

A1.3 Request Crypt Fields

Name	Mandatory	Format	Max Length	Allowed Values	Description
VendorTxCode	Yes	Aa 0-9 { } - _	40 chars		This should be your own reference code to the transaction. Your site should provide a completely unique <code>VendorTxCode</code> for each transaction.
Amount	Yes	0-9 - ,		0.01 to 100,000.00	Amount for the transaction containing minor digits formatted to 2 decimal places where appropriate. e.g. 5.10 or 3.29. Values such as 3.235 will be rejected. Minimum for no minor unit currencies like JPY is 1. Amounts must be in the UK currency format. The period must be used to indicate the decimal place. The comma must only be used to separate groups of thousands.
Currency	Yes	ISO4217	3 chars	ISO 4217 Examples: GBP , EUR and USD	The currency the transaction is performed in. This must be supported by one of your Sage Pay merchant accounts or the transaction will be rejected.
Description	Yes	<HTML>	100 chars		Free text description of goods or services being purchased. This will be displayed on the Sage Pay payment page as the customer enters their card details.
SuccessURL	Yes	RFC1738	2000 chars		This should be the fully qualified URL (including http:// or https:// header). It is the URL of the page/script to which the user is redirected if the transaction is successful. You may attach parameters if you wish. Sage Pay Form will also send an encrypted field containing important information appended to this URL (see below).
FailureURL	Yes	RFC1738	2000 chars		This should be the fully qualified URL (including http:// or https:// header). It is the URL of the page/script to which the user is redirected if the transaction is not successful, aborted or an error occurs. You may attach parameters if you wish. Sage Pay Form will also send an encrypted field containing important information appended to this URL (see below).

CustomerName	No	Aa á / \ & - ' , 0-9	100 chars		If provided the customer's name will be included in the confirmation emails and stored in MySagePay.
CustomerEMail	No	RFC532N	255 chars		If provided, the customer will be emailed on completion of a successful transaction (but not an unsuccessful one). If you wish to use multiple email addresses, you should add them using the : (colon) character as a separator. e.g. me@mail1.com:me@mail2.com
VendorEMail	No	RFC532N	255 chars		If provided, an email will be sent to this address when each transaction completes (successfully or otherwise). If you wish to use multiple email addresses, you should add them using the : (colon) character as a separator. e.g. me@mail1.com:me@mail2.com
SendEMail	No	0-9	Flag	0 1 2	0 = Do not send either customer or vendor emails 1 = Send customer and vendor emails if addresses are provided 2 = Send vendor email but NOT the customer email If you do not supply this field, 1 is assumed and emails are sent if addresses are provided.
EmailMessage	No	<HTML>	7500 chars		A message to the customer which is inserted into the successful transaction emails only. If provided this message is included toward the top of the customer confirmation emails.
BillingSurname	Yes	Aa á / \ & - ' , 0-9	20 chars		Customer billing details. All mandatory fields must contain a value, apart from the BillingPostcode. The BillingPostcode can be blank for countries that do not have postcodes (e.g. Ireland) but is required in all countries that do have them. Providing a blank field when information is required will cause an error.
BillingFirstnames	Yes	Aa á / \ & - ' , 0-9	20 chars		
BillingAddress1	Yes	Aa á / \ & - ' , 0-9 : + () CR / LF	100 chars		

BillingAddress2	No	Aa á / \ & - - ' , 0-9 : + () CR / LF	100 chars		The BillingState becomes mandatory when the BillingCountry is set to US .
BillingCity	Yes	Aa á / \ & - - ' , 0-9 : + () CR / LF	40 chars		
BillingPostCode	Yes	Aa - 0-9	10 chars		
BillingCountry	Yes	ISO3166	2 chars	ISO 3166 Examples: GB , IE and DE	
BillingState	No	US	2 chars	Examples: AL , MS and NY	
BillingPhone	No	0-9 - Aa + ()	20 chars		
DeliverySurname	Yes	Aa á / \ & - - ' , 0-9	20 chars		Customer delivery details. All mandatory fields must contain a value, apart from the DeliveryPostcode. The DeliveryPostcode can be blank for countries that do not have postcodes (e.g. Ireland) but is required in all countries that do have them. Providing a blank field when information is required will cause an error. The DeliveryState becomes mandatory when the DeliveryCountry is set to US .
DeliveryFirstnames	Yes	Aa á / \ & - - ' , 0-9	20 chars		
DeliveryAddress1	Yes	Aa á / \ & - - ' , 0-9 : + () CR / LF	100 chars		
DeliveryAddress2	No	Aa á / \ & - - ' , 0-9 : + () CR / LF	100 chars		
DeliveryCity	Yes	Aa á / \ & - - ' , 0-9 : + () CR / LF	40 chars		
DeliveryPostCode	Yes	Aa - 0-9	10 chars		
DeliveryCountry	Yes	ISO3166	2 chars	ISO 3166 Examples: GB , IE and DE	
DeliveryState	No	US	2 chars	Examples: AL , MS and NY	
DeliveryPhone	No	0-9 - Aa + ()	20 chars		

