



User Manual

Datatrans Payment Provider Plugin for Odoo v17.0



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1. Introduction

The Datatrans Payment Provider Plugin integrates seamlessly into your Odoo Webshop as an additional payment module. As Switzerland's leading Payment Service Provider, Datatrans supports a broad spectrum of payment methods, including card payments, digital wallets, and other alternative methods. The plugin operates in redirect mode, directing customers to the Datatrans Payment Page, which offers access to all payment methods supported by the configured merchant through a single integration. This approach ensures fast, secure, and straightforward payments, ultimately leading to increased turnover.

2. Features

- **Basic Payment Transaction Workflow:** Handles standard payment transactions efficiently.
- **Payment Method-Specific Configurations:** Allows for customization based on different payment methods.
- **Customer Customization:** Provides options to tailor the payment experience to customer preferences.
- **Supported Payment Methods:** Includes major cards such as American Express, Diners Club, Discover, Mastercard, Visa, and PostFinance Card.
- **Easy Configuration:** Facilitates the addition of other payment methods supported by Datatrans.
- **Transparent Log History:** Maintains a clear and detailed record of all transactions.
- **Sale Order Payments:** Supports payment processing directly through sale orders.
- **Invoice Payments:** Enables payment for invoices.
- **Multi-Website Compatibility:** Functions across multiple websites, making it suitable for businesses with various online presences.

3. Screenshots

Screenshot 1: Datatrans Webadmin Tool - Merchant ID and API Password.

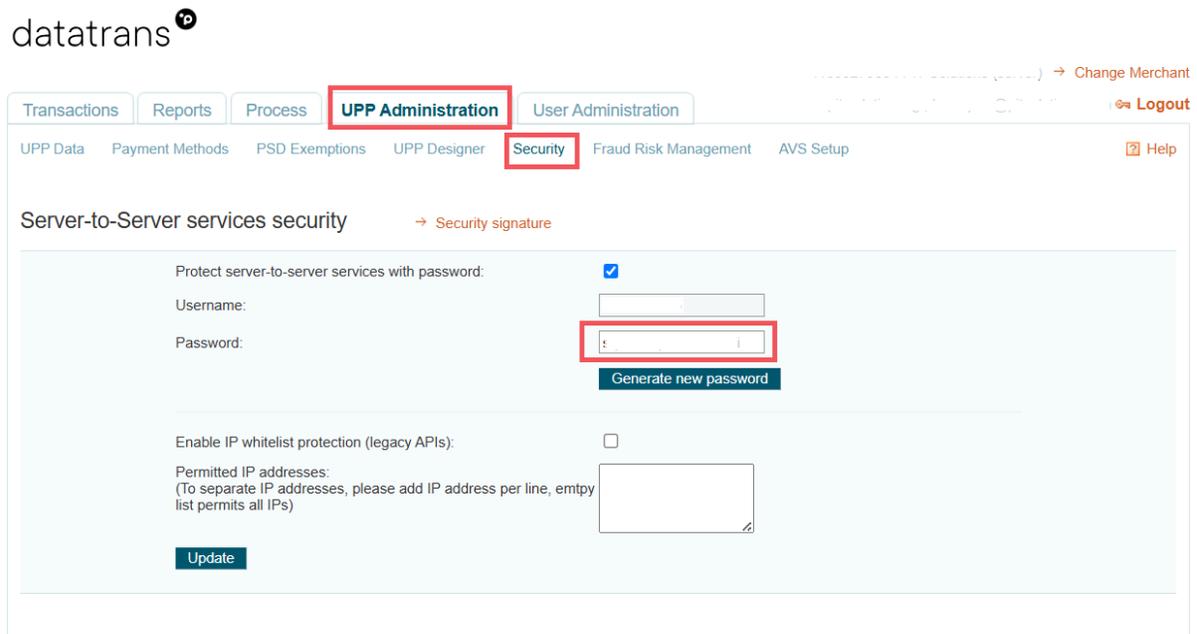
Datatrans Payment Backoffice URL - <https://admin.datatrans.com/>

·datatrans.



