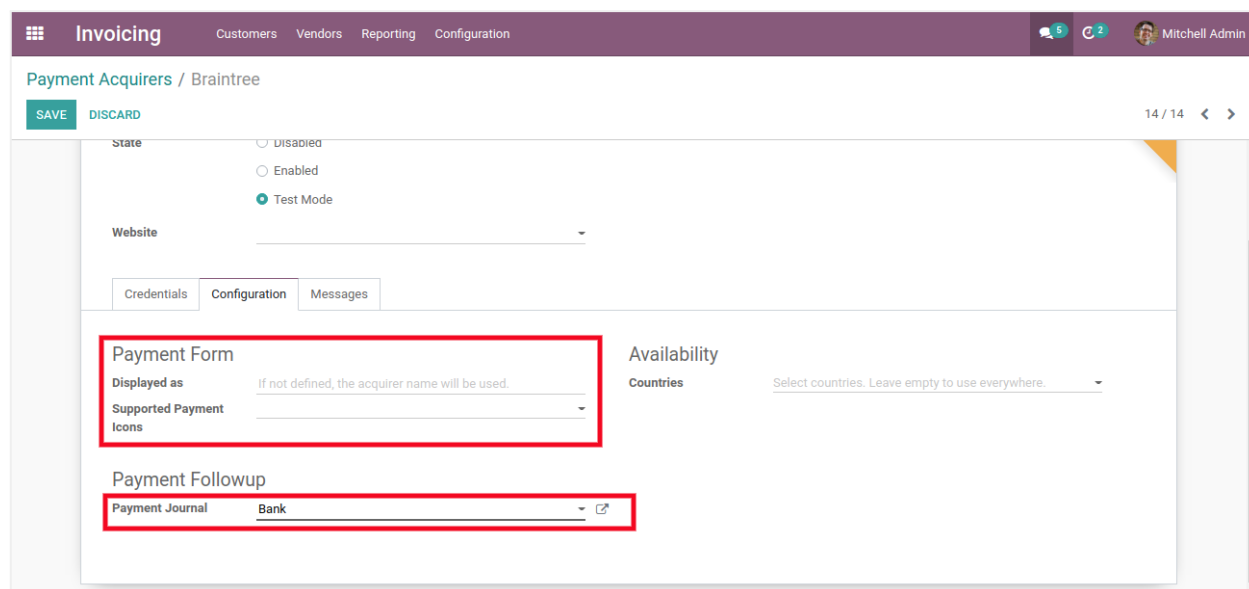
Website:

Accounting Admin needs to select on which website the payment method is to be displayed.
(Note: If nothing is selected then it will work on all websites in case of multi-website scenario)



When you create your account for Braintree payment, these details will be provided from the Service provider end that needs to be put in Odoo payment methods.

- 1) Merchant ID
- 2) Public Key
- 3) Private Key
- 4) Tokenization Key



Payment Form:

- 1) Displayed As: on the website side what will be the display on the payment form, is set here.
- 2) Supported Payment icons: Which payment icons are to be displayed in cards sections.

Availability:

In which country the payment will be applied can also be selected.

Payment Followup:

In which journal the payment entry will be done, that can be selected.
Only Bank and cash journals are to be selected here.

Invoicing

Customers

Vendors

Reporting

Configuration

5

2

Mitchell Admin

Payment Acquirers / Braintree

EDIT

CREATE

Action

14 / 14 < >

Braintree

State

Test Mode

Website

Credentials

Configuration

Messages

Help Message

Pending Message

Done Message

Cancel Message

You will be redirected to the Braintree website after clicking on the payment button.

Your payment has been successfully processed but is waiting for approval.

Your payment has been successfully processed. Thank you!

Your payment has been cancelled.

TEST MODE

The message to be displayed based on the response coming from the payment gateway will be added here. That can be shown at the payment end or sales order.

←

Team

API

Fraud Management

Processing

Business

OAuth

Purge Test Data

SANDBOX MODE

?

H

Keys

Webhooks

Security

Sandbox API Keys

Manage the ways you authorize requests to Braintree: API keys for server requests, Tokenization keys for client requests, and Client-Side Encryption Keys for client-side encryption.

API Keys

Server use only, should not be shared.

Public Key	Private Key	Last Used On	Actions
	View	10/04/2021	Delete

+ Generate New API Key

Tokenization Keys

For use in Braintree SDKs

Key	Label	Last Used On	Status	Actions
		2021-10-04	Active	Edit

+ Generate New Tokenization Key

Client-Side Encryption Keys

For use in client SDKs prior to Braintree SDKs

Environment:

sandbox

Merchant ID:

