AVS - Address verification

✓ Please contact Axepta helpdesk to activate this feature on your MID.

Scope

This feature is only available for cardholder from UK, USA and Canada.

Visa and Mastercards

Request

ℹ The following table describes the **additional** encrypted payment request parameters described below for "interface via form" and "interface via Server-to-Server" :

Key	Format	CND	Description
TransID	an..12	M	TransactionID which should be unique for each payment
RefNr	an..12	O	Merchant's unique reference number, which serves as payout reference in the acquirer EPA file. Please note, without the own shop reference delivery you cannot read out the EPA transaction and regarding the additional BNP settlement file (CTSF) we cannot add the additional payment data.
AddrStreet	ans..30	O	Street name of the customer (for AVS)
AddrStreetNr	ans..30	O	Street number of the customer (for AVS)
AddrZip	ans..10	O	Postcode of the customer (for AVS)
AddrCity	ans..20	O	Town/city of the customer (for AVS)
AddrCountryCode	n3	O	Customer's country code according to ISO-3166-1 numeric (3-digits) (for AVS)

Response

Address Verification can be performed on a number of card schemes, subject to Issuer and Acquirer support. The result is returned as a code within the parameter **Match**. Following tables explain the meaning of the result values from different Acquirers.

Following AVS parameters are returned for via **CB2A**:

Code for „Match"	Description
A	Postcode and address fully match
B	Postcode and address partially match
C	Postcode and address do not match
D	Control was not performed or was not performed for all data elements

American Express

Request

ℹ The following table describes the **additional** encrypted payment request parameters described below for "interface via form" and "interface via Server-to-Server" :

Key	Format	CND	Description
FirstName	ans..15	O	First name of the customer (for AVS)
LastName	ans..30	O	Last name of the customer (for AVS)
AddrStreet	ans..20	O	Street name and street number, e.g. 18850~N~56~ST~#301 (for AVS)
AddrZip	n..9	O	Postcode (for AVS)
eMail	ans..60	O	Email address of the customer (for AVS)
Phone	n..10	O	Phone number of the customer: for countries which do not use this system, please send the last 10 digits (for AVS)
sdFirstName	ans..15	O	First name in the delivery address (for AVS)
sdLastName	ans..30	O	Last name in the delivery address (for AVS)
sdStreet	ans..50	O	Street name and street number in th delivery address, e.g. 4102~N~289~ST~#301 (for AVS)
sdZip	n..9	O	Postcode in the delivery address
sdCountryCode	n3	O	Country code of the delivery address according to ISO-3166-1 numeric (3-digits) (for AVS)
sdPhone	ans..10	O	Phone number in the delivery address: for countries which do not use this system, please send the last 10 digits (for AVS)

Response

Address Verification can be performed on a number of card schemes, subject to Issuer and Acquirer support. The result is returned as a code within the parameter **Match**. Following tables explain the meaning of the result values from different Acquirers.

Following AVS parameters are returned for American Express via **CAPN**:

Code for „Match"	Description
Y	Address and ZIP matches
N	Address and ZIP both did not match
A	only address matches
Z	only ZIP matches
U	Information not available
S	SE not allowed for AAV function
R	Retry, system unavailable
L	Name and ZIP match
M	Name, address and ZIP match
O	Name and address match
K	Name match
D	Name does not match and ZIP matches
E	Name does not match, address and ZIP match
F	Name does not match, address matches
W	Name, address and ZIP does not match