The screenshot shows the Datatrans Webadmin Tool interface. The top navigation bar includes tabs for Transactions, Reports, Process, UPP Administration (selected), and User Administration. Below this, there are sub-tabs for UPP Data, Payment Methods, UPP Designer, Security, and Fraud Risk Management. The main content area is titled 'UPP data' and contains a 'Merchant-ID:' label followed by a redacted field.

API Password from Datatrans web admin tool



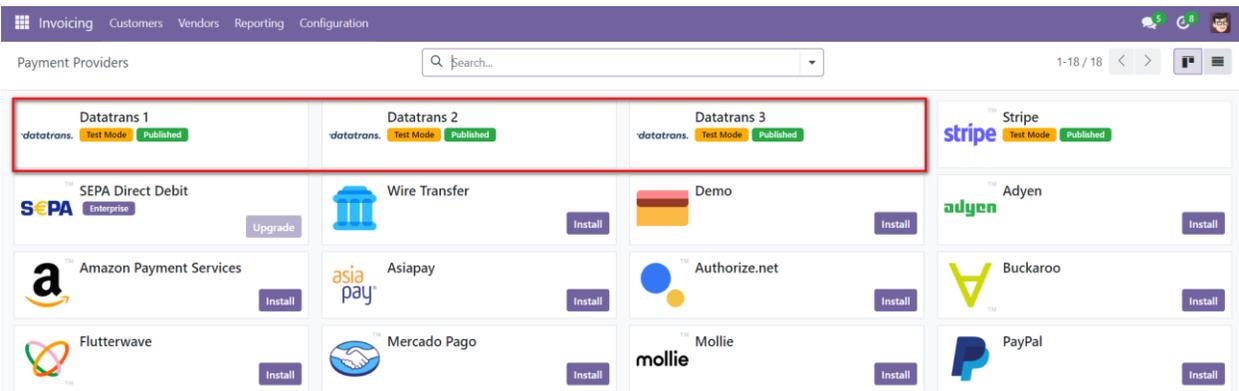
The screenshot shows the Datatrans Webadmin Tool interface with the 'Security' sub-tab selected under 'UPP Administration'. The page title is 'Server-to-Server services security' with a link to 'Security signature'. The main content area contains two sections:

- Protect server-to-server services with password:** This section has a checked checkbox. It includes a 'Username:' field and a 'Password:' field (the password field is highlighted with a red box). Below the password field is a 'Generate new password' button.
- Enable IP whitelist protection (legacy APIs):** This section has an unchecked checkbox. It includes a 'Permitted IP addresses:' field with a text area for input (the text area is highlighted with a red box). Below this field is an 'Update' button.

