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Revision # **1**

Related Docs: **None**

Description of Requested Feature

Title: Integration with Authorize.net

Applicability: Sales Order, Customer invoices, refunds and payments

Requirement: Install the payment_authorize and accounting modules.

Proposed scope and plan

1. Use customer credit cards to process payments and refunds using Authorize.net web services. Credit cards information are not stored in Odoo to remain compliant with PCI-DSS.

Sketch / Schema of the Process

Configuration:

1. Go to Accounting / Configuration / Payments / Payment Acquirers
2. Configure Authorize.net payment acquirer with ECS credentials

On the customer:

1. Go to the 'Sales & Purchases' tab
2. Click on 'X credit cards' and 'Create'
3. Click on 'Create Payment Profile' to open the popup window
4. Enter the credit card info
5. Click on "Create Payment Profile" to send the credit card info to payment acquirer
6. Upon successful processing, the payment data field are stored in Odoo.
 - a. Otherwise the payment acquirer error is displayed.
7. Click on Save

On the Sales Order:

1. For a credit card payment, the Billing User can choose the payment data to charge among the list of the customer payment data. List of payment data is filtered with the customer. Payment data field is displayed only if the payment method is 'Credit Card'.

On the customer invoice:

1. The customer payment method is one of 'Wire transfer', 'Check' or 'Credit Card' and populated by the payment method value set on the Sales Order.
2. The payment data is also populated by the payment data set on the Sales Order. The list is filtered with the customer.



3. The Billing User can change the customer payment method and the payment data based on a conversation with the customer (phone or email)
4. The Billing User validates the invoice

On the customer payment:

1. If the customer payment method is 'Credit Card', the payment data field is displayed and populated by the customer invoice. The list of payment data is filtered with the customer.
2. The Billing User selects the payment method (where the money will go: credit card or bank account)
3. The Billing User validates the payment.
4. Upon approval by the payment acquirer, the payment is automatically validated in Odoo.
 - a. Otherwise the payment acquirer error is displayed to the Billing User in a popup window and the payment remains in draft.

Expected Results / Derived Outputs

1. Payment Data

Create Payment Profile

Name

Partner 

Active

Acquirer Account 

Acquirer Ref.

2. Payment Profile

Payment Profile x

Payment Acquirer:

Credit Card Type: Credit Card Number:

Expiration Date MM: Expiration Date YYYY:

Card Code Verification: Description:

3. Sales Order



New

Customer

Order Date

Expiration Date

Payment Term

Delivery Method

ORDER LINES OTHER INFORMATION

Shipping Information

Warehouse

Incoterms

Shipping Policy

Sales Information

Salesperson

Tags

Sales Team

Customer Reference

Invoicing

Fiscal Position

Reporting

Source Document

Payment Method

Payment Data

Is shipped

Is invoiced

4. Customer Invoice

Draft Invoice

Customer

Invoice Date

Payment Term

Salesperson

Payment Method

Sales Team

Payment Data

INVOICE LINES OTHER INFO

Product	Description	Account	Quantity	Unit Price	Taxes	Amount
Add an item						

Untaxed Amount : \$0.00

Tax : \$0.00

Total : \$0.00

5. Customer Payment

Payment Type Send Money
 Receive Money
 Internal Transfer

Payment Date

Memo

Customer

Customer Payment Method

Payment Data

Payment Method

Payment Amount



Test Scenario

1. Create CustomerA
2. Click on X Credit Card
3. Create a new Payment Data
4. Click on 'Create Payment Profile'
5. Enter the credit card info
6. Click on the button 'Create Payment Profile' to get the payment data from payment acquirer
7. Save the payment data
8. Create a quotation for CustomerA with 1 Product
9. Set the Payment Method to 'Credit Card'
10. Set the Payment Data by selecting the payment data of CustomerA
11. Validate the quotation and generate the invoice. Verify that the Payment Method and Payment Data got transferred correctly
12. Validate the invoice
13. Click on Register Payment. Verify that the Customer Payment Method and Payment Data got transferred correctly
14. Validate the Customer Payment to process the payment using the payment acquirer of the payment data (authorization and capture)
15. Customer Payment is done.