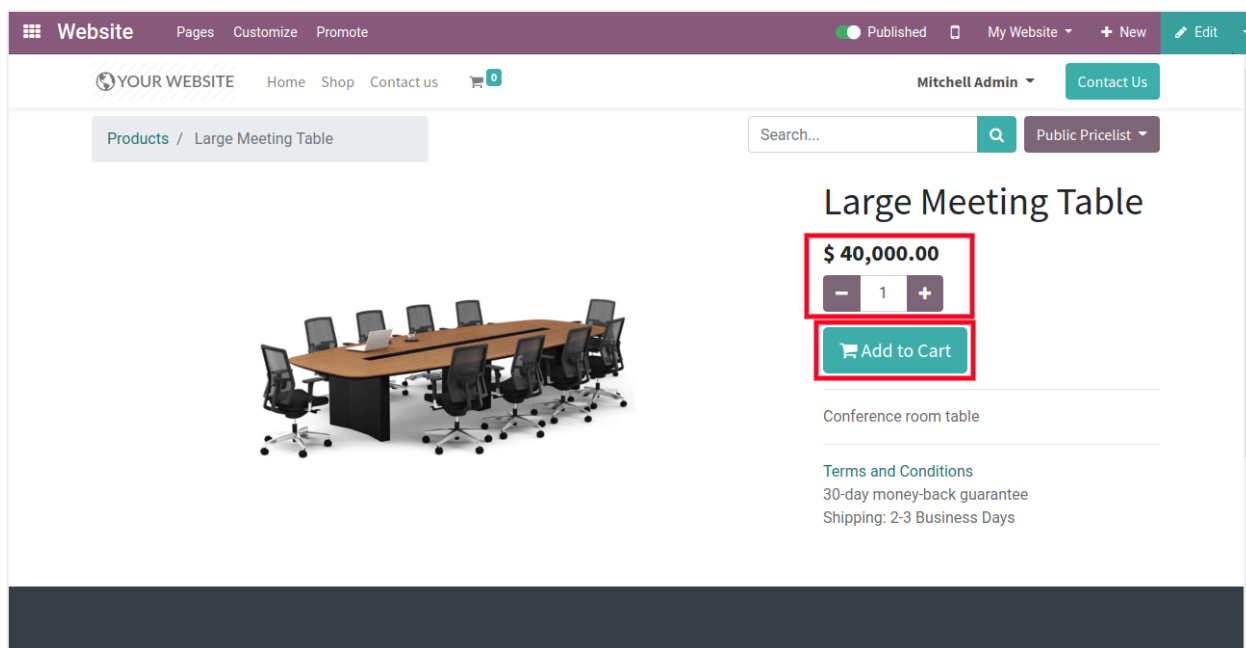
CSE Key:

Never Used

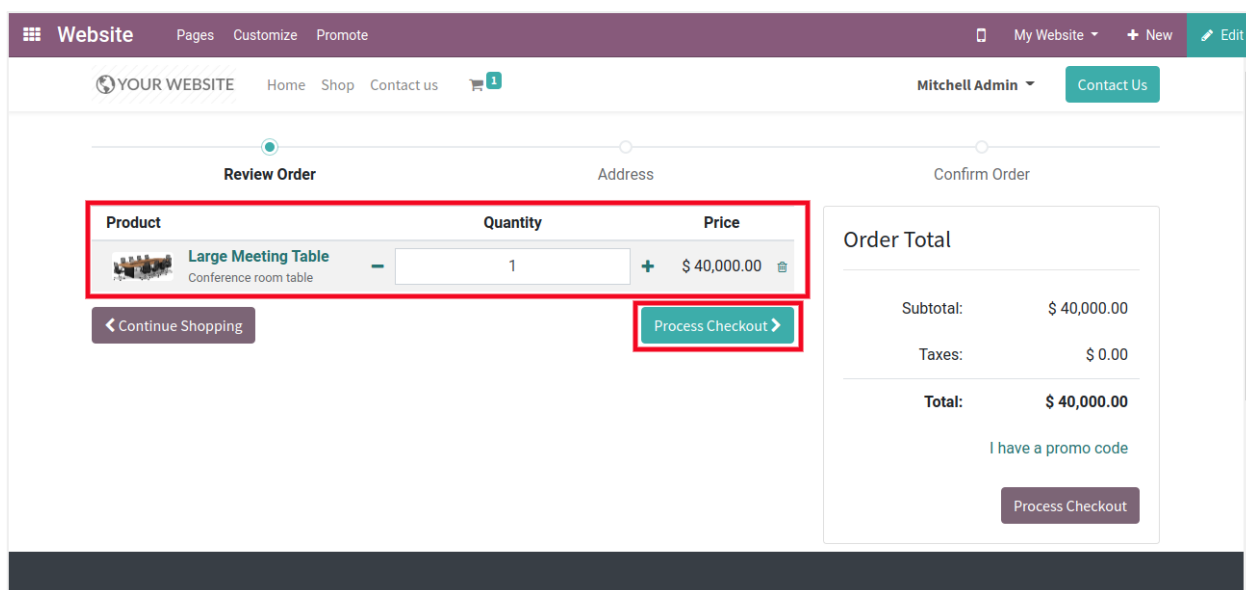
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Inside the Braintree PayPal payment portal, users will be → Go to Account → Sandbox API Keys → Here all the details are available that need to be added in the Odoo backend for configuration.

Website Payment



From the website, users will be adding products to the cart for shopping.



Once the products are added to the cart we can go to the check-out option. From this user will click on the Process Checkout button and it will be sent for Address and payment options.

