
Implementation Guide

DATATRANS Payment Info Plugin

Table of Contents

1.0 Introduction	
1.1 Features	3
1.2 Screenshots	4
1.3 Brief Description	8
1.4 Technical Requirement/Compatible with	9
1.5 Supported Languages	9
Release Note	9

1.0 Introduction

The datatrans payment info is an additional datatrans payment page addon which supports various other payment methods apart from the payment methods supported by the datatrans payment plugin. This plugin facilitates the working of certain other payment methods as a result of some customization in few other modules. The datatrans payment info is an extended version of datatrans payment acquirer plugin, which is a connector between odoo webshop and datatrans payment provider. Once the backend configurations are set you can easily move on to the shop page where you need to provide some additional information in the address section which are needed for smooth working of certain payment methods, then you can continue checkout process and proceed to payment where you can see the datatrans acquirer in the payment methods. Choose any of the datatrans payment acquirers and you will be redirected to the datatrans payment page. Now enter the card details and based on the success, cancel or error response you will be redirected back to our odoo Webshop.

1.1 Features

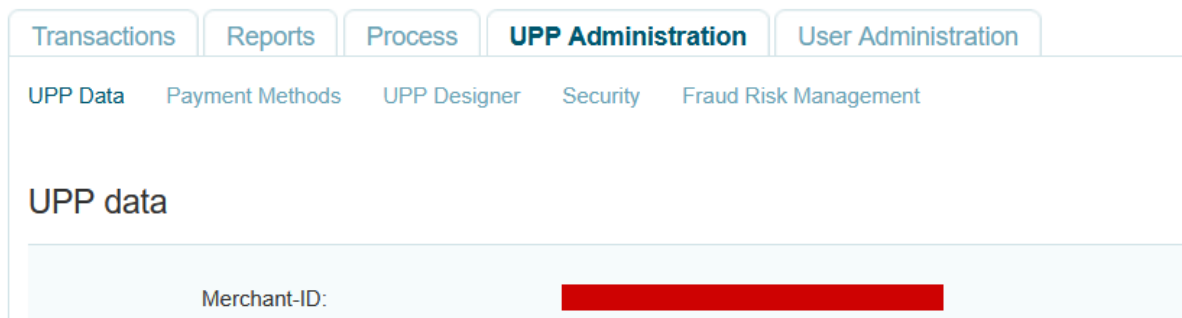
Version: 12.0, 13.0 14.0 & 15.0:

- Covers the basic payment transaction workflow
- Customizable Datatrans 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 Tool interface. At the top, there is a navigation bar with tabs: Transactions, Reports, Process, UPP Administration (selected), and User Administration. Below this, there is a sub-navigation bar with links: 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 - Password



The screenshot shows the Datatrans Webadmin Tool interface. At the top, there is a navigation bar with tabs: Transactions, Reports, Process, UPP Administration (selected), and User Administration. Below this, there is a sub-navigation bar with links: UPP Data, Payment Methods, UPP Designer, Security, and Fraud Risk Management. The main content area is titled "Server-to-Server services security" and contains a form. The form has a section titled "Security signature" with a checkbox labeled "Protect server-to-server services with password:" which is checked. Below this, there are two input fields: "Username:" and "Password:", both with red rectangular input fields. At the bottom right of the form, there is a button labeled "Generate new password".

Screenshot 3: 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 format).
Signed are parameters aliasCC (optional), Merchantid, Amount, Currency and Reference number.
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 4: Datatrans Acquirer Configuration: Enable Dynamic Signature

Test Environment
Acquirers
Logging

Datatrans Acquirer Configuration

MerchantID
Enable Dynamic Signature
Sign
Password
Language

☒
English

Theme Configuration

Brand Color
Text Color
Logo Type

#FFFFFF
White
None

Logo Border Color
Brand Button
Image


#cccccc
True

Description

Screenshot 5: Payment Acquirer Listing

Datatrans - Credit Cards <div> <p>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</p> <p>Enabled</p> </div>	Datatrans <div> <p>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</p> <p>Enabled</p> </div>
--	---

Screenshot 6: Acquirer Detail Page

 Log History

Datatrans - Credit Cards

State

Enabled

Website

Credentials

Configuration

Messages

Payment Form

Displayed as

Supported Payment Icons

VISA

American Express

Diners Club International

Discover

MasterCard

UnionPay

myOne Card

Availability

Countries

Payment Followup

Payment Journal

datatrans-cc

Datatrans Configurations

Datatrans Config

Datatrans Acquirer Configuration

Payment Mode

Redirect Mode

Screenshot 7: Address Page

Your Address

Be aware!

You are editing your **billing and shipping** addresses at the same time!
If you want to modify your shipping address, create a [new address](#).

Some required fields are empty.

Name

Email

Phone

Birth Date

Gender








Subscription















Register Number

Screenshot 8: Ecommerce Pay Now Page

Pay with

☐ Wire Transfer

☒ Datatrans - Credit Cards
 









☐ Datatrans
 














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


Screenshot 9: Datatrans Payment Page


[<](#) PIT Solutions (server)


Choose your payment method






USD 3000.00


 Visa

 Mastercard

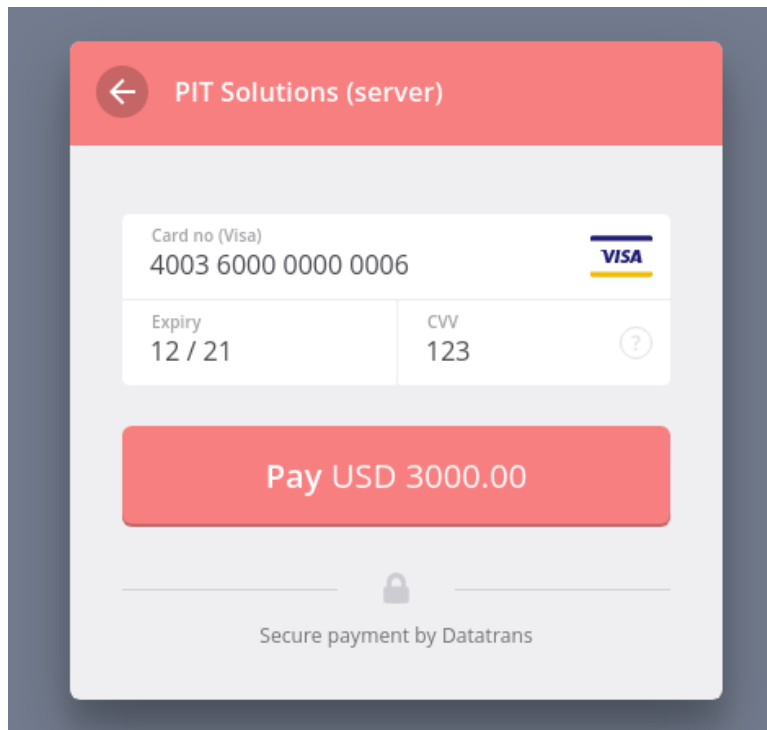
 American Express

 Diners Club

 Discover


 Secure payment by Datatrans

Screenshot 10: Datatrans Payment Detail Page



Screenshot 11: 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 12: 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 13: Datatrans Log History

Datatrans Log History



Search...

▼ Filters

≡ Group By

★ Favorites

1-44 / 44 < >

<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 dynamic 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