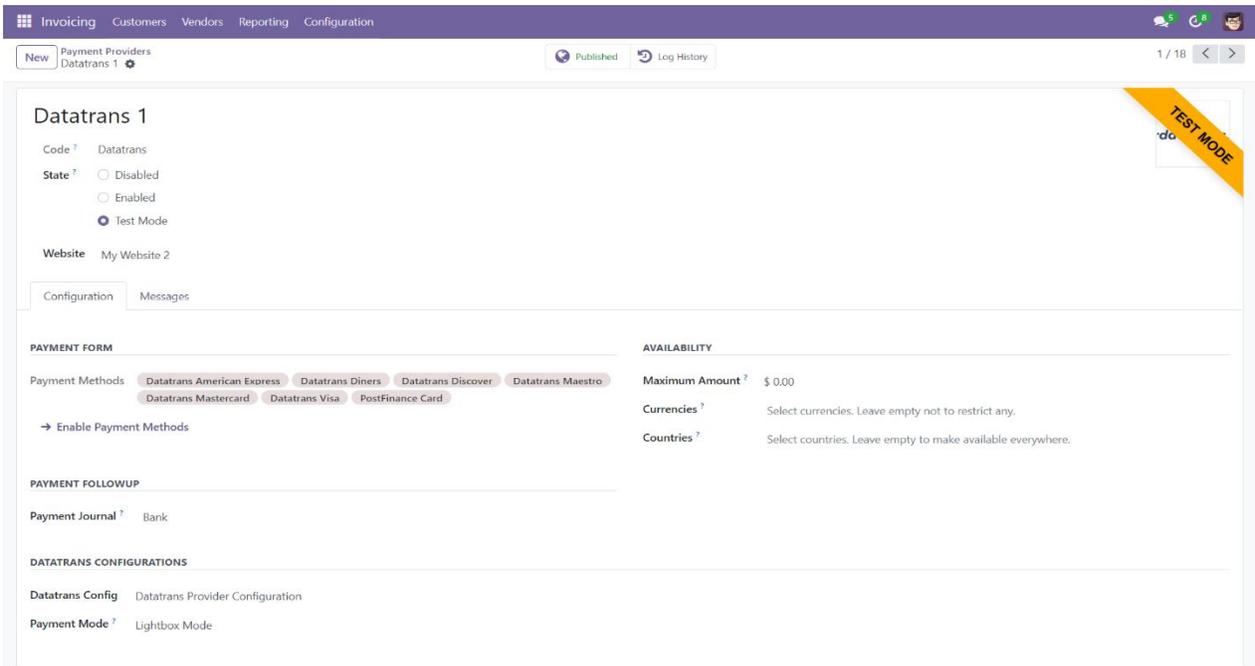
Screenshot 3: Datatrans Provider Configuration: Enable Dynamic Signature.



Screenshot 4: Payment Providers Listing.



Screenshot 5: Provider Detail Page.



Datatrans 1

Code [?] Datatrans

State [?] Disabled
 Enabled
 Test Mode

Website My Website 2

Configuration Messages

PAYMENT FORM

Payment Methods Datatrans American Express Datatrans Diners Datatrans Discover Datatrans Maestro
Datatrans Mastercard Datatrans Visa PostFinance Card

