

Sips Payment Acceptance Solution

Product Document Data Dictionary



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VERSION HISTORY

Date (yyyy/mm/dd)	Version	Description
2016/07/19	18	<p><i>Release 2016 #4 delivery:</i></p> <p>Addition of following <u>data</u>:</p> <ul style="list-style-type: none"> dueDate, orderDescription, subMerchantAddress, subMerchantCategoryCode, subMerchantId, subMerchantLegalId, subMerchantShortName. <p>Addition of the following <u>values</u>:</p> <ul style="list-style-type: none"> transactionStatus : PREPROD. <p>Update of the following <u>data</u>:</p> <ul style="list-style-type: none"> Description revised for captureDay, captureLimitDate. <p>Update of the following <u>format</u>:</p> <ul style="list-style-type: none"> Description revised for S (specifying the characters replaced by space), Description revised for ISO8601 (specifying time zone).
2016/05/04	17	<p><i>Release 2016 #3 delivery:</i></p> <p>Addition of following <u>data</u>:</p> <ul style="list-style-type: none"> cardCSCPresence, cofidis4x, sddMandatId, threeDHolderAuthentStatus, walletPaymentMeanAlias, Cofinoga data (cofinoga, paymentMeanTradeOption, paymentMeanTradeOptionList), Fraud data (preAuthenticationProfileValue, preAuthenticationRuleResultList, preAuthorisationProfile, preAuthorisationProfileValue, preAuthorisationRuleResultList, ruleCode, ruleDetailedInfo, ruleResult, ruleResultIndicator, ruleSetting, ruleType, ruleWeight), Multilateral Interchange Fee data (cardInterchangeCategoryCode, interchangeFee, paymentMeanBrandSelectionMode, paymentMeanBrandSelectionStatus). <p>Addition of the following <u>values</u>:</p>

Date (yyyy/mm/dd)	Version	Description
		<p>holderAuthentMethod : NO_AUTHENT, holderAuthentProgram : THREE_DS, paymentMeanBrand/Type:COFIDIS_4X, redirectionStatusCode : 34.</p> <p>Update of the following <u>data</u>: Description revised for Check3DS, checkCSC, complementaryInfo, contractNumber, preAuthenticationColor, preAuthenticationProfile, preAuthenticationThreshold, preAuthenticationValue, scoreThreshold.</p> <p>Update of the following <u>values</u>: paymentMeanType reviewed for the privative payment method., Correction of the values sealAlgorithm, paymentStatus, Correction of the responseCode 34,</p> <p>Update of the following <u>format</u>: automaticResponseStatus is ANS20 (instead of A15), avsAddressResponseCode and avsPostcodeResponseCode are AN1, bypass3DS is ANS20 (restricted values), feeType is ANS20 (restricted values).</p> <p>Deletion of the following <u>values</u>: holderAuthentProgram: VME, paymentMeanBrand/Type: VME, walletType: VME.</p>
2016/01/15	16	<p><i>Release 2016 #2 delivery:</i></p> <p>Addition of following <u>data</u>: bcaCup, bypassDcc, intermediateServiceProviderId, Cofidis data (cofidis3x, cofidisDisplayCancelButton, cofidisPrivateData, preScoreValue, settlementModeComplement, unEuroCom), AfterPay data for future use (initials, productTaxCategory).</p> <p>Addition of the following <u>values</u>: dccStatus:04 paymentMeanBrand/Type:1EUROCOM, BCACUP, COFIDIS_3X.</p> <p>Update of the following <u>data</u>: Descriptions revised for areaList.EEA and ZEURO, Description revised for complementaryCode:43, Description revised for transactionActors:BtoC.</p>

Date (yyyy/mm/dd)	Version	Description
		<p>Update of the following <u>format</u>: Unicode characters allowed for returnUrlContext.</p> <p>Details on the use of the wallets MasterPass and Paylib for the payment means' logos display.</p>
2015/11/10	15	<p>Release 2016 #1 delivery:</p> <p>Addition of following <u>data</u>: Presto Plus data (financialProduct, paymentMeanCustomerId, presto, prestoCardType), Risk Management data (riskManagementDynamicParam, riskManagementDynamicSetting, riskManagementDynamicSettingList, riskManagementDynamicValue), Encryption data (sealAlgorithm).</p> <p>Addition of the following <u>values</u>: bypassCtrlList:SimilarityIpCardCountry, paymentMeanBrand/Type:PRESTO.</p> <p>Deletion of the following <u>value</u>: paymentMeanBrand/Type:MINITIX.</p> <p>Update of the following <u>values</u>: Rules/descriptions revised for the values of bypassCtrlList, Rules/descriptions revised for the values of complementaryCode.</p> <p>Update of the following <u>formats</u>: seal is ANSI28 (instead of ANSI64), settlementArchivingReference is ANSI50 (instead of ANSI34).</p>
2015/08/27	14	<p>Release 2015 #6 delivery:</p> <p>Addition of following <u>data</u>: holderAddressCountry, holderAuthentResponseCode.</p> <p>Update of the following <u>values</u>: Rule name revised for complementaryCode:23, 25, 44.</p>
2015/07/09	13	<p>Release 2015 #5 delivery:</p>

Date (yyyy/mm/dd)	Version	Description
		<p>Addition of following <u>values</u>: currencyCode:344, bypassCtrlList:3DSStatus, CapCollarAmount.</p> <p>Update of the following <u>data</u>: Reserved for future use: preAuthenticationColor, preAuthenticationInfo, preAuthenticationProfile, preAuthenticationThreshold, preAuthenticationValue.</p> <p>Update of the following <u>values</u>: Description revised for the values of bypassCtrlList, Rules/descriptions revised for the values of complementaryCode, Description revised for holderAuthentStatus:NOT_PARTICIPATING.</p> <p>Update of the following <u>format</u>: authorisationId is ANS32, makedPan is NS19, Special characters allowed for redirectionVersion, Clarification made on the ISO8601 format.</p> <p>Update of the associated documents regarding the risk management. Risk management terminology: use of “antifraud rules” instead of “fraud checks”.</p>
2015/05/18	12	<p><i>Release 2015 #4 delivery:</i></p> <p>Addition of following <u>data</u>: acquirerNativeResponseCode, customerBank, customerBankName, messageFunction.</p> <p>Addition of following <u>values</u>: complementaryCode:23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, AA, AB, AC, AD, AE, AF, AG, AH, customerBankAccountType:NOT_SPECIFIED, operationName:VERIFY_ACCOUNT, Description revised for the values of complementaryCode.</p> <p>Update of the following <u>format</u>: special characters allowed for hashSalt1, hashSalt2, merchantWalletId, newPwd, paymentPattern, pwd.</p>
2015/03/30	11	<p><i>Release 2015 #3 delivery:</i></p>