Website Pages Customize Promote My Website + New Edit

YOUR WEBSITE Home Shop Contact us Mitchell Admin Contact Us

Review Order **Address** **Confirm Order**

Billing & Shipping: 215 Vine St, Scranton PA 18503, United States [Edit](#)

Pay with

☐ Wire Transfer

☒ Braintree **Test Mode**

You will be redirected to the Braintree website after clicking on the payment button.

[Return to Cart](#) [Pay Now](#)

Product	Quantity	Price
Large Meeting Table	1.0	\$ 40,000.00
Subtotal:		\$ 40,000.00
Taxes:		\$ 0.00
Total:		\$ 40,000.00

[I have a promo code](#)

After adding the shipping and billing address, he will be displayed the payment options. Users can view the Braintree method (currently we are using a test account that is why it shows Test mode).

After selecting the Braintree method click on the “Pay Now” button. It will show a Pop-Up window for the payment details.

Website Pages Customize Promote My Website + New Edit

YOUR WEBSITE Home Shop Contact us Mitchell Admin Contact Us

Review Order **Address** **Confirm Order**

Billing & Shipping: 215 Vine St, Scranton PA 18503, United States [Edit](#)

Pay with

☐ Wire Transfer

☒ Braintree **Test Mode**

You will be redirected to the Braintree website after clicking on the payment button.

[Return to Cart](#) [Pay Now](#)

Product	Quantity	Price
Large Meeting Table	1.0	\$ 40,000.00
Subtotal:		\$ 40,000.00
Taxes:		\$ 0.00
Total:		\$ 40,000.00

[I have a promo code](#)

Braintree

Pay with card

Card Number

**** * * * *

Expiration Date (MM/YY)

MM/YY

[Pay Now](#)

In this window, the user will add the details of the card and expiry date. Once the details are added the user will have to click on the “Pay Now” button.

Website

Pages Customize Promote

My Website + New Edit

YOUR WEBSITE

Home Shop Contact us

Mitchell Admin Contact Us

Order S00038 Confirmed

Thank you for your order. [Print](#)

Payment Information:

Braintree

Total: \$ 40,000.00

Your payment has been successfully processed. Thank you!

Billing & Shipping: 215 Vine St, Scranton PA 18503, United States

Product	Quantity	Price
Large Meeting Table	1.0	\$ 40,000.00
Subtotal:		\$ 40,000.00
Taxes:		\$ 0.00
Total:		\$ 40,000.00

Useful Links

[Home](#)
[About us](#)
[Products](#)

About us

We are a team of passionate people whose goal is to improve everyone's life through disruptive products. We build great products to solve your business problems.

Connect with us

[Contact us](#)
info@yourcompany.example.com
[+1 \(650\) 555-0111](tel:+16505550111)

After successful completion of payment, the user will be shown this screen with payment confirmation.

Website

Dashboard Orders Products Visitors Reporting Configuration

5 2 Mitchell Admin

Orders / S00038

EDIT CREATE

Print Action

1 / 6

OdooBot

- a minute ago

Hello,

Your order S00038 amounting in \$ 40,000.00 has been confirmed.

Thank you for your trust!

Do not hesitate to contact us if you have any questions.

Products	Quantity	VAT Excl.
Large Meeting Table	1.0	\$ 40,000.00
SubTotal:		\$ 40,000.00
Taxes:		\$ 0.00
Total:		\$ 40,000.00

Bill to: 215 Vine St Scranton Pennsylvania 18503 United States

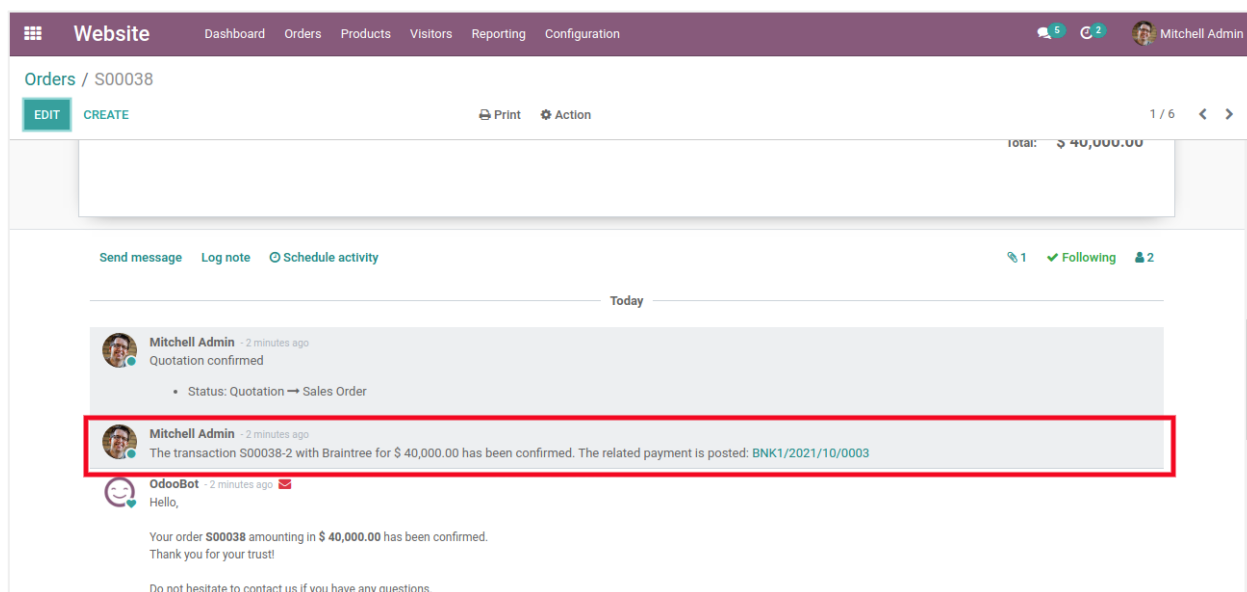
Payment Method: Braintree (\$ 40,000.00)

