



Implementation Guide

DATATRANS Payment Acquirer Plugin

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1.0 Introduction

The datatrans payment acquirer plugin is easy to install and fits neatly into the odoo webshop as an additional payment module. Datatrans is the leading Swiss Payment Service Provider which supports a wide range of payment methods under card payment method, digital wallets and other alternative payment methods. This plugin works in redirect mode, where the customer will be redirected to the Datatrans Payment Page that gives access to all payment methods supported by the configured merchant with just a single integration. The advantage is fast, secure and simple payments eventually leads to higher turnover.

1.1 Features

Version: 12.0, 13.0 14.0 & 15.0:

- Covers the basic payment transaction workflow
- Customizable Datarans Payment Page
- Payment method specific configurations
- Customer customization
- Support payment methods such as American Express, Diners, China Union Pay, Discover, Mastercard, Airplus, Visa, Giro Solutions, Paypal, Postfinance Card, Powerpay Authorization, Swisspass
- Easy configuration of other payment methods supported by datatrans
- Transparent Log History
- Covers sale order payments
- Covers invoice payments

1.2 Screenshots

Screenshot 1: Datatrans Webadmin Tool - Merchant ID

·datatrans.

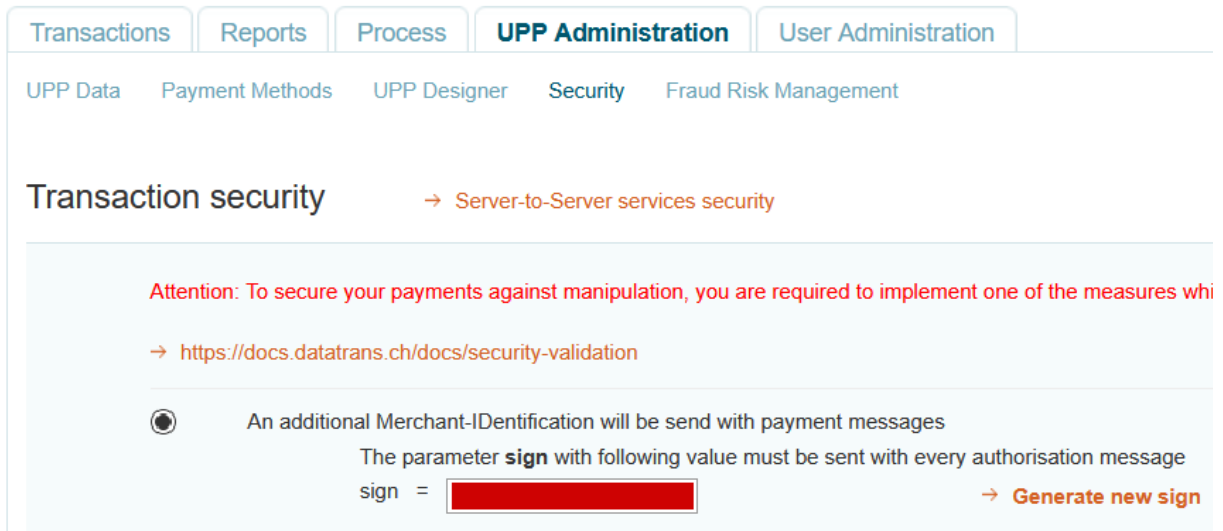


The screenshot shows the Datatrans webadmin interface. At the top, there are navigation tabs: Transactions, Reports, Process, UPP Administration (selected), and User Administration. Below these are sub-tabs: UPP Data, Payment Methods, UPP Designer, Security, and Fraud Risk Management. The main content area is titled 'UPP data' and contains a form with a label 'Merchant-ID:' followed by a red rectangular input field.

Screenshot 2: Datatrans Webadmin Tool - Sign

·datatrans.