→ Enable Payment Methods

PAYMENT FOLLOWUP

Payment Journal [?] Bank

DATATRANS CONFIGURATIONS

Datatrans Config Datatrans Provider Configuration

Payment Mode [?] Lightbox Mode

AVAILABILITY

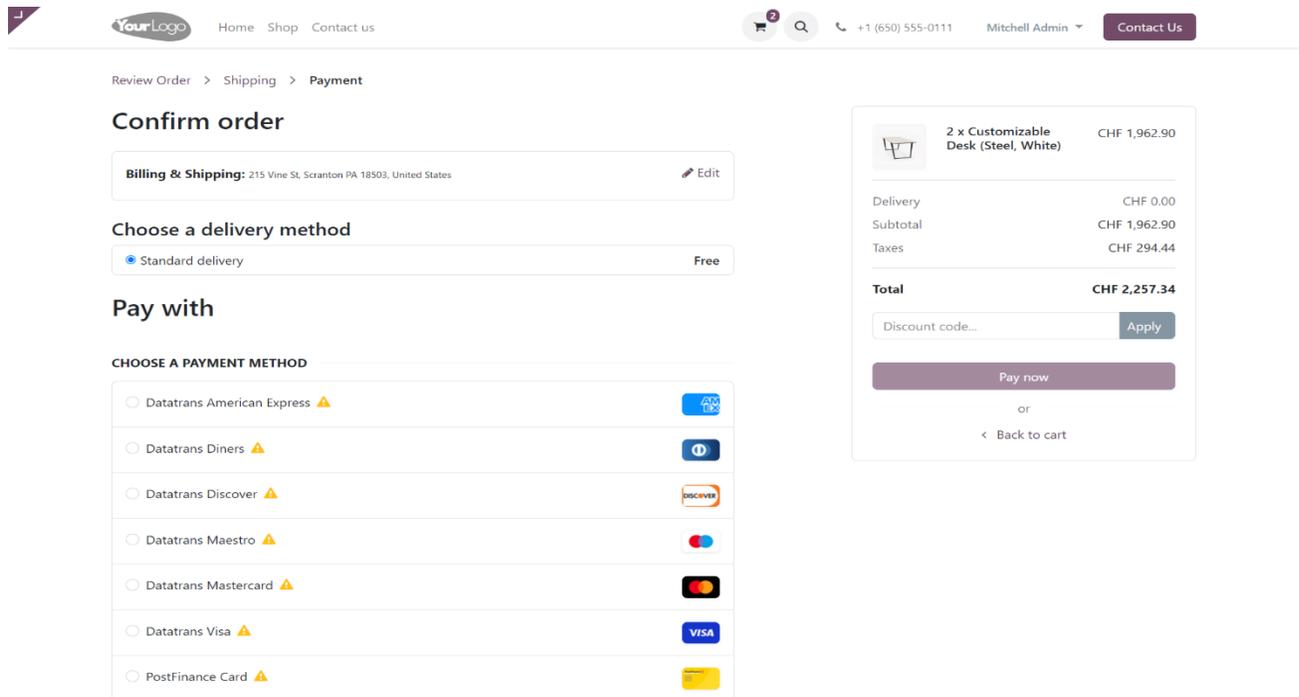
Maximum Amount [?] \$ 0.00

Currencies [?] Select currencies. Leave empty not to restrict any.

Countries [?] Select countries. Leave empty to make available everywhere.

TEST MODE

Screenshot 6: Ecommerce Pay Now Page.



YourLogo Home Shop Contact us +1 (650) 555-0111 Mitchell Admin Contact Us

Review Order > Shipping > Payment

Confirm order

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

Choose a delivery method

Standard delivery Free

Pay with

CHOOSE A PAYMENT METHOD

- Datatrans American Express ⚠ 
- Datatrans Diners ⚠ 
- Datatrans Discover ⚠ 
- Datatrans Maestro ⚠ 
- Datatrans Mastercard ⚠ 
- Datatrans Visa ⚠ 
- PostFinance Card ⚠ 

Summary:

- 2 x Customizable Desk (Steel, White) CHF 1,962.90
- Delivery CHF 0.00
- Subtotal CHF 1,962.90
- Taxes CHF 294.44
- Total CHF 2,257.34**

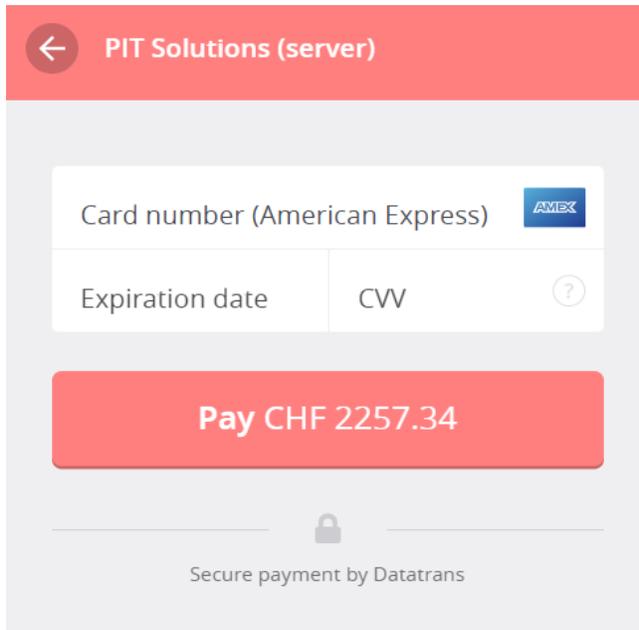
Discount code... [Apply](#)

[Pay now](#)

or

[Back to cart](#)

Screenshot 7: Datatrans Payment Detail Page.



← PIT Solutions (server)

Card number (American Express) 

Expiration date CVV 

Pay CHF 2257.34

 Secure payment by Datatrans

Screenshot 8: 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 9: Payment Failed.