Ship to: 215 Vine St Scranton Pennsylvania 18503 United States

S00038.pdf

PDF

In the back end, On the order screen, it will display the payment method and details with products that will be sent to users on their mail after payment and after order placing.



It will also show the payment method and its entry as a log note generated as a log note for the same.

When the user opens the Braintree payment gateway using his/her login id and password. He will be shown all details with the status of the payment as shown in the below image.

B

[Home](#)
[Transactions](#)
[Disputes](#)
[Vault](#)
[Reports](#)
[Subscriptions](#)

SANDBOX MODE

Search

⚙️

?

H

Transactions

Payment Contexts

Transaction Detail For ID: jvq21252

Receipt

Clone

Refund

Transaction Information

Merchant

SerpentCS

Merchant Account

serpentcs

Transaction Type

sale

Amount

\$40,000.00 USD

Transaction Date

Oct 04 2021, 03:28 AM CDT

Order ID

S00038-2

Status

Settled

Settlement Batch

2021-10-04_serpentcs_d9c1xx6c

Processor Authorization Code

N487BJ

Basic Fraud Tools Information

AVS Response

Street Address not provided (I). Postal Code not provided (I).

CVV Response

Not provided (I).

Customer Information

Name

Mitchell Admin

Email

admin@yourcompany.example.com

Phone

+1 555-555-5555

Payment Information

Payment Type

Credit Card

Transaction Origin

E-Commerce

Card Type

MasterCard

Cardholder Name

Credit Card Number

222300*****0011

Expiration Date

09/2023

Country of Issuance

History

Timestamp	Status	Amount	User
10/04/2021 03:28:15 AM CDT	Authorized	\$40,000.00 USD	API: Hemangini123
10/04/2021 03:28:15 AM CDT	Submitted For Settlement	\$40,000.00 USD	API: Hemangini123
10/04/2021 04:13:45 AM CDT	Settled	\$40,000.00 USD	

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Sales order and Backend Payment

The same payment method can be used for receiving payment for the Odoo backend.

Sales

[Orders](#)
[To Invoice](#)
[Products](#)
[Reporting](#)
[Configuration](#)

5

2

Mitchell Admin

Sales Orders / S00039

EDIT

CREATE

Print

Action

29 / 29

CREATE INVOICE

SEND BY EMAIL

CANCEL

QUOTATION

QUOTATION SENT

SALES ORDER

Customer Preview

S00039

Customer

Azure Interior

4557 De Silva St

Fremont CA 94538

United States

Order Date

10/04/2021 14:29:51

Payment Terms

Immediate Payment

Invoice Address

Azure Interior

Delivery Address

Azure Interior

Quotation Template

Order Lines

Other Info

Product	Description	Quantity	Delivered	Invoiced	Unit Price	Taxes	Subtotal
[FURN_8220] Four Person Desk	[FURN_8220] Four Person Desk Four person modern office workstation	3.00	0.00	0.00	23,500.00		\$ 70,500.00

Untaxed Amount:

\$ 70,500.00

Taxes:

\$ 0.00

Total:

\$ 70,500.00

Send message

Log note

Schedule activity

0

Following

2

Today

Mitchell Admin

now

Quotation confirmed

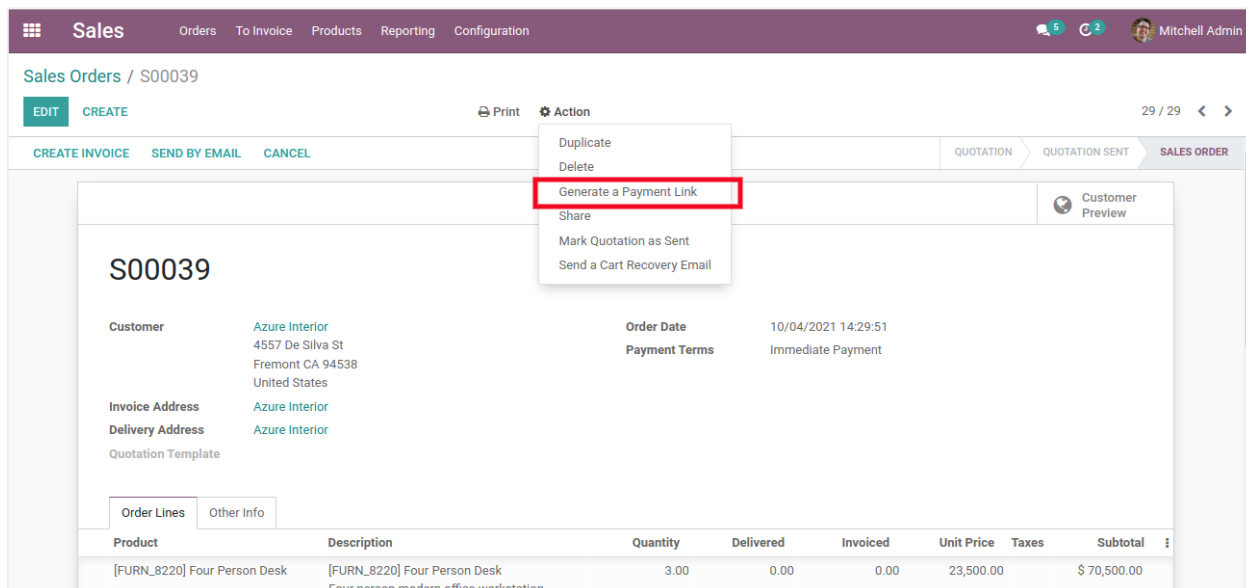
Status: Quotation → Sales Order

Mitchell Admin

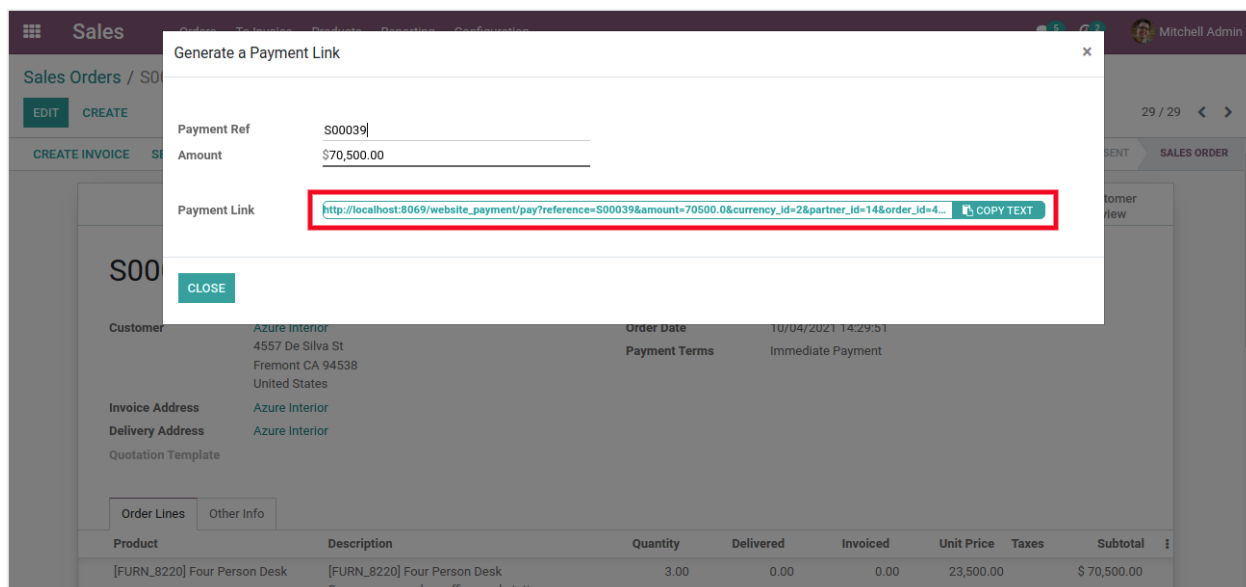
a minute ago

Sales Order created

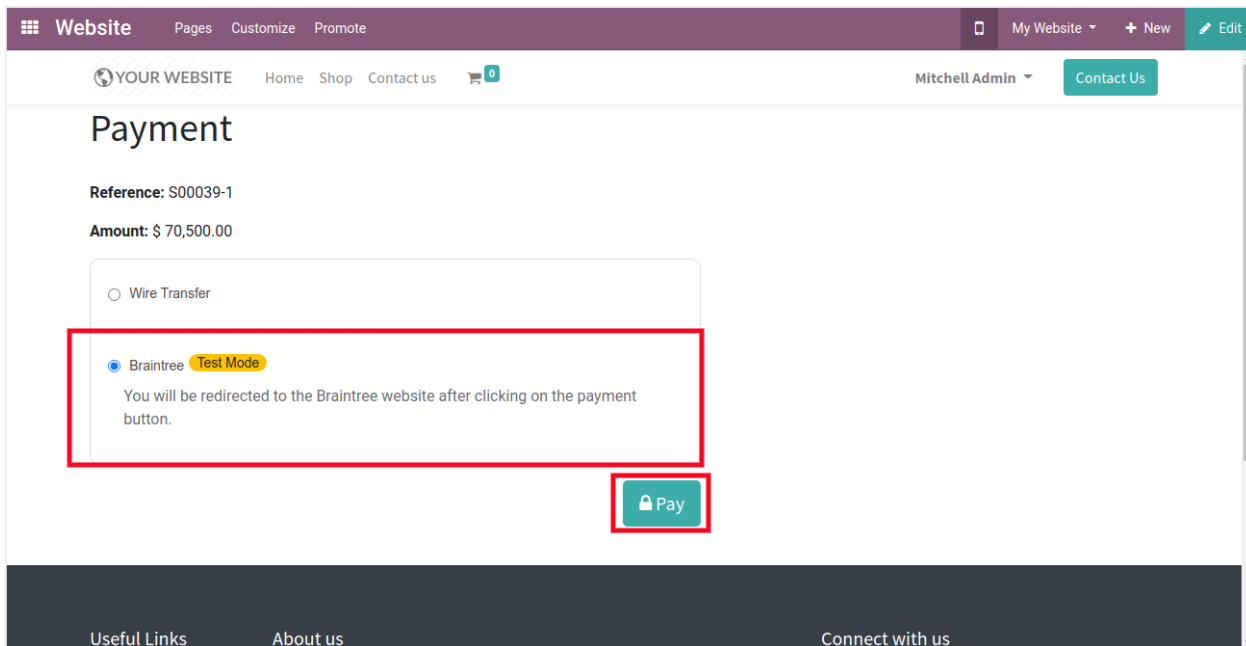
Once the order is confirmed there will be a menu of “Generate payment link” shown in the “Action” button.



When a user clicks on that button he will be shown a wizard for the payment link. The user needs to copy the link and share it with the customer to make a payment.



