User manual
Datatrans Payment Provider Plugin v16.0

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1. Introduction

The Datatrans payment provider plugin integrates seamlessly with your Odoo webshop, offering a streamlined solution for handling payments. As Switzerland's leading payment service provider, Datatrans supports a broad array of payment methods, ensuring flexibility and convenience for your customers.

2. Key Benefits

- **Easy Installation**: The plugin integrates smoothly into your Odoo webshop, enhancing its payment capabilities with minimal setup.

- **Redirect Mode**: Customers are directed to the secure Datatrans Payment Page, which handles all supported payment methods, simplifying the payment process.

- **Enhanced Payment Experience**: Fast, secure, and straightforward payments can lead to increased customer satisfaction and higher turnover.

3. Features

- **Basic Payment Transaction Workflow**: Handles standard payment transactions effectively.

- **Payment Method-Specific Configurations**: Customize settings for different payment methods according to your needs.

- **Customer Customization**: Tailor the payment experience to suit your customer preferences.

- **Supported Payment Methods**: Includes major cards like American Express, Diners, Discover, Mastercard, Visa, and PostFinance Card.

- **Easy Configuration**: Simple setup for additional payment methods supported by Datatrans.

- **Transparent Log History**: Maintains a clear and detailed record of transactions for better tracking and management.

- **Sale Order Payments**: Facilitates payments directly through sale orders.

- **Invoice Payments**: Supports payment processing for invoices.

- **Multi-Website Compatibility**: Works across multiple websites, making it versatile for businesses with various online presences.

4.   Screenshots

Screenshot 1: Datatrans Webadmin Tool - Merchant ID.

Datatrans Web Administration URL - https://admin.datatrans.com/

Screenshot 2: Datatrans Webadmin Tool - security signature.

Transactions | **Reports** | **Process** | **UPP Administration** | **User Administration**

UPP Data   Payment Methods   PSD Exemptions   UPP Designer   Security   Fraud Risk Management

Security signature   → Server-to-Server services security

If you are using our JSON APIs, only use this page for Webhook signing (sign).

→ https://docs.datatrans.ch/docs/additional-security

If you are not yet using our JSON APIs, you are required to implement one of the measures which are described here to :

→ https://docs.datatrans.ch/v1.0.1/docs/security-validation

○   **No** additional security element will be send with payment messages

○   An additional Merchant-IDentification will be send with payment messages
        The parameter **sign** with following value must be sent with every authorisation message

      sign =   ▮▮▮▮▮▮▮▮▮▮▮▮▮

◉   Important parameters will be digitally signed (HMAC-SHA256) and sent with payment messages
        The parameter **sign** must be sent with every authorisation message.
        It contains a digital signature (an encrypted HashCode HMAC-SHA256 in hexadecimal forma
        Signed are parameters aliasCC (optional), MerchantId, Amount, Currency and Reference nu
        Use the aliasCC value **noAlias** if the authorisation message must not use aliasCC.
        Your HMAC key (in hexadecimal format):

      ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮

      ☐   Use another key for **sign2** generation

☐   Apply sign settings for the following APIs: settlement, credit, cancel (deprecated, please use "Server-to-
      Server services security")

Screenshot 3: Datatrans Provider Configuration: Enable Dynamic Signature.

Screenshot 4: Payment Providers Listing.

Screenshot 5: Provider Detail Page.

Screenshot 6: Ecommerce Pay Now Page.

Screenshot 7: Datatrans Payment Page.
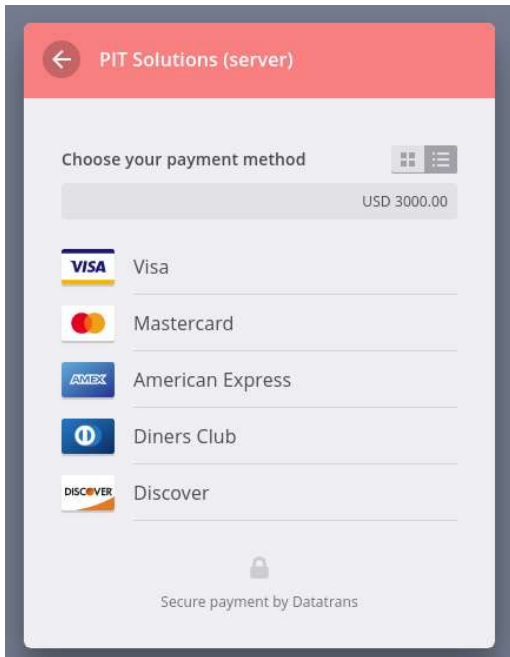
Screenshot 8: Datatrans Payment Detail Page.
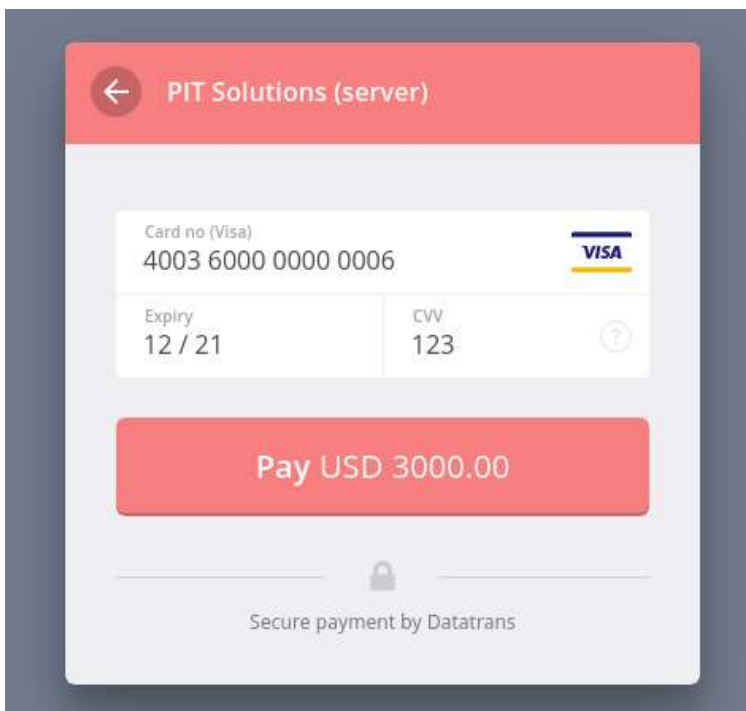
Screenshot 9: Payment Confirmed.