Order S00064

Payment Information:

Datatrans

Total: \$ 1,500.00

Datatrans: Declined - card blocked

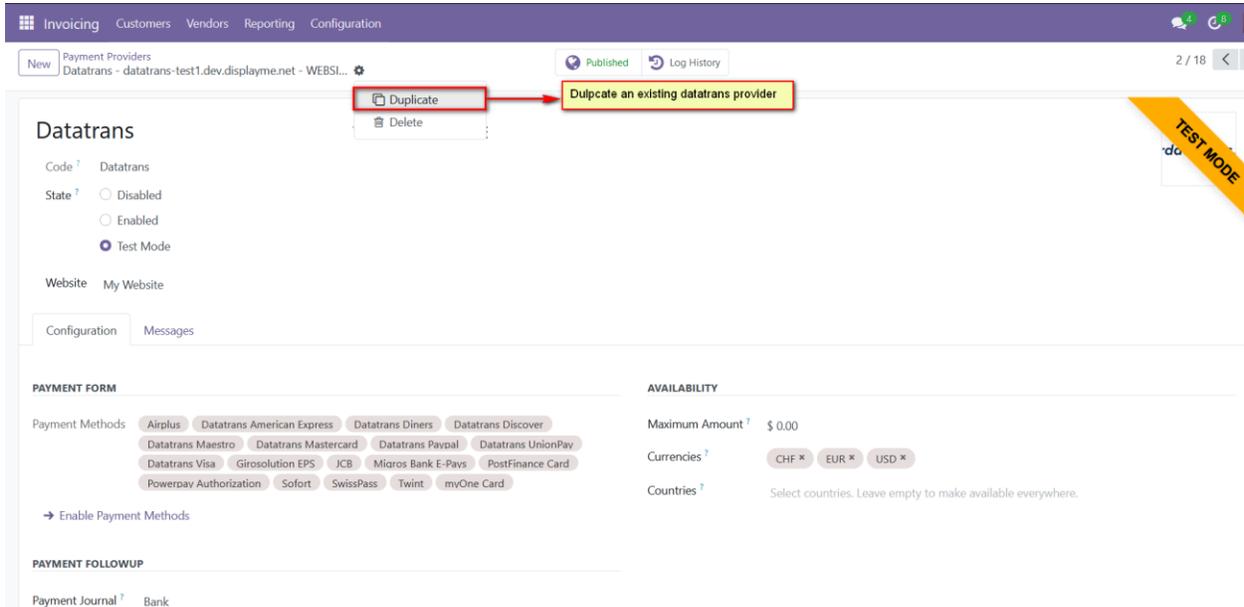
Billing & Shipping: 215 Vine St, Scranton PA 18503, United States

Screenshot 10: Datatrans Log History.