When the customer clicks or opens the payment link he will be displayed the page as shown on the below page from which he can select the payment method.



Website Pages Customize Promote My Website + New Edit

YOUR WEBSITE Home Shop Contact us Mitchell Admin Contact Us

Payment

Reference: S00039-1
Amount: \$ 70,500.00

☐ Wire Transfer

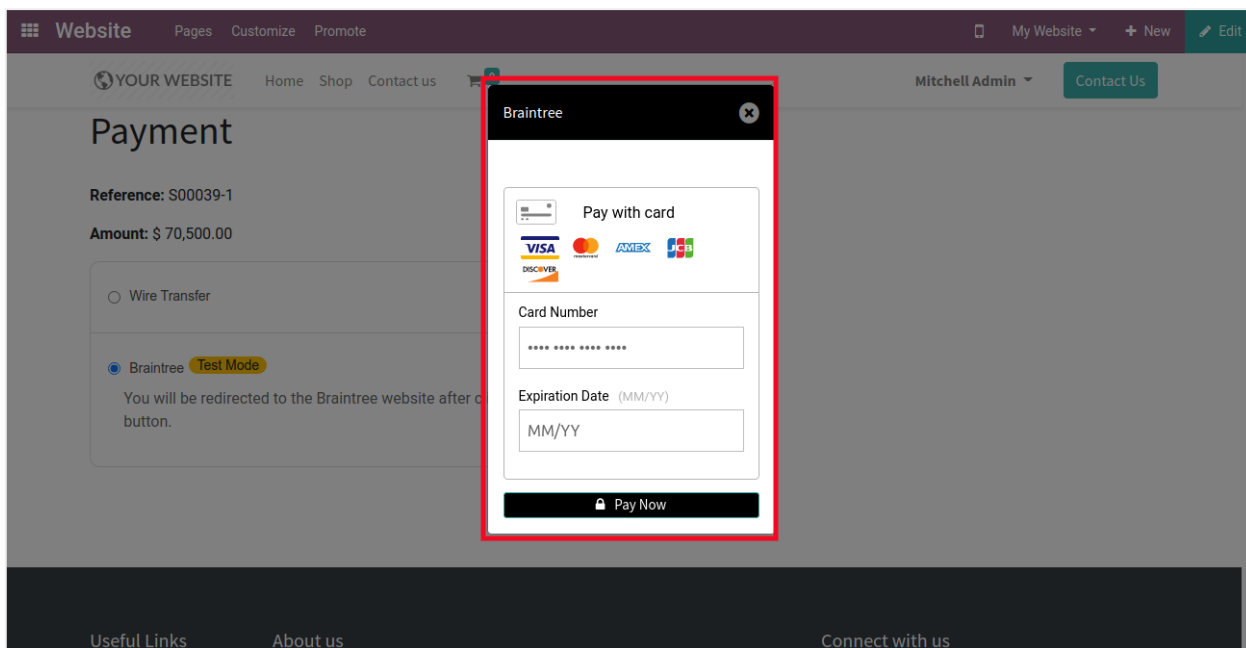
☒ Braintree **Test Mode**

You will be redirected to the Braintree website after clicking on the payment button.

Pay

Useful Links About us Connect with us

After selecting a payment method click on “Pay”.