Date (yyyy/mm/dd)	Version	Description
		<p>Addition of following <u>data</u>:</p> <ul style="list-style-type: none"> feeType, holderAdditionalReference, s10TransactionIdsList, 3DS IN-APP data (authentRedirectionUrl, paReqMessage, paResMessage). Cetelem NxCB data (cetelemNxcb, nxcbTransactionReference1, nxcbTransactionReference2, s10NxcbTransactionId1, s10NxcbTransactionId2) Risk Management data (riskManagementCustomData, riskManagementCustomDataList, riskManagementCustomSequence, riskManagementCustomValue). <p>Addition of following <u>values</u>:</p> <ul style="list-style-type: none"> interfaceVersion:IR_MB_1.x, paymentMeanBrand/Type: NXCB, NXCB_PREL, PAYTRAIL, responseCode:11, sdkOperationName: PAYMENTPROVIDERORDER, THREEDESECUREANDORDER. <p>Update of the following <u>data</u>:</p> <ul style="list-style-type: none"> chargebackReasonCode is AN8 (instead of N4), Decription revised for redirectionData, Decription revised for redirectionUrl. <p>Update of the following <u>values</u>:</p> <ul style="list-style-type: none"> Description revised for holderAuthentStatus:CANCEL, interfaceVersion revised for: versions and JSON on Sips Paypage.
2015/01/29	10	<p><i>Release 2015 #2 delivery:</i></p> <p>Addition of following <u>data</u>:</p> <ul style="list-style-type: none"> checkAVS, fundTransferNumber, outerRedirectionUrl, transactionContextData, transactionContextVersion, 3DS disengageable data (authenticationLevelBypass, authorisationLevelBypass, preAuthenticationColor, preAuthenticationInfo, preAuthenticationProfile, preAuthenticationThreshold, preAuthenticationValue). <p>Addition of following <u>values</u>:</p> <ul style="list-style-type: none"> acquirerResponsecode:17, 24, 25, 40, 65, 75, 87, 92, 94, cardScheme:ACCORD,

Date (yyyy/mm/dd)	Version	Description
		<p>complementaryCode:18, 19, currencyCode:356, operationName:HOTLIST_CHECK, VALIDATE_CHALLENGE, paymentMeanBrand/Type:CB, ELV, FLASHNPAY and addition of a column "Details", validationIndicator:N.</p> <p>Deletion of following <u>data</u>: buyster.</p> <p>Deletion of following <u>values</u>: (BUYSTER) guaranteeIndicator:Y, N,</p> <p><u>Corrections</u> about possible values of the following data: areaList:UEUR (instead of EU27), paymentStatus, currencyCode:953 corresponds to CFP Franc.</p>
2014/12/04	09	<p>Release 2015 #1 delivery: Addition of following <u>data</u>: estimatedDeliveryDelay, issuerWalletInformation, requestDateTime, settlementArchivingReference, shoppingCartTotalTaxAmount, transactionLink, validationIndicator, walletActionNameList, Transaction reference 1.0 data (s10FromTransactionId, s10FromTransactionIdDate, s10FromTransactionReference, s10TransactionId, s10TransactionIdDate, s10TransactionReference).</p> <p>Addition of following <u>values</u>: holderAuthentStatus:BYPASS, NOT_SPECIFIED operationName: BLACKLIST_CHECK, ACCEPT_CHALLENGE, REFUSE_CHALLENGE paymentMeanBrand/Type:ECV/VOUCHER, transactionStatus:TO_CHALLENGE.</p> <p>Deletion of following <u>values</u>: paymentMeanBrand:BUYSTER</p>
2014/10/21	08	<p>Release 2014 #5 delivery: Addition of following <u>data</u>:</p>

Date (yyyy/mm/dd)	Version	Description
		<p>Accord Data (accord, accordkdo, acquirerResponseIdentifier, acquirerResponseMessage, additionalAuthorisationNumber, depositRefundIndicator, facilypay, holderData, paymentMeanTradingName, receiverType, settlementModeVersion),</p> <p>Card Information data (cardProductProfile),</p> <p>Basket/Fraud data (deliveryChargeAmount, deliveryData, deliveryMethod, deliveryMode, deliveryOperator, estimatedDeliveryDate, mainProduct, productCategory, productCode, productDescription, productName, productQuantity, productSKU, productTaxRate, productUnitAmount, productUnitTaxAmount, shoppingCartDetail, shoppingCartItem, shoppingCartItemList, shoppingCartTotalAmount, shoppingCartTotalQuantity)</p> <p>Addition of following <u>values</u>: orderChannel: INAPP, values Acquiring contract associated, paymentMeanBrand: 3XCBCOFINOGA, ACCORD, ACCORD_KDO, ACCORD_3X, ACCORD_4X, AURORE, CVA, GIROPAY, PASSBE, POSTFINANCE.</p> <p>Deletion of following <u>values</u>: cardCreditDebitIndicator: H, P, holderAuthentProgram: 1EUROCOM.</p> <p>Update of the following <u>format</u>: orderId is ANS32 (special characters allowed)</p>
2014/07/24	07	<p><i>Release 2014 #4 delivery:</i></p> <p>Addition of following <u>data</u>:</p> <p>Card info data (cardCorporateIndicator, cardData, cardDataList, cardEffectiveDateIndicator, cardIIN, cardProductCode, cardProductName, cardSeqNumberIndicator, issuerCode, issuerCountryCode, issuerName, issuerRegionCode, panCheckAlgorithm, panLengthMin, panLengthMax, paymentMeanInfoResponseCode),</p> <p>ELV SEPA data (creditorId, customerAccount, customerBankAccountType, customerBankCode, elv),</p> <p>SDD mandate certification data (billingFirstDate, customer3DSTransactionDate, customerBillingNb, customerDeliverySuccessFlag, customerPhoneValidationMethod, customerRegistrationDateOnline)</p>

Date (yyyy/mm/dd)	Version	Description
		<p>customerRegistrationDateProxi deliveryFirstDate, evidenceAcquisitionDate evidenceNumber, evidenceType, mandateCertificationType),</p> <p>Carrefour PASS (belgium) payment data (passbe, settlementMode, settlementModeList).</p> <p>Addition of following <u>values</u>: cardCreditDebitIndicator:H, P, interfaceVersion:PMR_WS_2.0.</p>
2014/07/07	06	<p><i>Release 2014 #3 delivery:</i> <i>From now on each data appears <u>once</u> (even if in different containers)</i> Addition of following <u>data</u>: cofinoga3xcb, creditIndicator, fromTransactionRemainingAmount, remainingAmount.</p> <p>Addition of following <u>values</u>: complementaryCode:3L, customerLanguage:cn, jp, pt, ru, sk, interfaceVersion:MR_WS_2.x, WR_WS_2.x, operationName:RECYCLE.</p> <p><u>Corrections</u> about possible values of the following data: interfaceVersion.</p> <p>Update of the following <u>format</u>: complementaryInfo is ANS restricted.</p>
2014/03/31	05	<p><i>Release 2014 #2 delivery:</i> Addition of following <u>format</u>: U (Unicode). Addition of following <u>data</u>: panType, paymentMeanData.cofinoga, publicKeyValue, publicKeyVersion, sdkOperationName, sdkVersion, seal.</p> <p>Addition of following <u>value</u>: threeD.securityIndicator:87, walletType:PAYLIB</p> <p>Update of the following <u>format</u>: cardNumber is ANSI28 (should be a token)</p>

Date (yyyy/mm/dd)	Version	Description
2014/01/28	04	<p><i>Release 2014 #1 delivery:</i></p> <p>Addition of following <u>data</u>: bic, fromMerchantId, iban, mandateld.</p> <p>Addition of following <u>values</u>: paymentMeanBrand/Type:CBCONLINE, paymentMeanBrand/Type:INGHOMEPAY, paymentMeanBrand/Type:KBCONLINE, complementaryCode:17, acquirerResponsecode:62.</p>
2013/12/23	03	<i>Release 4 & 5 delivery</i>
2013/07/08	02	Add report fields
2013/08/23	01	Initial version

NB: only an "Approved" document will be considered valid.

