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.
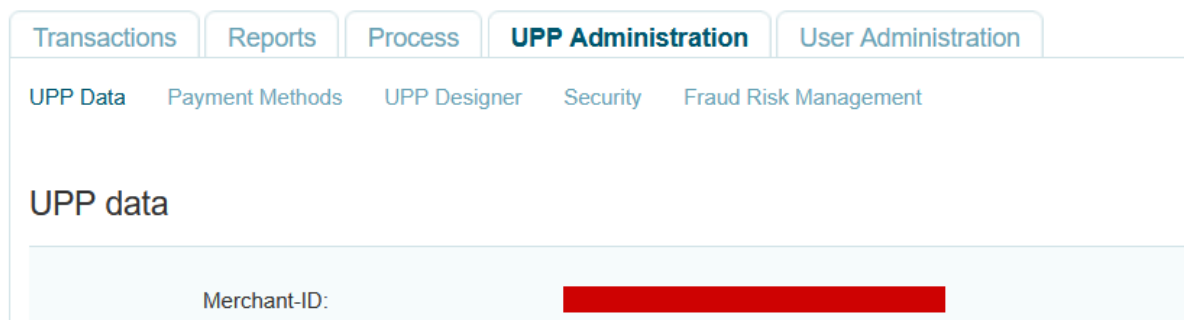
1.1 Features

Version: 12.0, 13.0 14.0 & 15.0:

- Covers the basic payment transaction workflow

- Customizable 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

Screenshot 2: Datatrans Webadmin Tool - 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 s

→ 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 form
    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")