1



The screenshot shows the 'Transaction security' section of the Datatrans webadmin tool. It features the same navigation tabs as Screenshot 1, with 'UPP Administration' selected and 'Security' sub-tab active. The page title is 'Transaction security' with a link to 'Server-to-Server services security'. A red warning message states: 'Attention: To secure your payments against manipulation, you are required to implement one of the measures which...'. Below this is a link to 'https://docs.datatrans.ch/docs/security-validation'. A radio button is selected for the option: 'An additional Merchant-IDentification will be send with payment messages'. Below this, it says 'The parameter **sign** with following value must be sent with every authorisation message' followed by 'sign = [red input field]'. A 'Generate new sign' link is also present.

Screenshot 3: Datatrans Webadmin Tool - Password

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

UPP Data | Payment Methods | UPP Designer | Security | Fraud Risk Management

Server-to-Server services security [→ Security signature](#)

Protect server-to-server services with password:

Username:

Password:

[Generate new password](#)

Screenshot 4: Datatrans Acquirer Configuration:

Test Environment | Acquirers | Logging

Datatrans Acquirer Configuration


MerchantID	<input type="password"/>	Company	My Company (San Francisco)
Sign	<input type="password"/>		
Password	<input type="password"/>		
Language	English		

Theme Configuration


Brand Color	#f7f7f7	Logo Border Color	#cccccc
Text Color	White	Brand Button	True
Logo Type	None	Image	

Description


Screenshot 5: Payment Acquirer Listing

Datatrans - Credit Cards Datatrans is the leading Swiss Payment Service Provider which supports wide range of payment methods under card payment method, digital wallets and other alternative payment methods  Enabled	Datatrans <i>.datatrans.</i> Datatrans is the leading Swiss Payment Service Provider which supports wide range of payment methods under card payment method, digital wallets and other alternative payment methods Enabled
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Screenshot 6: Acquirer Detail Page

 Log History

Datatrans - Credit Cards


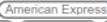







State | Enabled
Website |

[Credentials](#) | [Configuration](#) | [Messages](#)

Payment Form

Displayed as |

Supported Payment Icons |   
   

Availability

Countries |

Payment Followup

Payment Journal | datatrans-cc

Datatrans Configurations

Datatrans Config | Datatrans Acquirer Configuration
Payment Mode | Redirect Mode

Screenshot 7: Ecommerce Pay Now Page

Pay with

Wire Transfer

Datatrans - Credit Cards

VISA American Express Diners Club DISCOVER Mastercard UnionPay one

Datatrans

VISA American Express Diners Club DISCOVER Mastercard UnionPay eps one PayPal UATP

BANCA SANPAOLO BANK POWERPAY

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

Screenshot 8: Datatrans Payment Page

← PIT Solutions (server)