ASSOCIATED DOCUMENTS

Doc ID	Reference
DiD01	WLSIPS.005 GD Glossary
DiD02	WLSIPS.003 GD Functional presentation
DiD03	WLSIPS.302 UG Fraud Risk Management Go-No-Go
DiD04	WLSIPS.322 UG Fraud Risk Management Business Score

1 INTRODUCTION

1.1 ABOUT WORLDLINE SIPS

To better apprehend the solution, you are advised to visit <http://sips.worldline.com/>.

All terms, acronyms, expressions specific to Sips Payment Acceptance Solution context are defined in the document [DiD01].

Please refer to it whenever required.

1.2 PURPOSE OF THIS DOCUMENT

The purpose of the present document is to describe the fields:

- used when communicating with the Merchant Webservice Interface,
- contained in the reports intended for the merchant.

2 FORMAT CONVENTION

Value	Description
N	Indicate that Numeric value [0-9] is accepted
A	Indicate that Alphabetic value [aA-zZ] is accepted
S	Indicate that Special characters are accepted. Nevertheless please note that the following characters are replaced with space : ; : " \n \r
U	Indicates that the unicode (UTF-8) characters are accepted
numeric	Indicate the maximum size of the field
YYYY	Indicate the year
YY	Indicate the 2 last digit of the year
MM	Indicate the month
DD	Indicate the day
hh	Indicate hours (24h)
mm	Indicate minutes
ss	Indicate seconds
H	Indicate that binary value in hexadecimal format [0-9,a-f,A-F] is accepted
ISO8601	Indicate an ISO8601 DateTime format (ANS25): YYYY-MM-DDThh:mm:sszzzzzz <ul style="list-style-type: none"> • YYYY-MM-DD : Year, Month, Day, with '-' as a separator • T : « T » static value indicating that the following is a time description. • hh:mm:ss : Hour, Minute, Second with ':' as a separator. A fraction of a second can be added to this time using a dot or a comma as a separator. • zzzzzz : time zone or time shift compared to UTC using one of the following formats : « Z » for zero meridian and « +hh:mm » or « -hh:mm » for the others time zone. <p>Example: 2014-02-06T07:06:00Z or 2014-02-06T07:06:00.123+02:00</p>
email	Indicates that an email adress is accepted.
phone	Indicates that a phone number is accepted (numeric with the following characters [+ -] and blank).
ipAddress	Indicates that an IP v4 adress is accepted (ex: 123.1.34.67)
url	Indicates that an url is accepted
base64Url	ANS with following accepted special characters [_- =]
restrictedString	ANS with following accepted special characters [_@.- +] and blank
list	ANS with following accepted special characters [_@.- +,] and blank. Values separated by comma
extendedString	ANS with following special characters [.,;:_!<>+ =*^/\&~#"'"`{}()[]\$%@] and blank
restricted values	Indicates a restricted list of accepted values

3 DATA DICTIONARY

Field Name	Format	Description	Appendix
accord	Container	Information specific to Accord card payment method.	
accordkdo	Container	Information specific to Accord Cadeau card payment method.	
acquirerContractNumber	AN20	<i>Please see "contractNumber"</i>	
acquirerNativeResponseCode	ANS10	Response code returned by the acquirer, in its own codification, during an authorisation request.	
acquirerResponseCode	AN2 (restricted values)	Response code returned by the acquirer during an authorisation request.	acquirerResponseCode
acquirerResponseIdentifier	ANS20	Acquirer response identifier to the originator of the transaction.	
acquirerResponseMessage	ANS512	Acquirer response message to the originator of the transaction (for example, message to be displayed to the holder or the cashier)..	
additionalAuthorisationNumber	N6	Additional authorisation number sent by the acquirer.	
addressAdditional1	ANSU50 (restrictedString)	Addition 1 to the address.	
addressAdditional2	ANSU50 (restrictedString)	Addition 2 to the address.	

Field Name	Format	Description	Appendix
addressAdditional3	ANSU50 (restrictedString)	Addition 3 to the address.	
addrOverride	ANS20 (restricted values)	Indicator allowing the merchant to display the delivery address on PayPal pages, if the address to be displayed is the address communicated by the merchant or the address stored by PayPal, this indicator determines if the address stored by PayPal can be amended by the customer.	addrOverride
allowedCardArea	AN10 (restricted values)	Identifier on a predefined list of card countries accepted by the merchant. This option is used as part of regulation (for example, online games).	areaList
allowedCardCountryList	ANS128 (list)	List of card country codes authorised to make a payment. ISO 3166 list of country codes.	countryList
allowedIpArea	ANS128 (list)	Name of a pre-established list of buyer IP country codes authorised to make a payment.	areaList
allowedIpCountryList	ANS128 (list)	List of buyer IP country codes authorised to make a payment ISO 3166 list of country codes.	countryList
amount	N12	Transaction amount. The amount must be transmitted in the smallest unit of currency. <i>For example in euros: an amount of EUR 10.50 must be transmitted in the form 1050.</i>	
amountsList	N12	List of amounts for the occurrences for payment in instalments. The amount is transmitted in the smallest unit of currency: Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	

Field Name	Format	Description	Appendix
authenticationData	Container	Contains the information on the cardholder's authentication.	
authenticationLevelBypass	ANS256 (list)	List of antifraud rules provided by the merchant to bypass current pre-authentication checks.	
authentRedirectionUrl	URL	Redirection URL to an authentication server.	
authorisationId	AN10/ANS32	Authorisation ID returned by the acquirer if the authorisation request is accepted. During a forcing operation, this field contains the authorisation identifier supplied during the call to the merchant's call centre referral from its bank.	
authorisationLevelBypass	ANS256 (list)	List of antifraud rules provided by the merchant to bypass current pre-authorisation checks.	
automaticResponseStatus	ANS20 (restricted values)	State of the sending of the automatic response to the merchant's server for a transaction created using the Sips Paypage interface.	automaticResponseStatus
automaticResponseUrl	ANS512 (url)	URL provided by the merchant and used by the payment server to automatically notify the merchant of the result of the transaction online.	
automaticReverse	A1	Systematically reverses and rejects accepted authorisations.	
avsAddressResponseCode	AN1 (restricted values)	Contains the result of the AVS ADDRESS check.	avsResponseCode

Field Name	Format	Description	Appendix
avsPostcodeResponseCode	AN1 (restricted values)	Contains the result of the AVS POSTCODE check.	avsResponseCode
bankCode	AN11	<i>Please refer to "bic"</i>	
bcaCup	Container	Contains specific information on the CUP Card of Banque Casino payment method.	
bic	AN11	Business Identifier Code (BIC) as described in ISO 9362. It identifies the institution code, its country and its location (on 8 characters), and the institution's branch (on 11 characters).	
billingAddress	Container	Contains the billing address information for the buyer.	
billingContact	Container	Contains the billing contact's information.	
billingFirstDate	N8 (YYYYMMDD)	First successful billing date for the customer address. For example, the merchant gives this information to allow the certification of an electronic signature.	
birthCity	ANSU50 (restrictedString)	Birthplace.	
birthCountry	N3	Country of birth.	
birthDate	N8 (YYYYMMDD)	Date of birth.	
birthZipCode	ANS10 (restrictedString)	Postal code for the birth.	