Basket	No	<HTML>	7500 chars	See A1.4	<p>You can use this field to supply details of the customer's order. This information will be displayed to you in MySagePay.</p> <p>If this field is supplied then the <code>BasketXML</code> field should not be supplied.</p>
AllowGiftAid	No	BOOLEAN	Flag	0 (default) 1	<p>This flag allows the gift aid acceptance box to appear for this transaction on the payment page. This only appears if your vendor account is Gift Aid enabled.</p> <p>0 = No Gift Aid box displayed (default)</p> <p>1 = Display Gift Aid box on payment page.</p>
ApplyAVSCV2	No	0-9	Flag	0 (default) 1 2 3	<p>Using this flag you can fine tune the AVS/CV2 checks and rule set you've defined at a transaction level. This is useful in circumstances where direct and trusted customer contact has been established and you wish to override the default security checks.</p> <p>0 = If AVS/CV2 enabled then check them. If rules apply, use rules (default)</p> <p>1 = Force AVS/CV2 checks even if not enabled for the account. If rules apply, use rules.</p> <p>2 = Force NO AVS/CV2 checks even if enabled on account.</p> <p>3 = Force AVS/CV2 checks even if not enabled for the account but DON'T apply any rules.</p> <p>This field is ignored for PAYPAL transactions.</p>

Apply3DSecure	No	0-9	Flag	0 (default) 1 2 3	<p>Using this flag you can fine tune the 3D-Secure checks and rule set you've defined at a transaction level. This is useful in circumstances where direct and trusted customer contact has been established and you wish to override the default security checks.</p> <p>0 = If 3D-Secure checks are possible and rules allow, perform the checks and apply the authorisation rules. (default)</p> <p>1 = Force 3D-Secure checks for this transaction if possible and apply rules for authorisation.</p> <p>2 = Do not perform 3D-Secure checks for this transaction and always authorise.</p> <p>3 = Force 3D-Secure checks for this transaction if possible but ALWAYS obtain an auth code, irrespective of rule base.</p> <p>This field is ignored for PAYPAL transactions.</p>
BillingAgreement	No	BOOLEAN	Flag	0 1	<p>This field is for future use. It is not currently possible to perform Repeats for PayPal Transactions using the FORM Integration method.</p>
BasketXML	No		20000 chars	See A1.5	<p>A more flexible version of the current basket field which can be used instead of the basket field.</p> <p>If this field is supplied then the Basket field should not be supplied.</p>
CustomerXML	No		2000 chars	See A1.6	<p>This can be used to supply information on the customer for purposes such as fraud screening.</p>
SurchargeXML	No		800 chars	See A1.7	<p>Use this field to override current surcharge settings in "My Sage Pay" for the current transaction. Percentage and fixed amount surcharges can be set for different payment types.</p>

VendorData	No	Aa 0-9	200 chars		Use this field to pass any data you wish to be displayed against the transaction in MySagePay.
ReferrerID	No	Aa á / \ & - ' , 0-9 : + () CR / LF	40 char		This can be used to send the unique reference for the Partner that referred the Vendor to Sage Pay.
Language	No	ISO639	2 chars	ISO 639-2 Examples: EN , DE and FR	The language the customer sees the payment pages in is determined by the code sent here. If this is not supplied then the language default of the shopper's browser will be used. If the language is not supported then the language supported in the templates will be used. Currently supported languages in the Default templates are: French, German, Spanish, Portuguese, Dutch and English.
Website	No	Aa á / \ & - ' , 0-9 : + () CR / LF	100 chars		Reference to the website this transaction came from. This field is useful if transactions can originate from more than one website. Supplying this information will enable reporting to be performed by website.
FIRecipientAcctNumber	No	Aa 0-9	10 chars		This should either be the first 6 and the last 4 characters of the primary recipient PAN (no spaces). Where the primary recipient account is not a card this will contain up to 10 characters of the account number (alphanumeric), unless the account number is less than 10 characters long in which case the account number will be present in its entirety. This field is only required for UK merchants who have a merchant category code of 6012 (Financial Institutions)
FIRecipientSurname	No	Aa	20 chars		This is the surname of the primary recipient. No special characters such as apostrophes or hyphens are permitted. This field is only required for UK merchants who have a merchant category code of 6012 (Financial Institutions)

FIRecipientPostcode	No	Aa 0-9			<p>This is the postcode of the primary recipient.</p> <p>This field is only required for UK merchants who have a merchant category code of 6012 (Financial Institutions)</p>
FIRecipientDoB	No	0-9			<p>This is the date of birth of the primary recipient in the format YYYYMMDD</p> <p>This field is only required for UK merchants who have a merchant category code of 6012 (Financial Institutions)</p>

12.0URLs

The table below shows the complete set of web addresses (URLs) to which you send the transaction registration post.

Environment	URL
TEST	https://test.sagepay.com/gateway/service/vspform-register.vsp
LIVE	https://live.sagepay.com/gateway/service/vspform-register.vsp