Choose your payment method ☰

USD 3000.00

VISA Visa

Mastercard Mastercard

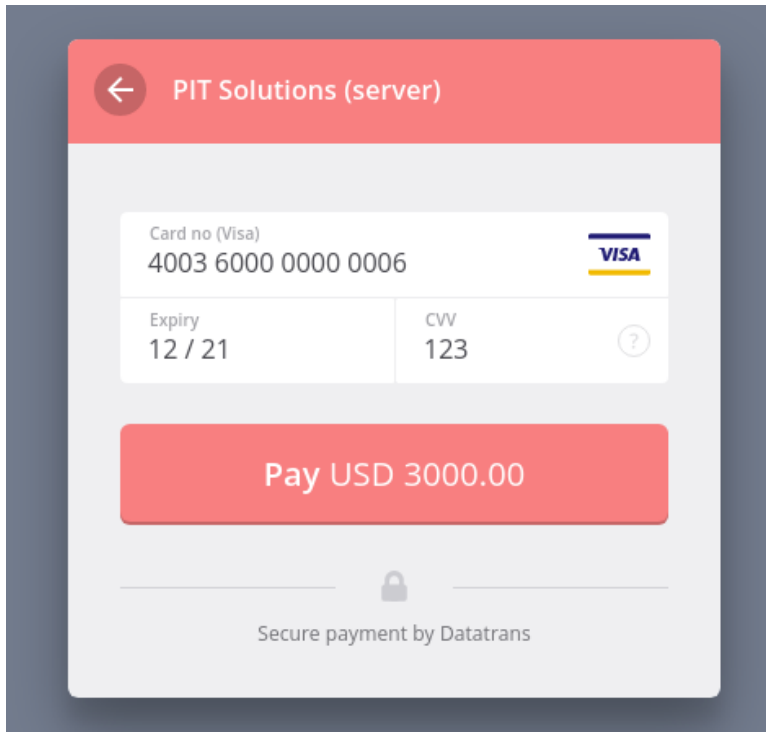
AMEX American Express

Diners Club Diners Club

DISCOVER Discover

Secure payment by Datatrans

Screenshot 9: Datatrans Payment Detail Page



Screenshot 10: 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 11: 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 12: Datatrans Log History

Datatrans Log History

Search...

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<input type="checkbox"/>	Created on	Result	Description	Origin	Payment Method
<input type="checkbox"/>	01/29/2021 19:48:31	Success	S00039-2	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:47:49	Success	S00039-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:37:54	Success	S00062-2	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:35:30	Success	S00062-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:31:09	Success	S00061-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:28:23	Success	S00040-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:26:10	Success	S00048-2	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:25:08	Success	S00048-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:23:32	Success	S00060-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:22:26	Success	S00059-1	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:20:12	Success	S00058-2	datatrans	VISA
<input type="checkbox"/>	01/29/2021 19:19:32	Error	S00058-1	datatrans	MasterCard
<input type="checkbox"/>	01/29/2021 19:18:43	Error	S00057-2	datatrans	MasterCard
<input type="checkbox"/>	01/29/2021 19:09:38	Error	S00057-1	datatrans	MasterCard
<input type="checkbox"/>	01/29/2021 18:18:09	Success	S00056-1	datatrans	UnionPay
<input type="checkbox"/>	01/29/2021 18:15:06	Success	S00055-2	datatrans	PayPal
<input type="checkbox"/>	01/29/2021 18:10:00	Error	S00055-1	datatrans	American Express

1.3 Brief description

For smooth working of this plugin there are few configurations which are to be done in the backend. Setting up datatrans acquirer configuration is the initial step where the merchant Id, password and sign of your datatrans web administration tool must be provided. Once the configuration is set there are two payment acquirers available by default, one is Datatrans - Credit Cards which supports credit card payment methods like Visa, Mastercard, American Express, Diners, Discover etc and the other is Datatrans which is mapped to other alternative payment methods like debit cards and digital wallets. Activate any of them and continue

shopping. The payment acquirer will be listed in the shop payment page. Choose the datatrans payment acquirer and pay from the datatrans payment page and get back to the odoo webshop.

1.3.1 Initial step-by-step description

Prerequisites: Before integrating the Datatrans payment acquirer plugin make sure that you have an datatrans web administration tool - The interface with which you can Easily verify and process transactions. Merchant Id and Sign are the details we need from the webadmin tool for odoo backend configuration.

1. Step 1 - Datatrans Configuration and Acquirer configuration
2. Step 2 - Activate/Publish/Enable Datatrans Payment Acquirer
3. Step 3 - Go to Ecommerce website -> Add products to cart -> Proceed to checkout
4. Step 4 - Choose datatrans payment method and Pay now
5. Step 5 - Complete the transaction by filling out necessary details in Datatrans Payment Page
6. Step 6 - Order is placed on successful payment transaction

1.4 Technical Requirements / Compatible With:

Technical Requirements: Odoo Sales, Payment, Contact and Website Module

Compatible with ODOO version 12, 13 14 and 15

1.5 Datatrans Payment Page Supported Languages:

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

Release Note

Datatrans acquirer plugin for version 12, 13 14 and 15