Field Name	Format	Description	Appendix
bypass3DS	ANS20 (restricted values)	Indicator used by the merchant to bypass the 3-D Secure procedure.	bypass3DS
bypassCtrlList	ANS256 (list)	List of antifraud rules provided by the merchant to bypass current transaction rules.	bypassCtrlList
bypassDcc	AN1 (restricted values)	Indicator used by the merchant to bypass the dcc procedure.	bypassDcc
bypassInfoList	ANS256 (list)	List of information provided by the merchant to bypass fraud information.	bypassInfoList
bypassReceiptPage	AN1 (restricted values)	Indicator making it possible to mask the ticket page during payment (the Internet user is immediately redirected to the shop's response url).	bypassReceiptPage
captureDay	N2	Collection time before payment.	
captureLimitDate	N8 (YYYYMMDD)	Payment collection date for the transaction.	
captureMode	ANS20 (restricted values)	Payment collection method for the transaction.	captureMode
cardAuthPolicy	Container	Authentication policy for card.	
cardCorporateIndicator	A1 (restricted values)	Indicator Corporate of a card (Y/N/Empty)	

Field Name	Format	Description	Appendix
cardCreditDebitIndicator	A1 (restricted values)	Credit/Debit card indicator, C = Credit card D = Debit card	cardCreditDebitIndicator
cardCSCPresence	ANS20 (restricted values)	Presence indicator of the Card Security when capturing the payment data during the payment.	cardCSCPresence
cardCSCResultCode	AN2 (restricted values)	Response code for the Card Security Value check returned in the authorisation response.	cardCSCResultCode
cardCSCValue	N4	Visual card security code on the bank card transmitted in the authorisation request (CSC, Card Security Code, referred to as CVV for Visa, CVC for Mastercard and 4DBC for American Express).	
cardData	Container	Contains specific information regarding a card	
cardDataList	Composite list	List of cards returned to a card information request.	
cardEffectiveDate	N6 (YYYYMM)	Card's start date.	
cardEffectiveDateIndicator	A1 (restricted values)	Indicator of existence of a card effective date (Y/N/Empty)	
cardExpiryDate	N6 (YYYYMM)	<i>Please refer to "panExpiryDate"</i>	
cardIIN	N6	Issuer Identification Number (IIN).	

Field Name	Format	Description	Appendix
cardInterchangeCategoryCode	AN2	Category code of the card taken into account during the interchange.	cardInterchangeCategoryCode
cardNumber	N19/ANS128	Card number (format N19 unless the card number is a Token, and in this case, the format is ANS128).	
cardProductCode	AN5	Product code of the card.	
cardProductName	ANS70	Product name of the card.	
cardProductProfile	A1 (restricted values)	Profile code of the card.	cardProductProfile
cardScheme	ANS20 (restricted values)	Network name associated with the card.	cardScheme
cardSeqNumber	N2	Card sequence number allocated by the issuer.	
cardSeqNumberIndicator	AN1 (restricted values)	Indicator of existence of an issue number	cardSeqNumberIndicator
cavv	ANS28	Cardholder's authentication verification value communicated in the MPI during 3-D Secure payments.	
cavvAlgorithm	N1 (restricted values)	Algorithm indicator used to generate a CAVV communicated in the MPI during 3-D Secure payments.	cavvAlgorithm
cetelemNxcb	Container	Contains specific information on Cetelem NxCB payment method.	

Field Name	Format	Description	Appendix
chargeAmount	N12	Amount of the surcharge of payment transaction, if applicable.	
chargebackAcquirerReference	ANS20	Acquirer's chargeback reference.	
chargebackAmount	N12	Chargeback amount.	
chargebackDocumentRequestDate	N8 (YYYYMMDD)	Date of the document request.	
chargebackDocumentRequestReason	AN1	Reason for the document request.	
chargebackReasonCode	AN8	Chargeback reason code.	
chargebackSettlementDate	N8 (YYYYMMDD)	Clearing date of the chargeback.	
chargedBankAccount	AN11	Merchant account number to which the chargeback was charged.	
chargedBankAdminCounter	AN5	Code for the Merchant's management branch to which the chargeback is charged.	
chargedBankCode	N5	Merchant bank code to which the chargeback was charged.	
chargedBankCounter	N5	Sort code for the Merchant's bank to which the chargeback was charged.	
check3DS	A6	FORCE/BYPASS. Indicator to execute the 3DS check for issuer wallet payment means (used by MasterPass). For masterPass, 3DS check is activated	

Field Name	Format	Description	Appendix
checkAVS	A1	Indicator to execute the AVS check. By default, the control is deactivated. Y (true): to execute the AVS check.	
checkCSC	A6	FORCE/BYPASS. Indicator to execute the CSC check for issuer wallet payment means.	
city	ANSU50 (restrictedString)	City of the address.	
cofidis3x	Container	Contains specific information on Cofidis 3xCB payment method.	
cofidis4x	Container	Contains specific information on Cofidis 4xCB payment method.	
cofidisDisplayCancelButton	AN4	Information displaying a "Cancel" button (or link) on the 3xCB payment pages hosted by Cofidis.	
cofidisPrivateData	ANS256	Specific data exchanged between the merchant and Cofidis.	
cofinoga	Container	Contains specific information on Cofinoga payment method.	
cofinoga3xcb	Container	Contains specific information on Cofinoga 3xCB payment method.	
company	ANSU50 (restrictedString)	Company for the address.	
complementaryCode	AN2 (restricted values)	Additional response code from the Sips server returned in the response. This field is only filled out if you have signed up for additional checks for the Sips e-payment solution.	complementaryCode

Field Name	Format	Description	Appendix
complementaryInfo	ANS255 (extendedString)	Additional information from the Sips server sent back in the response.	Please refer to [DiD03] documentation
contractNumber	AN20	Contract number assigned by the acquirer to identify a merchant contract.	
contractType	AN1	Acquirer contract type. Set for card payments.	
country	A3 (restricted values)	Country code for the address.	countryList
creditIndicator	ANS1 (restrictedString)	Credit indicator specifies the choice of payment by the holder or commercial operation of the acceptor	
creditorId	ANS35	Unique identifier of the creditor. For SEPA, the Creditor Identifier (CI) is required to send Direct Debit instructions.	
currencyCode	N3 (restricted values / ISO4217)	Currency code for the transaction. This code is ISO 4217 compatible.	currencyCode
currentAmount	N12	Current transaction amount. The current amount may differ from the origin amount if operations were completed on the transaction (cancellation, validation etc.) The amount is transmitted in the smallest unit of currency: Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	

Field Name	Format	Description	Appendix
customer3DSTransactionDate	N8 (YYYYMMDD)	Date of a 3D Secure transaction successfully realised for the customer. For example, the merchant gives this information to allow the certification of an electronic signature.	
customerAccount	AN34	Account number of the customer either in national, or international or specific codification. The format is specified in the field customerBankAccountType (eg IBAN ...).	
customerAddress	Container	Contains the customer's address information.	
customerBank	Container	Contains the customer's bank information.	
customerBankAccountType	ANS20 (restricted values)	Format of the customer bank code and account.	customerBankAccountType
customerBankCode	AN11	Bank code of the customer either in national, or international or specific codification. The format is specified in the field customerBankAccountType (eg BIC ...).	
customerBankName	ANS150	Bank name of the customer.	
customerBillingNb	N3	Number of billing realised for the customer address. For example, the merchant gives this information to allow the certification of an electronic signature.	
customerContact	Container	Contains the customer's information.	
customerData	Container	Contains the customer's information.	