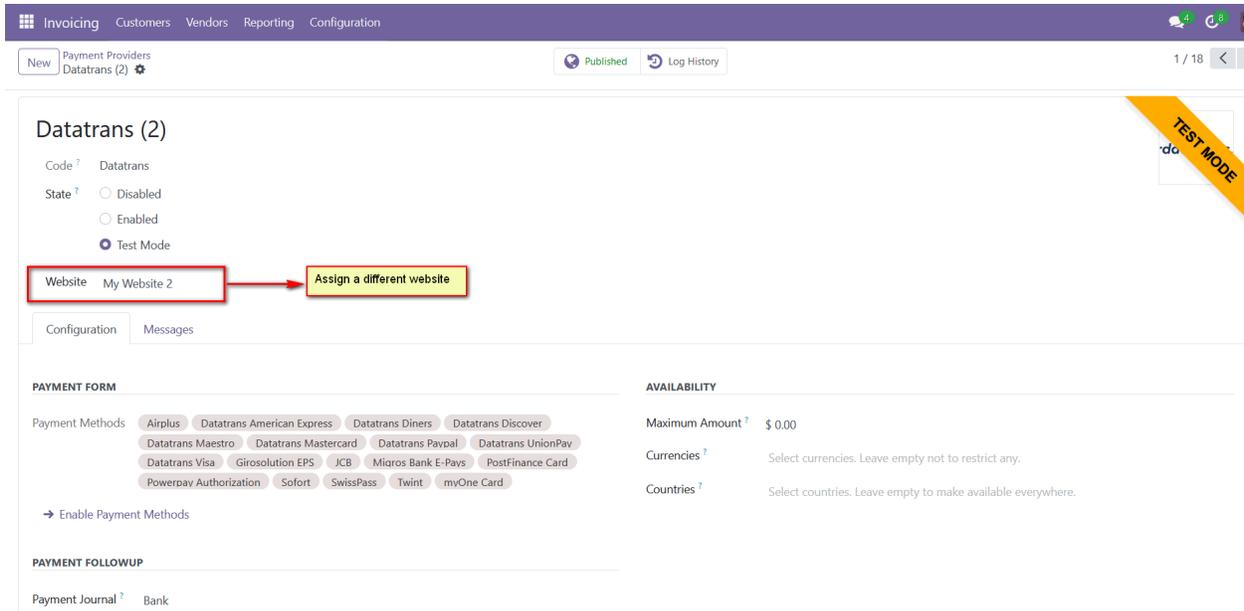
| Created on | Result | Description | Origin | Payment Method |
|---------------------|---------|----------------|-----------|----------------------------|
| 08/20/2024 17:40:41 | Cancel | S00121-1 | datatrans | Datatrans American Express |
| 08/09/2024 13:00:27 | Cancel | S00121 | datatrans | Datatrans American Express |
| 08/09/2024 12:37:21 | Success | S00120 | datatrans | Datatrans Visa |
| 08/09/2024 11:58:47 | Success | INV/2024/00025 | datatrans | Datatrans Diners |
| 08/09/2024 11:57:57 | Success | S00119 | datatrans | Datatrans Visa |
| 08/09/2024 11:57:52 | Success | INV/2024/00024 | datatrans | Datatrans American Express |
| 08/09/2024 11:57:13 | Success | S00118 | datatrans | Datatrans Visa |
| 08/09/2024 11:37:34 | Success | S00116 | datatrans | Datatrans American Express |
| 08/09/2024 11:26:38 | Success | S00115 | datatrans | Datatrans Visa |
| 08/09/2024 11:23:58 | Success | S00114 | datatrans | Datatrans Visa |

4. Datatrans Multi-website Backend configuration

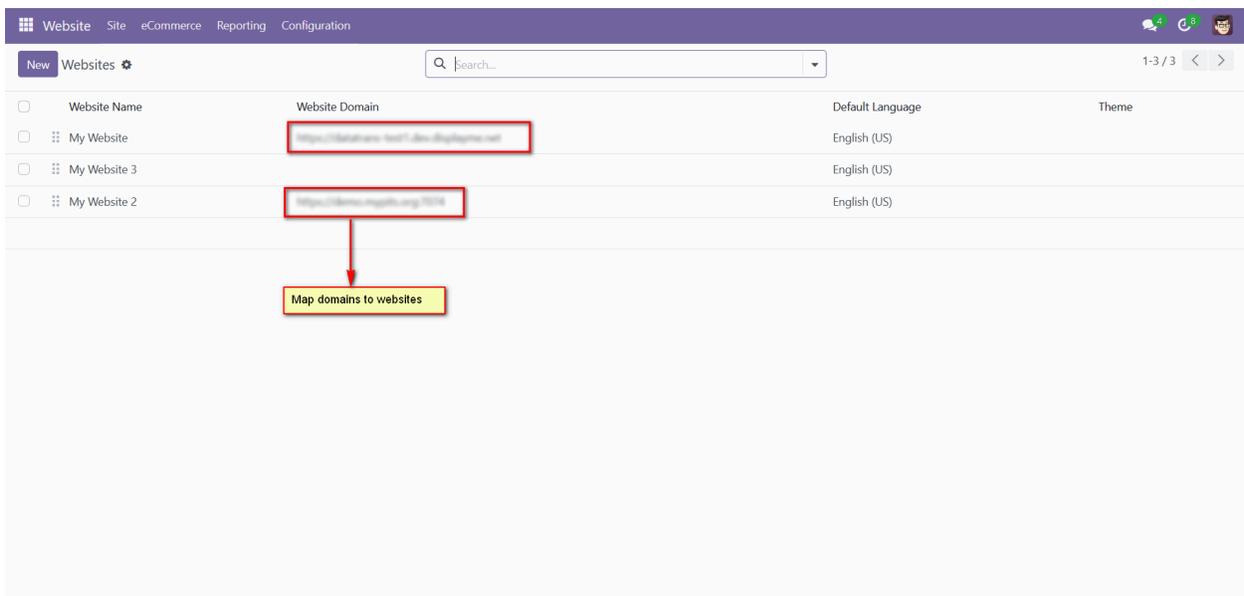
Screenshot 11: For multi-website configuration, need to create multiple Datatrans payment Provider by duplicating the existing Datatrans payment Provider.