Order *S00039* Confirmed

Thank you for your order. 🖨 Print

Payment Information:

Datatrans   **Total:**   **$ 3,000.00**

> Your payment has been successfully processed. Thank you!   ✎

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

Screenshot 10: Payment Failed.

Order *S00064*

Payment Information:

Datatrans   **Total:**   **$ 1,500.00**

> Datatrans: Declined - card blocked   ✎

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

Screenshot 11: Datatrans Log History.

5.   Datatrans Multi-website Backend configuration

Screenshot 12: For multi-website configuration, need to create multiple Datatrans payment Provider by duplicating the existing Datatrans payment Provider.
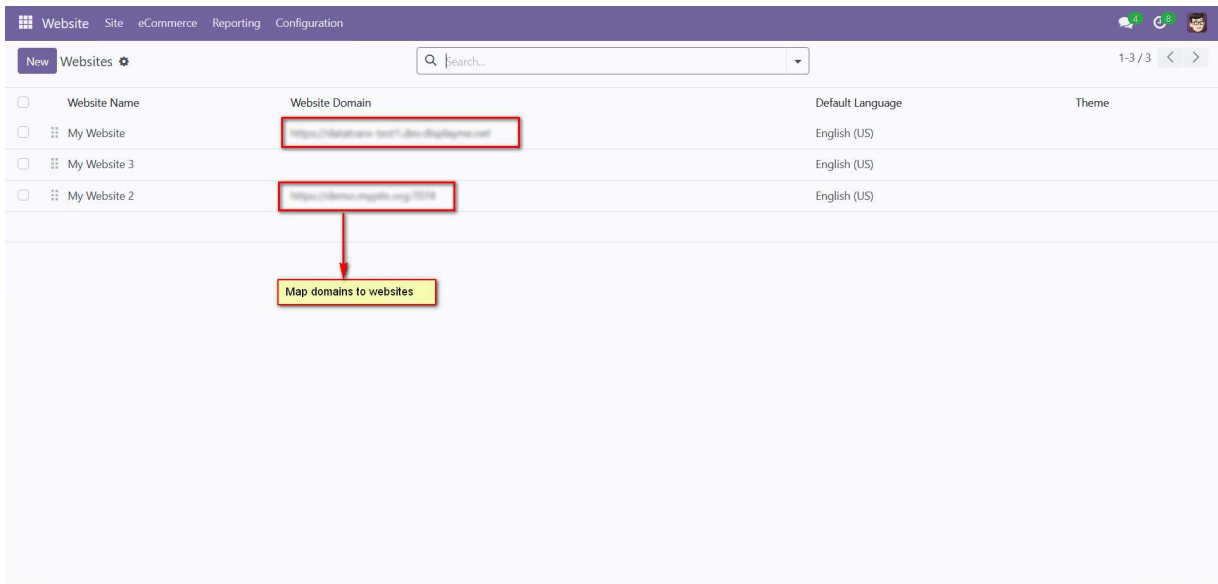

