

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 - <u>https://admin.datatrans.com/</u>

·datatrans.

Transactions	Reports	Process	UPP Adminis	stration	User Administration
UPP Data Pay	ment Methods	UPP Desig	gner Security	Fraud Ris	sk Management
UPP data					
	Merchant-ID:				

API Password from Datatrans web admin tool

Transactions	Reports Process UPP Administration User Administration	Logou 🗇 🖓 🖓 🖓 Logou
JPP Data Paym	nent Methods PSD Exemptions UPP Designer Security Fraud Risk Management AVS Setup	Help
Server-to-Se	rver services security → Security signature	
	Protect server-to-server services with password:	
	Username:	
	Password:	
	Generate new password	
	Enable IP whitelist protection (legacy APIs):	
	Permitted IP addresses: (To separate IP addresses, please add IP address per line, emtpy	
	Password: Enable IP whitelist protection (legacy APIs): Permitted IP addresses: (To separate IP addresses, please add IP address per line, emtpy lict service of II EPa	



Screenshot 2: Datatrans Webadmin Tool - security signature.

PP Data	a Payment M	Aethods PSD Exemptions UPP Designer Security Fraud Risk Management
ecur	ity signatu	ITE → Server-to-Server services security
If you	are using our JS	SON APIs, only use this page for Webhook signing (sign).
→ http	os://docs.datatra	ins.ch/docs/additional-security
If you	are not yet usin	g our JSON APIs, you are required to implement one of the measures which are described here to
→ http	os://docs.datatra	ins.ch/v1.0.1/docs/security-validation
0	No addition	al security element will be send with payment messages
0	An addition	al Merchant-IDentification will be send with payment messages
		The parameter sign with following value must be sent with every authorisation message
		sign =
۲	Important p	arameters 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 forr Signed are parameters aliasCC (optional), Merchantid, Amount, Currency and Reference n 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 server serv	settings for the following APIs: settlement, credit, cancel (deprecated, please use "Server-to- ices security")



Screenshot 3: Datatrans Provider Configuration: Enable Dynamic Signature.

Invoicing Custor	mers Vendors Reporting Configuration	🐮 🐢 👩 📑 Mitchell Admin B payment_datatrans_17_1
New Datatrans Prov	vider Configuration I I I I I I I I I I I I I I I I I I I	1/1 < >
Datatrans	Provider Configuration	
Datatrans Test URL ?	https://pay.sandbox.datatrans.com	
Datatrans API Test URL ⁷	https://api.sandbox.datatrans.com	
Merchant ID ?	1 1	
API Password ?	********	
Enable Dynamic Signature ⁷		
Sign ⁷	*****	
Password ?	*******	
Language 7	English	

Screenshot 4: Payment Providers Listing.

Invoicing Customers Vendors Reporting Co	nfiguration		💉 C* 🦉
Payment Providers	Q ķearch	•	1-18 / 18 < >
Datatrans 1 Vdatatrans. Test Mode Published	Datatrans 2 statatrans. Test Mode Published	Datatrans 3 vdatatrans. Test Mode Published	Stripe
SEPA Direct Debit	Wire Transfer	Demo	Adyen adyen install
Amazon Payment Services	Asiapay pay Install	Authorize.net	Buckaroo
Flutterwave Install	Mercado Pago	Mollie	PayPal



Screenshot 5: Provider Detail Page.

Code ? Datatrans State ? Disabled Enabled Enabled • Test Mode Website My Website 2 Configuration Messages	1 ¹⁸³⁷ 40
Code ² Datatrans itate ⁷ Disabled Enabled Test Mode Website 2 Configuration Messages	and the second sec
itate [?] Disabled Enabled Test Mode Website My Website 2 Configuration Messages	
Configuration Messages	
Test Mode Website My Website 2 Configuration Messages	
Vebsite My Website 2 Configuration Messages	
Configuration Messages	
Configuration Messages	
IMENT FORM	
	LAUILO T
ment Methods Datatrans American Express Datatrans Diners Datatrans Discover Datatrans Maestro Mae Datatrans Mastercard Datatrans Visa PostFinance Card	imum Amount ⁷ \$ 0.00
Enable Payment Methods	rencies ' Select currencies. Leave empty not to restrict any.
Cou	ntries ? Select countries. Leave empty to make available everywhere.
MENT FOLLOWID	
ment Journal 🦢 Bank	
TATRANS CONFIGURATIONS	
atrans Config Datatrans Provider Configuration	
ment Mode 7 Lighthay Made	

Screenshot 6: Ecommerce Pay Now Page.