Screenshot 12: After creating the Datatrans payment Provider, map the respective website and add the Datatrans credentials.



Screenshot 13: For multi-website functioning, it is necessary to set the domain for the websites.



5. Brief Description

To ensure the Datatrans Payment Provider Plugin functions smoothly, follow these configuration steps:

Initial Setup:

1. **Configure Datatrans Provider:** Begin by entering your Merchant ID, API Password, Login Password and Dynamic Sign from the Datatrans web administration tool into the Odoo backend.
2. **Activate Provider:** Once configured, the Datatrans payment acquirer will be available by default. Activate the provider to make it visible on the shop's payment page.

Step-by-Step Configuration:

Prerequisites:

- Ensure you have access to the Datatrans web administration tool to verify and process transactions. You will need the **Merchant ID** and **Dynamic Sign** for backend configuration.

Steps:

1. Datatrans Configuration:

- Access the Odoo backend and configure the Datatrans Provider with your Merchant ID, API Password, Login Password and Dynamic Sign.

2. Activate Datatrans Payment Provider:

- Publish or enable the Datatrans payment provider in your Odoo backend to make it available for use.

3. Enter Credentials:

- In the Datatrans Provider Configuration record in Odoo, add the Datatrans credentials: Merchant ID, API Password, Login Password, Dynamic Sign, and

enable Dynamic Signature if required.

4. Test Checkout Process:

- Navigate to your e-commerce website, add products to the cart, and proceed to checkout.

5. Select Payment Method:

- Choose the Datatrans payment method at checkout and proceed with the payment.

6. Complete Transaction:

- On the Datatrans Payment Page, enter the required details to complete the transaction.

7. Order Confirmation:

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

8. Multi-Website Configuration:

- To set up Datatrans for multiple websites, duplicate the Datatrans Provider configuration using the **Duplicate** button.

9. Map and Configure Multiple Websites:

- Map the duplicated Datatrans Provider to the respective websites and enter the appropriate credentials for each.

10. Set Domain for Websites:

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

By following these steps, you can effectively configure and utilize the Datatrans Payment Provider Plugin within your Odoo Webshop.

6. Technical Requirements / Compatible With:

- Technical Requirements: Odoo Sales, Payment, Contact and Website Module.
- Compatible with ODOO On Premise version 17.

7. Datatrans Payment Page Supported Languages:

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

8. Changes Log / Release Notes

Version 1.2.0: April 2025

- Improved transaction status update handling for better accuracy and synchronization.

Version 1.1.0: August 2024

- Added support for multi-website compatibility in Odoo.

Version 1.0.0: April 2022

- Initial version.

9. Support

If you have questions, use our contact form at [webshopextension.com](https://www.webshopextension.com) or email at support@webshopextension.com.