Website Pages Customize Promote My Website + New Edit

YOUR WEBSITE Home Shop Contact us Mitchell Admin Contact Us

Payment

Reference: S00039-1
Amount: \$ 70,500.00

☐ Wire Transfer

☒ Braintree **Test Mode**

You will be redirected to the Braintree website after clicking on the payment button.

Braintree

Pay with card

VISA MASTERCARD AMEX DISCOVER

Card Number
.....

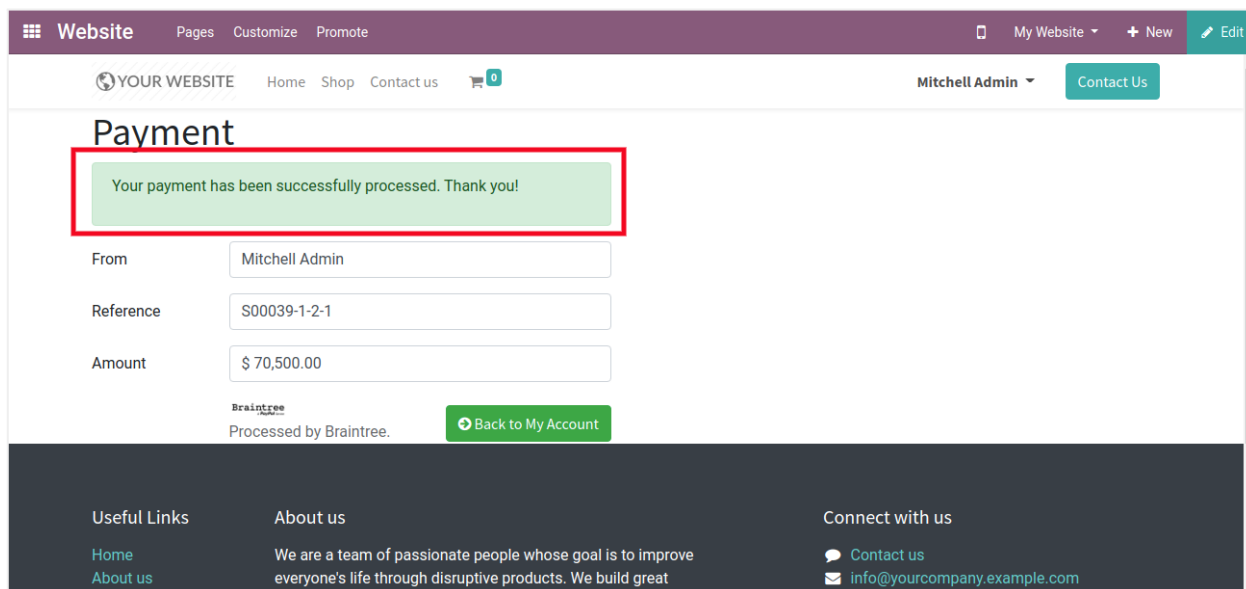
Expiration Date (MM/YY)
MM/YY

Pay Now

Useful Links About us Connect with us

A Pop-up Screen will be open for the user to pay the amount for the sales order. The user will add the details of payment and he will click on the “Pay Now” button.

Once the payment is done he will be redirected to the page shown below which will show Successful payment is generated.



Payment

Your payment has been successfully processed. Thank you!

From: Mitchell Admin

Reference: S00039-1-2-1

Amount: \$ 70,500.00

Braintree
Processed by Braintree.