Field Name	Format	Description	Appendix
customerDeliverySuccessFlag	A1 (restricted values)	Successful delivery flag for the customer. For example, the merchant gives this information to allow the certification of an electronic signature.	customerDeliverySuccessFlag
customerId	ANS19 (restrictedString)	Customer identifier	
customerIpAddress	NS19 (ipAddress)	Buyer's IP address.	
customerLanguage	A2 (restricted values)	Language of the user, used on the payment pages.	customerLanguage
customerPhoneValidationMethod	ANS20 (restricted values)	Method used to validate the customer phone number. For example, the merchant gives this information to allow the certification of an electronic signature.	customerPhoneValidationMethod
customerRegistrationDateOnline	N8 (YYYYMMDD)	Online registration date of the customer. For example, the merchant gives this information to allow the certification of an electronic signature.	
customerRegistrationDateProxi	N8 (YYYYMMDD)	On site (Point Of Sale) registration date of the customer. For example, the merchant gives this information to allow the certification of an electronic signature.	
datesList	YYYYMMDD (list)	List of the dates of occurrences for payment in instalments.	
dccAmount	N12	Amount of the DCC transaction (include exchange rate), in card holder currency.	
dccCurrencyCode	N3 (restricted values)	Currency code of the card holder.	currencyCode

Field Name	Format	Description	Appendix
dccExchangeRate	ANS10	DCC exchange rate used for the transaction.	
dccExchangeRateValidity	ANS25 (ISO8601)	Date/Time of validity of the DCC exchange rate.	
dccProvider	ANS30	DCC provider name.	
dccResponseCode	N2 (restricted values)	DCC response code of the transaction.	dccResponseCode
dccStatus	N2 (restricted values)	DCC status of the transaction.	dccStatus
deliveryAddress	Container	Contains the delivery address information.	
deliveryChargeAmount	N12	Total shipping costs for the order.	
deliveryContact	Container	Contains the delivery contact's information.	
deliveryData	Container	Contains the delivery information.	
deliveryFirstDate	N8 (YYYYMMDD)	First successful delivery date at the customer address. For example, the merchant gives this information to allow the certification of an electronic signature.	
deliveryMethod	ANS20	Method chosen for delivery (standard, priority, ...).	
deliveryMode	ANS20	Mode of the delivery (Post Office, in a participating store, ...).	

Field Name	Format	Description	Appendix
deliveryOperator	ANS255	Name of the carrier ensuring the delivery.	
deniedCardArea	AN10 (restricted values)	Identifier of a predefined list of card countries refused by the merchant.	areaList
deniedCardCountryList	ANS128 (list)	List of country codes for cards not authorised to make a payment	countryList
deniedIpArea	ANS128 (list)	Name of a pre-established list of buyer IP country codes not authorised to make a payment.	areaList
deniedIpCountryList	ANS128 (list)	List of buyer IP country codes not authorised to make a payment ISO 3166 list of country codes.	countryList
depositRefundIndicator	A1 (restricted values)	Indicator of deposit refund. If the merchant suspects fraud, he can choose to refund or not the deposit.	depositRefundIndicator
dueDate	N8 (YYYYMMDD)	Please see "ValueDate".	
dupCustom	ANS127	Paypal Field left free for the merchant, taken into account when dupFlag is set to "Y"	
dupDesc	ANS127	Description of the reason for PayPal duplication, possible when dupFlag is set to "Y". Shown to the Internet user on their PayPal account in the transaction details.	
dupFlag	AN1 (restricted values)	Indicator allowing the PayPal transaction to be duplicated. "N" default value (cannot be duplicated).	dupFlag

Field Name	Format	Description	Appendix
dupType	ANS30 (restricted values)	Paypal Duplication type. This optional information is taken into account when dupFlag is "Y".	dupType
eci	N2 (restricted values)	Electric commerce indicator communicated in the MPI during 3-D Secure payments.	eci
elv	Container	Contains specific information on german ELV payment method (Elektronisches LastschriftVerfahren).	
email	ANS128 (email)	Contact's email address.	
errorFieldName	ANS50	Error field name of the incoming request. Present when responseCode = 12 or 30.	
estimatedDeliveryDate	N8 (YYYYMMDD)	Estimated delivery date by the merchant.	
estimatedDeliveryDelay	N3	Estimated delivery delay (in days) by the merchant.	
evidenceAcquisitionDate	N8 (YYYYMMDD)	Date when the customer has provided the proof to the merchant. For example, the merchant gives this information to allow the certification of an electronic signature.	
evidenceNumber	ANS50	Number of the proof provided by the customer. For example, the merchant gives this information to allow the certification of an electronic signature.	
evidenceType	ANS20 (restricted values)	Type of proof provided by the customer. For example, the merchant gives this information to allow the certification of an electronic signature.	evidenceType

Field Name	Format	Description	Appendix
exchangeAmount	N12	Counter value amount.	
exchangeCurrencyCode	N3 (restricted values / ISO4217)	Counter value currency code. This code is ISO 4217 compatible.	currencyCode
exchangeUnpaidAmount	N12	Counter value chargeback amount.	
expirationDate	ANS20 (ISO8601)	Expiry date of the payment request initiated by the merchant.	
facilypay	Container	Information specific to Accord Oney FacilyPay (online credit) payment method.	
feeAmount	N12	Amount of the payment acquisition commission. The amount is transmitted in the smallest unit of currency: Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	
feeCurrency	N3 (restricted values / ISO4217)	Currency code for the commission. This code is ISO 4217 compatible.	currencyCode
feeType	ANS20 (restricted values)	Sign of the commission on merchant's account.	feeType
financialProduct	AN3	Financial product chosen by the buyer. Currently, this reference is applied for Presto : – standard credit (CLA) only , – standard credit (CLA) AND opening revolving card account (CCH).	

