

Authorisation Service

OmniPay is your global solution for processing payments cost-effectively and efficiently. With the OmniPay Authorisation Service, you'll have 24X7 secure authorisation switching for both domestic and international merchants on behalf of merchant acquirers.

Card brand support

OmniPay supports a wide range of payment products including:

- Visa
- JCB
- Diners Card International
- Discover
- Maestro
- ELV (German Electronic Direct Debits)
- China Union Pay

Supported business profiles

In addition to card present POS processing, we also support these transaction types and products:

- Card Present EMV offline PIN
- Card Present EMV online PIN
- Card Not Present – MOTO
- Dynamic Currency Conversion
- e-Commerce
- Secure e-Commerce –MasterCard SecureCode and Verified by Visa
- Purchase With Cashback
- SecureCode for telephone orders
- MasterCard Gaming (Payment of winnings)
- Address Verification Service
- Recurring and Installment
- Hotel Gratuity
- Unattended Petrol
- Aggregator
- Maestro Advanced Registration Program (MARP)

Supported authorisation message protocols

- OmniPay ISO8583
- APACS 70

Options for authorisations connectivity to OmniPay

There are many options available to merchants and Payment Service Providers for authorisations connectivity to the OmniPay platform.

TNS – Various Telecommunications Protocols:

with the telecommunications capabilities of our partner TNS, it is possible to establish authorisations connectivity to OmniPay using:

- PSTN
- ISDN
- GSM
- SSL
- GPRS
- X25
- TCP/IP

DataWire VXN – Internet: Using the DataWire VXN, the merchant or PSP location can use outbound internet access for secure and PCI compliant transaction delivery over the internet.

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The OmniPay authorisation system allows us to provide our merchants a high quality, highly efficient and functionally rich authorisation service. From e-Commerce 3D Secure to Card Present EMV Online PIN support, we as the acquirer have the comfort of knowing that our merchants are benefiting from the best and most reliable service available.”

COO PaySquare BV

Connectivity to the Card Schemes

Visa

Each OmniPay Data Centre has either two or four Visa EAS servers and resilient connectivity to Visa Europe, Visa US, Visa Canada, Visa CEMEA and Visa AP.

MasterCard

Each OmniPay Data Centre has a dedicated MasterCard MIP and resilient connectivity to the MasterCard MIP in the other Data Centre. OmniPay have connections to Banknet for both European and non-European authorisations.

Diners/Discover

Each OmniPay Data Centre has connectivity to Diners Club International which is also used to process Discover Card authorisations.

JCB

Each OmniPay Data Centre has connectivity to Japan Credit Bureau which is used to process JCB authorisations.

Contact us:

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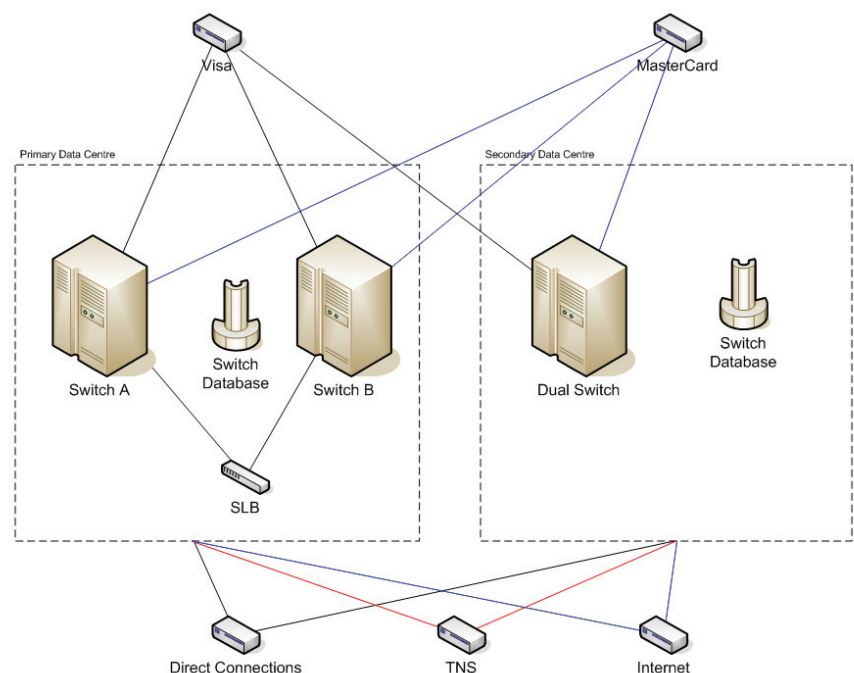
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Direct Connections: Some Payment Service Providers with larger transaction volumes establish their own TCP/IP connectivity and provide their own routers within OmniPay's primary and secondary Data Centres. This infrastructure can also be used for submission of settlement files and for the exchange of other files if required.

VPN Connections: OmniPay provide a facility for VPN connectivity for authorisations, offering customers a cost effective and secure means of communication.

OmniPay Authorisation Server Resilience



Hardware and scheme connectivity resilience are supported by also maintaining at the Production Data Centre a second hot backup authorisation host which is configured with different connectivity to the card schemes. With separate card scheme Access Points defined on each server OmniPay can provide local resilience and ensure that maintenance or upgrades can be performed non-disruptively.

A second level of resilience is provided by the 'Dual Switch' at OmniPay's Secondary Data Centre. This is an additional active authorisation host with its own database containing the same merchant static data as the primary authorisation host database, but with its own separate transactional data. Inbound customer connectivity and outbound card scheme connectivity are provided to both the Production Data Centre and the Secondary Data Centre, and the transaction carriers can decide to route authorisations to the secondary switch if the production switch is unavailable for any reason. Subsequently, transaction carriers can automatically direct traffic back to the Production Data Centre when connection quality has been restored.

The OmniPay authorisation solution is designed to provide our clients with a 100% available authorisation service, 24 x 7 x 365, guaranteeing the highest levels of service quality.