Screenshot 13: After creating the Datatrans payment Provider, map the respective website and add the Datatrans credentials.
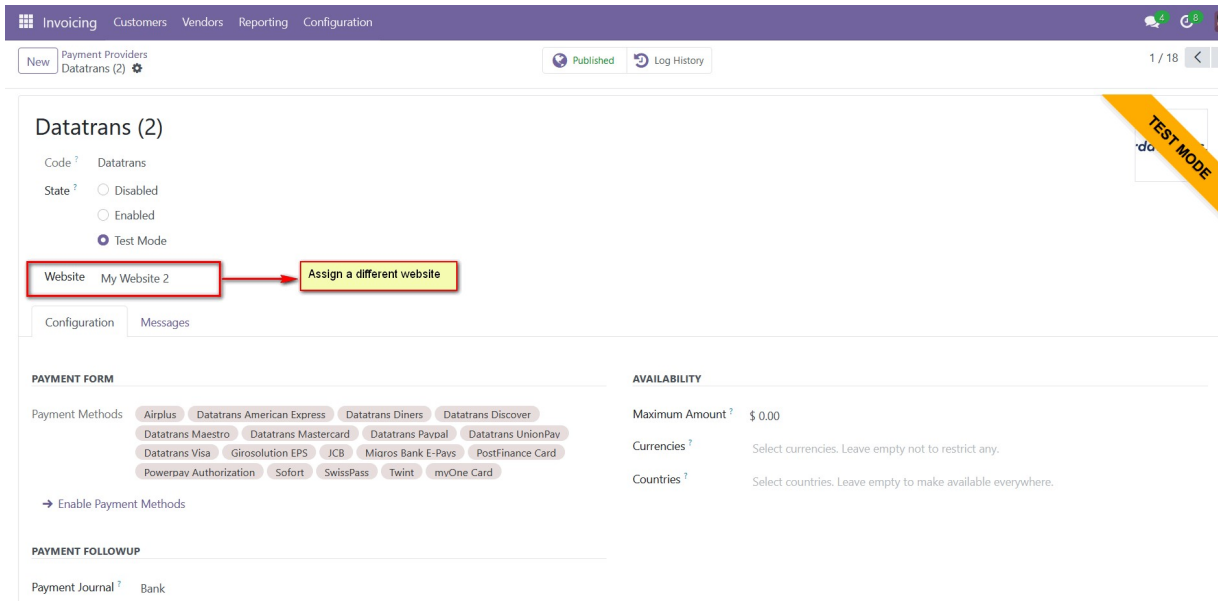
Screenshot 14: For multi-website functioning, it is necessary to set the domain for the websites.

6. Brief Description

To ensure smooth operation of the Datatrans payment provider plugin with your Odoo webshop, follow these essential configuration steps:

1. Configuration Setup:

- **Initial Configuration:** Enter your Merchant ID, Password, and Dynamic Sign from the Datatrans Web Administration Tool into the Odoo backend configuration.

- **Activation:** Once configured, activate the Datatrans payment provider. It will then be available on the shop payment page.

2. Payment Process:

- **Checkout:** On your e-commerce website, add products to the cart and proceed to checkout.

- **Payment Selection:** Choose the Datatrans payment provider, complete the payment process on the Datatrans Payment Page, and return to your Odoo webshop after payment.

Initial Step-by-Step Description

Prerequisites: Ensure you have access to the Datatrans Web Administration Tool, where you can manage and verify transactions. Obtain the **Merchant ID** and **Dynamic Sign** for backend configuration.

Step 1: Datatrans Configuration and Provider Setup

- Configure the Datatrans provider in the Odoo backend with your Datatrans credentials.

Step 2: Activate/Publish/Enable the Datatrans Payment Provider

- Make sure the payment provider is activated and available for use.

Step 3: Enter Datatrans Credentials

- In the Odoo backend, add the necessary Datatrans credentials: **Merchant ID**, **Dynamic Signature**, and enable the **Dynamic Signature** feature.

Step 4: Test Checkout Process

- Go to your e-commerce website, add items to the cart, and proceed to checkout.

Step 5: Select Payment Method

- Choose the Datatrans payment method during checkout.

Step 6: Complete Payment

- Fill out the required details on the Datatrans Payment Page to complete the transaction.

Step 7: Order Confirmation

- After a successful payment, the order will be placed, and you will be redirected back to the Odoo webshop.

Step 8: Multi-Website Configuration

- Duplicate the Datatrans Provider configuration using the **Duplicate** button.

Step 9: Map and Configure for Additional Websites

- Assign the new Datatrans provider to the respective websites and input the relevant credentials.

Step 10: Domain Setup for Multi-Website Functionality

- Ensure each website's domain is correctly set up in Odoo for proper functionality across multiple sites.

By following these steps, you ensure that the Datatrans payment provider is correctly integrated and operational for both single and multi-website setups.

7. Technical Requirements / Compatible With:

- Technical Requirements: Odoo Sales, Payment, Contact and Website Module.
- Compatible with ODOO On Premise version 16.

8.   Datatrans Payment Page Supported Languages:

- German, English, French, Italian, Spanish, Greek, Norwegian, Danish, Polish, Portuguese.

9.   Changes Log / Release Notes

Version 1.1.0: August 2024

- Multi-website Compatibility

Version 1.0.0: April 2022

- Initial version.

10.   Support

If you have questions, use our contact form at webshopextension.com or email at support@webshopextension.com.