Field Name	Format	Description	Appendix
firstname	ANSU50 (restrictedString)	First name of the contact.	
fraudData	Container	Contains the transaction's antifraud rules parameters, allowing the merchant to dynamically customise the rules registered in the merchant configuration.	
fromMerchantId	AN15	merchantId of the transaction from which an extended duplication is done .	
fromTransactionReference	AN35	Reference for the original transaction during a duplication operation or a transaction completion to reference the authorisation.	
fromTransactionRemainingAmount	N12	Remaining amount of the mother transaction (the transaction from which the recycle operation is done)	
fundTransferNumber	AN12	Transfer number assigned by the acquirer in order to identify a payment flow on the merchant account.	
gender	A1	Gender of the contact, male (=M) or female (=F).	
grossAmount	N12	Gross amount for the transaction paid. The amount is transmitted in the smallest unit of currency. Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	
guaranteeIndicator	A1 (restricted values)	Transaction's guarantee level.	guaranteeIndicator
hashAlgorithm1	ANS20 (restricted values)	Cryptographic function used to calculate the hashPan.	hashAlgorithm

Field Name	Format	Description	Appendix
hashAlgorithm2	ANS20	<i>Please see "hashAlgorithm1"</i>	
hashPan1	AN128	Cryptographic PAN identifier, calculated by Sips.	
hashPan2	AN128	<i>Please see "hashPan1"</i> .	
hashSalt1	ANS32 (restrictedString)	Random value (called a seed) provided by the merchant to calculate the hashPan.	
hashSalt2	ANS32 (restrictedString)	<i>Please see "hashSalt1"</i> .	
holderAdditionalReference	ANS35	Additional reference of the holder that is communicated to the acquirer system or the issuer system in order to make some additional dedicated checks.	
holderAddress	Container	Contains the payment mean holder's address information.	
holderAddressCountry	A3 (restricted values)	Country code for the payment mean holder's address.	countryList
holderAuthentMethod	ANS20 (restricted values)	Name of the method applied to authenticate a payment mean holder	holderAuthentMethod
holderAuthentProgram	ANS20 (restricted values)	Authentication program	holderAuthentProgram
holderAuthentRelegationCode	A1 (restricted values)	Code indicating, for 3-D Secure authentication, if the security level transmitted in the ECI code was compromised by the issuer.	holderAuthentRelegationCode

Field Name	Format	Description	Appendix
holderAuthentResponseCode	A2 (restricted values)	Response code of the authentication process.	holderAuthentResponseCode
holderAuthentStatus	ANS20 (restricted values)	Result of the authentication process.	holderAuthentStatus
holderContact	Container	Contains contact details of the payment mean holder.	
holderData	Container	Contains the payment mean holder's information.	
iban	AN34	International Bank Account Number (IBAN) identifying a bank account in conformity with ISO 13616.	
ignoreAddressCheckResult	A1	Indicator to ignore the ADDRESS check result (default is to reject the payment) Y (true): to ignore	
ignoreCSCCheckResult	A1	Indicator to ignore the CSC check result (default is to reject the payment). Y (true): to ignore	
ignorePostcodeCheckResult	A1	Indicator to ignore the POSTCODE check result (default is to reject the payment). Y (true): to ignore	
initials	ANSU10 (restrictedString)	Future Use. Contact's initials.	
instalmentData	Container	Contains the information making it possible to make a payment in instalments.	

Field Name	Format	Description	Appendix
interfaceVersion	ANS20 (restrictedString)	Version value and number of the interface used.	interfaceVersion
intermediateServiceProviderId	AN15	Identifier of the Service used by the merchant for the exchanges with the Sips platform.	
invoiceId	AN127	Order number, same as the orderId but with PayPal, it must be unique. Mandatory in order to use PayPal.	
invoiceReference	N20	Bill identifier.	
interchangeFee	N12	Amount of the interchange fees (exchanged between the acquirer and the issuer) in the transaction's currency.	
issuerEnrollementIndicator	N2 (restricted values)	Indicator of issuer enrollment to authentication programme	issuerEnrollementIndicator
issuerCode	AN6	Issuer code of the card	
issuerCountryCode	A3 (restricted values)	Country code of the card issuer	countryList
issuerName	ANS250	Issuer name of the card	
issuerRegionCode	AN1 (restricted values)	region code of the card issuer	regionList
issuerWalletAuthPolicy	Container	Authentication policy for wallet.	
issuerWalletInformation	ANS255	Information given by the wallet provider intended for the merchant in response to a transaction creation request.	

Field Name	Format	Description	Appendix
keyVersion	N10	Version of the merchant's secret key used to calculate the imprint of the message (key stored by the merchant to verify the imprint of the automatic and manual notifications).	
landingPage	AN1 (restricted values)	Indicator allowing the merchant to mask the subscription form on PayPal pages.	landingPage
lastname	ANSU50 (restrictedString)	Last name of the contact.	
lastOperationDateTime	ANS25 (ISO8601)	Date and time of the last operation applied to the transaction diagnosed.	
lastOperationName	ANS30 (restricted values)	Name of the last operation completed on a transaction.	operationName
mainProduct	ANSU255	The most expensive product in the shopping cart.	
mandateAuthentMethod	ANS20 (restricted values)	Type of signature used for the creation of the mandate.	mandateAuthentMethod
mandateCertificationType	ANS20 (restricted values)	Mandate signature certification type.	mandateCertificationType
mandateId	AN35	Mandate number.	
mandateUsage	ANS20 (restricted values)	Type of mandate used.	mandateUsage

Field Name	Format	Description	Appendix
maskedPan	NS19	Masked Primary Account Number. In the case of wallets, masked PAN of the payment mean registered in the wallet.	
merchantId	N15	Identifier of the shop, this value is provided to the merchant by Sips during the shop registration.	
merchantLegalId	N14	Legal identifier of the merchant (local codification specific to each country).	
merchantName	AN25	Merchant name (equivalent to the Merchant name registered during the Shop enrollment).	
merchantSessionId	ANS256 (restrictedString)	Merchant's session number. Allows consolidation between requests and responses.	
merchantToken	ANS128	PAN token in the format requested by the merchant.	
merchantTokenOrigin	ANS20 (restricted values)	Source of the calculation for the merchant's tokenPAN.	merchantTokenOrigin
merchantTransactionDateTime	ANS25 (ISO8601)	Date and time of the transaction, set by the merchant at the merchant's local time (in the merchant's time zone)	
merchantUrl	AN2048	Merchant web site URL.	
merchantWalletId	ANS21 (restrictedString)	Customer's Wallet identifier.	
messageFunction	ANS20 (restricted values)	Role (function) of the request sent to the acquirer. For example indicates if the request relates to an authorisation request or an authorisation reversal.	messageFunction
mobile	NS30 (phone)	Mobile telephone number for the contact.	

Field Name	Format	Description	Appendix
mobile (paypal)	AN1 (restricted values)	Indicator allowing the merchant to specify if the terminal used by the Internet user is a mobile.	paypal.mobile
nationalityCountry	A3	Country of nationality.	
netAmount	N12	Net amount (amount credited to the merchant's account). The amount is transmitted in the smallest unit of currency. Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	
newAmount	N12	Amount of the transaction updated after checkout operation. For example, if after having completed an accepted authorisation request for EUR 10.00, a merchant cancels EUR 3.00, the newAmount field at the end of the cancellation shall be EUR 7.00. The amount is transmitted in the smallest unit of currency. Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	
newPwd	ANS10 (restrictedString)	New password.	
newStatus	ANS20 (restricted values)	Status of the transaction updated after a checkout operation. The status of a transaction is described by different keywords which change during the operations it undergoes.	transactionStatus
normalReturnUrl	ANS512 (url)	Merchant's URL for the return to the shop in case of acceptance of the transaction.	
number (instalment)	N2 (2 -> 50, list)	Number of occurrences for payment in instalments.	