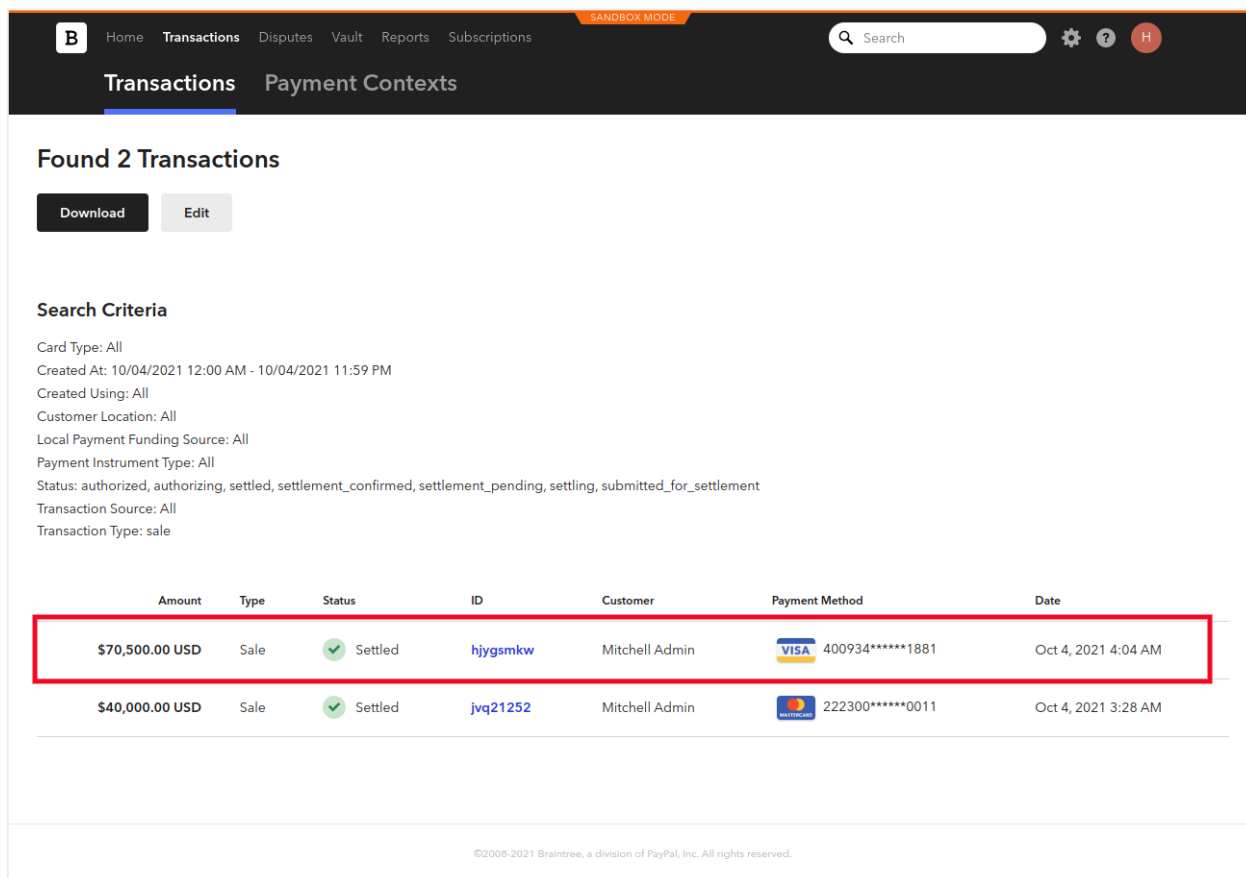
[Back to My Account](#)

Useful Links
[Home](#)
[About us](#)

About us
 We are a team of passionate people whose goal is to improve everyone's life through disruptive products. We build great

Connect with us
[Contact us](#)
info@yourcompany.example.com

When the user opens the Payment Gateway account using his Login id and password. He will be shown all order payment details.



The screenshot shows the Braintree Payment Gateway interface. The top navigation bar includes links for Home, Transactions, Disputes, Vault, Reports, and Subscriptions. The 'Transactions' tab is active. Below the navigation bar, there are tabs for 'Transactions' and 'Payment Contexts'. The main content area displays 'Found 2 Transactions' with 'Download' and 'Edit' buttons. A 'Search Criteria' section lists various filters. Below this is a table of transactions with columns: Amount, Type, Status, ID, Customer, Payment Method, and Date. The first transaction is highlighted with a red box.

Amount	Type	Status	ID	Customer	Payment Method	Date
\$70,500.00 USD	Sale	✓ Settled	hjygsmlw	Mitchell Admin	VISA 400934*****1881	Oct 4, 2021 4:04 AM
\$40,000.00 USD	Sale	✓ Settled	jvq21252	Mitchell Admin	MAYACARD 222300*****0011	Oct 4, 2021 3:28 AM

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On clicking the particular ID he will be shown details of payment with order details amount and Status of payment as shown below.

B

[Home](#)
[Transactions](#)
[Disputes](#)
[Vault](#)
[Reports](#)
[Subscriptions](#)

SANDBOX MODE

Search

⚙️

?

H

Transactions

Payment Contexts

Transaction Detail For ID: hjygsmlkw

Receipt

Clone

Refund

Transaction Information

Merchant	SerpentCS
Merchant Account	serpentcs
Transaction Type	sale
Amount	\$70,500.00 USD
Transaction Date	Oct 04 2021, 04:04 AM CDT
Order ID	S00039-1-2-1
Status	Settled
Settlement Batch	2021-10-04_serpentcs_d9c1xx6c
Processor Authorization Code	KC6G7R

Basic Fraud Tools Information

AVS Response	Street Address not provided (I). Postal Code not provided (I).
CVV Response	Not provided (I).

Customer Information

Name	Mitchell Admin
Email	admin@yourcompany.example.com
Phone	+1 555-555-5555

Payment Information

Payment Type	Credit Card
Transaction Origin	E-Commerce
Card Type	Visa
Cardholder Name	
Credit Card Number	400934*****1881
Expiration Date	07/2022
Country of Issuance	

History

Timestamp	Status	Amount	User
10/04/2021 04:04:27 AM CDT	Authorized	\$70,500.00 USD	API: Hemangini123
10/04/2021 04:04:27 AM CDT	Submitted For Settlement	\$70,500.00 USD	API: Hemangini123
10/04/2021 04:13:45 AM CDT	Settled	\$70,500.00 USD	

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Get in touch

We'd love to hear from you!

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+91-90-3347-2982 | +91-98-7935-4457

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contact@serpentcs.com

WEBSITE

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Channel

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Store

Explore

Connect to us on
Linked In

Follow

Our Global Presence



USA



UAE



Australia



Oman



Mauritius



Sudan



UK



Nigeria