YourLogo Home Shop Contact us	2	Q 4 +1 (650) 555-0111 Mitchel	Admin 👻 Contact Us
Review Order > Shipping > Payment			
Confirm order		2 x Customiz Desk (Steel, V	able CHF 1,962.90 Vhite)
Billing & Shipping: 215 Vine St, Scranton PA 18503, United States	8 Edit		
		Delivery	CHF 0.00
Choose a delivery method		Taxes	CHF 294.44
Standard delivery	Free		
Pay with		Total Discount code	CHF 2,257.34
CHOOSE A PAYMENT METHOD		Pay	now
O Datatrans American Express 🔺		•	·
O Datatrans Diners 🔺	Ø	< Back	to cart
O Datatrans Discover A	DISCOVER		
🔿 Datatrans Maestro 🔺			
🔿 Datatrans Mastercard 🔺			
🔿 Datatrans Visa 🔺	VISA		
O PostFinance Card 🔺			

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.



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.

Invoicing Customers Vendors Reporting	g Configuration				😒 🚱
Datatrans Provider Configuration Datatrans Log History 🏘		Q þearch		•	1-80 / 137 < >
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 INV/2024/00025	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.

Invoicing Customers Vendors Reporting Configuration	≪ ⁴ Ç ⁸ .
New Payment Providers Datatrans - datatrans-test1.dev.displayme.net - WEBSI �	ished 🕲 Log History 2/18 🔇
Duplicate Duplicate Code ² Datatrans State ² Disabled © Test Mode Website My Website Configuration Messages	ite an existing datatrans provider
Payment Form Payment Methods Airplus Datatrans American Express Datatrans Diners Datatrans Discover Datatrans Masetro Datatrans Mastercard Datatrans Payao Datatrans UnionPay Datatrans Visa Girosolution EPS JCB Micros Bank E-Pays PostFinance Card Powerpay Authorization Sofort SwissPass Twint mvOne Card → Enable Payment Methods	AVAILABILITY Maximum Amount? \$ 0.00 Currencies? CHF × EUR × USD × Countries? Select countries. Leave empty to make available everywhere.
PAYMENT FOLLOWUP Payment Journal ? Bank	

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

Invoicing Customers Vendors Reporting Configuration				🛸 🚱 🛔
New Datatrans (2) 💠	Published	D Log History		1/18 <
Datatrans (2) Code ⁷ Datatrans State ⁷ Disabled Enabled Test Mode Website My Website 2 Configuration Messages				its ruope
PAYMENT FORM		AVAILABILITY		
Payment Methods Airplus Datatrans American Express Datatrans Discover Datatrans Maetro Datatrans Maetro Datatrans Matteria	Dav	Maximum Amount ?	\$ 0.00	
Datatrans Visa Girosolution EPS JCB Migros Bank E-Pays PostFinance Ca	ard	Currencies ?	Select currencies. Leave empty not to restrict any.	
Powerpay Authorization Sofort SwissPass Twint mvOne Card		Countries ?	Select countries. Leave empty to make available everywhere.	
→ Enable Payment Methods				
PAYMENT FOLLOWUP				
Payment Journal ? Bank				

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

	Configuration		🛃 🛃
New Websites 🌣	Q search	•	1-3/3 < >
Website Name	Website Domain	Default Language	Theme
D III My Website	Https://datatrans.text1.dev.dig/layme.net	English (US)	
My Website 3		English (US)	
O II My Website 2	Mps,//demo.mp80.org/014	English (US)	
	•		
	Map domains to websites		

pits

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 multiwebsite 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 <u>webshopextension.com</u> or email at <u>support@webshopextension.com</u>.