Field Name	Format	Description	Appendix
nxcTransactionReference1	AN35	Used for Cetelem NxCB. Transaction reference sent by the merchant relating to the first transaction of a payment in instalments. For a three instalments payment, the first transaction represents the one-third of the whole amount. For a four instalments payment, the amount of the first transaction is set to the quarter of the whole amount.	
nxcTransactionReference2	AN35	Used for Cetelem NxCB. Transaction reference sent by the merchant relating to the second transaction, with the remaining amount of a payment in instalments.	
operationAmount	N12	Amount of the operation (refund, cancellation, validation etc). The amount must be transmitted in the smallest unit of currency. For example in euros: an amount of EUR 10.50 must be transmitted in the form 1050.	
operationDateTime	ANS25 (ISO8601)	Date and time at which the operation was completed in Sips.	
operationName	ANS30 (restricted values)	Name of the operation completed on a transaction.	operationName
operationOrigin	ANS20 (restrictedString)	Origin of an operation (for example: name of the programme), set by the merchant. This field will be present in the operations log sent to the merchant on a daily basis.	
operationSequence	N4	Sequence number of the operation in the transaction's life cycle.	

Field Name	Format	Description	Appendix
operationType	ANS20 (restricted values)	Type of operation (DEBIT or CREDIT).	transactionServiceType
orderChannel	ANS20 (restricted values)	Order channel used (Internet, Telephone, Post, Fax etc), Internet is the default value. Use of this field should be reconciled with the conditions defined in the acquirer contract.	orderChannel
orderDescription	ANS127	Order description of purchased items.	
orderId	ANS32	Order number associated with the payment transaction.	
originAmount	N12	Amount of the transaction during its creation. The amount is transmitted in the smallest unit of currency. Example for euros: an amount of EUR 10.50 must be transmitted in the form 1050.	
outerRedirectionUrl	URL	Redirection URL to an outer payment application (eg BCMC mobile application)	
pan	N19 or ANS35	PAN (Primary Account Number). May contain a converted Token PAN (from PAN) in the container responsePanData (in which case, its format will be ANS35)	
panCheckAlgorithm	A1 (restricted values)	Control algorithm applied on the PAN (L/V/N/Empty)	panCheckAlgorithm
panData	Container	PAN to be converted into token PAN.	

Field Name	Format	Description	Appendix
panDataList	Composite list	List of PAN to be converted into token PAN.	
panEntryMode	ANS20 (restrictedValues)	Acceptance technology used to get Primary Account Number information. For example, for a cardholder present payment transaction, indicates if the reader has read the magnetic stripe of the card, the chip, etc...	panEntryMode
panExpiryDate	N6 (YYYYMM)	Expiry date of an instrument associated with a Primary Account Number. For example, for a card, it contains the expiry date for an authorisation request operation. If the payment method does not have a validity date, this field should be empty.	
panId	N5	Sequence number of PAN in the list. This number is the same between the request and the response	
panLengthMin	N2	Minimal length of the PAN	
panLengthMax	N2	Maximum length of the PAN	
panType	ANS20 (restricted values)	Format of the Primary Account Number provided in the data cardNumber	panType
paReqMessage	ANS10240	Payer Authentication Request (PAREq) that the merchant must transmit to ACS for 3-D Secure authentication.	
paResMessage	ANS10240	Payer Authentication Response (PAREs) generated by the ACS for the cardholder authentication response and transmitted to the ThreedSecureService service.	

Field Name	Format	Description	Appendix
paymentMeanAlias	ANS20	Payment mean alias defined by the Buyer and used in the Buyer's wallet	
paymentMeanBrand	ANS20 (restricted values)	Name of the payment method used by the buyer / registered in the wallet.	paymentMeanBrand/Type
paymentMeanBrandList	ANS128 (list)	List of payment methods accepted for a transaction. If this field is not filled out, the Sips server recovers the list of payment methods available for the configuration of the shop.	paymentMeanBrand/Type
paymentMeanBrandSelectionMode	ANS20 (restricted values)	Brand application selection method sent to the acquirer.	paymentMeanBrandSelectionMode
paymentMeanBrandSelectionStatus	ANS20 (restricted values)	Status of the processing of the brand application selection on paypage.	paymentMeanBrandSelectionStatus
paymentMeanCustomerId	ANS21	Client's reference used for the payment method. Currently, this reference is applied for Presto.	
paymentMeanData	Container	Contains specific information regarding the payment method used by the buyer.	
paymentMeanId	N6	Identifier for the payment method in the customer's Wallet.	
paymentMeanInfoResponseCode	N2 (restricted values)	Response code of a payment mean information request	paymentMeanInfoResponseCode
paymentMeanSequence	N6	Payment mean rank in the Buyer's wallet.	

Field Name	Format	Description	Appendix
paymentMeanTradeOption	Container	Trade terms of the payment method and the trade partner.	
paymentMeanTradeOptionList	Composite list	List of trade terms per payment method and trade partner.	
paymentMeanTradingName	ANS50	Trading name of the partner merchant accepting with the payment method. For example, for a privative card, indicates the brand to which the card is "cobranded".	
paymentMeanType	ANS20 (restricted values)	Payment method type (card, transfer, withdrawal, etc).	paymentMeanBrand/Type
paymentPattern	ANS20 (restricted values)	Type of payment (per operation, 1st recurring payment etc).	paymentPattern
paymentStatus	ANS20 (restricted values)	Status of the transaction reconciliation with the processing of the payment collection acquisition.	paymentStatus
paypageData	Container	Contains the parameters for the payment pages, allowing the merchant to dynamically customise the options on payment pages.	
paypal	Container	Contains specific information on PayPal payment method.	
pbaRemittanceNumber	AN12	PBA collection number.	
phone	NS30 (phone)	Telephone number for the contact.	
posNb	N7	Point of sale number.	

Field Name	Format	Description	Appendix
postBox	ANSU50 (restrictedString)	Post box for the address.	
preAuthenticationColor	AS30 (restricted values)	Colour associated with the result of pre-authentication antifraud rules. Used to trigger the authentication level for a given transaction.	scoreColor
preAuthenticationInfo	ANS512	Detailed result of each rule executed during the antifraud controls in pre-authentication, or ERROR if an error is generated during the check sequence.	scoreInfo
preAuthenticationProfile	ANS50	Name of the applied pre-authentication profile. .	Please refer to [DiD03] and [DiD04] documentation
preAuthenticationThreshold	NS10	Thresholds to determine the risk level of a transaction in pre-authentication step.	Please refer to [DiD03] and [DiD04] documentation
preAuthenticationProfileValue	ANS50	Unique identifier of the antifraud profile applied for a transaction in pre-authentication step. Contrary to the profile name, the unique identifier takes into account the dynamic override and the bypassing of the antifraud rules. This identifier allows to retrieve all executed antifraud rules of a transaction and their setup and could be used in case of dispute.	
preAuthenticationValue	NS10	Antifraud result of the pre-authentication check.	Please refer to [DiD03] and [DiD04] documentation
preAuthenticationRuleResultList	Composite list	List containing the result of each executed antifraud rules in pre-authentication step.	Please refer to [DiD03] and [DiD04] documentation
preAuthorisationProfile	ANS50	Name of the applied pre-authorisation profile.	Please refer to [DiD03] and [DiD04] documentation

Field Name	Format	Description	Appendix
preAuthorisationProfileValue	ANS50	Unique identifier of the antifraud profile applied for a transaction in pre-authorisation step. Contrary to the profile name, the unique identifier takes into account the dynamic override and the bypassing of the antifraud rules. This identifier allows to retrieve all executed antifraud rules of a transaction and their setup and could be used in case of dispute.	Please refer to [DiD03] and [DiD04] documentation
preAuthorisationRuleResultList	Composite list	List containing the result of each executed antifraud rules in pre-authorisation step.	Please refer to [DiD03] and [DiD04] documentation
preScoreValue	NS10	Number representing the transaction pre-score determined by the merchant.	
presto	Container	Contains specific information on Presto Plus payment method.	
prestoCardType	AN1	Card type used for Presto Plus if the buyer has chosen a financial product with opening revolving card account.	
processingDateTime	ANS25 (ISO8601)	MPI processing timestamp (XMLGregorianCalendar).	
productCategory	ANS20	Category of the ordered product (for example digital).	
productCode	ANS64	Code of the ordered product.	
productDescription	ANSU255	Detailed description of the ordered product.	
productName	ANSU255	Name of the ordered product.	
productQuantity	N12	Quantity of products in the shopping cart.	

Field Name	Format	Description	Appendix
productSKU	ANS255	Merchant's product identifier code, sent back in the response without modification.	
productTaxCategory	AN1	Future Use. Tax category for the product (eg. 1:High, 2:Low, ...).	
productTaxRate	NS10	Tax rate for the product (eg. 0,1999).	
productUnitAmount	N12	Unit amount of the product. The amount must be transmitted in the smallest unit of currency.	
productUnitTaxAmount	N12	Monetary value of the tax for the product (unit). The amount must be transmitted in the smallest unit of currency.	
publicKeyValue	ANS16	In the context of a payment via Sips In-App, value of the public key that Sips sent to merchant in the response of initialisation in order to encrypt the card data that the merchant will send to Sips.	
publicKeyVersion	ANS20	In the context of a payment via Sips In-App, version of the public key that Sips sent to merchant in the response of initialisation in order to encrypt the card data that the merchant will send to Sips.	
pwd	ANS10 (restrictedString)	Password.	
receiverType	ANS1	Good or service receiver's type (company or private individual)	
recurringResponseCode	N1 (restricted values)	Additional information about a recurring payment decline response	recurringResponseCode

Field Name	Format	Description	Appendix
redirectionData	ANS10240	In case of MPI Standalone, contains the Payer Authentication Request (PAREq) that the merchant must transmit to ACS for 3-D Secure authentication (format: base 64 encoded). In case of external payment provider, contains the context of the transaction sent by the merchant during the transaction initialisation.	
redirectionStatusCode	N2	Status code of redirection to the MPI.	redirectionStatusCode
redirectionUrl	URL	In case of MPI Standalone, contains the ACS URL required for the cardholder authentication phase. In case of in-App payment, contains the URL of the next request.	
redirectionVersion	ANS20 (restrictedString)	Version of the redirection message.	
remainingAmount	N12	Amount available to be recycled	
remittanceDateTime	ANS19 (YYYY-MM-DD hh:mm:ss)	<i>Please see "settlementDateTime"</i>	
remittanceNumber	AN12	Collection number defined by Sips.	
requestDateTime	ANS25 (ISO8601)	Date and Time (UTC) at which the merchant has submitted the request to the Sips server.	
responseCode	N2 (restricted values)	Sips server response code.	responseCode

Field Name	Format	Description	Appendix
responseKeyVersion	N10	Identifier of the merchant's secret key used to calculate the imprint of the response.	
responsePanData	Container	PAN to token conversion response.	
responsePanDataList	Composite list	List of PAN to token PAN conversion response.	
responseTokenPanData	Container	Token to PAN conversion response.	
responseTokenPanDataList	Composite list	List of token PAN to PAN conversion responses.	
returnContext	ANSU255 (extendedString)	Context of a buyer's order. All information transmitted in this field by the merchant during the payment request is sent back in the response without amendment.	
riskManagementCustomData	Container	Merchant specific information to be used by the transactions risk management features.	
riskManagementCustomDataList	Composite list	List of merchant specific information to be used by the transactions risk management features.	
riskManagementCustomSequence	N3	Sequence number of the merchant specific data to be used by the transactions risk management features.	
riskManagementCustomValue	ANSU255	Value of the merchant specific data to be used by the transactions risk management features.	
riskManagementDynamicParam	ANS50 (restricted values)	Name of the setting for antifraud rule to be dynamically overwritten.	riskManagementDynamicParam
riskManagementDynamicSetting	Container	Setting information related to the antifraud rule to be dynamically overwritten.	

Field Name	Format	Description	Appendix
riskManagementDynamicSettingList	Composite list	List of settings for antifraud rules to be dynamically overwritten.	
riskManagementDynamicValue	ANS255	New value to replace the default setting value for antifraud rule.	Please refer to [DiD03] and [DiD04] documentation
ruleCode	AN2 (restricted values)	Identifier of antifraud rule.	Please refer to [DiD03] and [DiD04] documentation
ruleDetailedInfo	ANS255	Detailed information returned once the antifraud rule executed. For example, for card country rule, the country of the card is returned.	Please refer to [DiD03] and [DiD04] documentation
ruleResult	Container	Detailed result of the antifraud rule.	Please refer to [DiD03] and [DiD04] documentation
ruleResultIndicator	AN3 (restricted values)	Execution indicator of the antifraud rule.	Please refer to [DiD03] and [DiD04] documentation
ruleSetting	A1 (restricted values)	Setting up mode of the antifraud rule parameters.	Please refer to [DiD03] and [DiD04] documentation
ruleType	A2 (restricted values)	Type of antifraud rule.	Please refer to [DiD03] and [DiD04] documentation
ruleWeight	AN2 (restricted values)	Weighting of the antifraud rule.	Please refer to [DiD03] and [DiD04] documentation

Field Name	Format	Description	Appendix
s10FromTransactionId	N6	Alternative identifier for the original transaction during a duplication and recycle operation (to be compliant with Sips 1.0). Always used with s10FromTransactionIdDate.	
s10FromTransactionIdDate	N8 (YYYYMMDD)	Date the original transaction was processed on the Sips server (expressed in the Sips server time zone). Always used with s10FromTransactionId.	
s10FromTransactionReference	Container	Contains the identification of the original transaction (to be compliant with Sips 1.0).	
s10NxcbTransactionId1	N6	Used for Cetelem NxCB. Alternative identifier (to be compliant with Sips 1.0) sent by the merchant for the first transaction of a payment in instalment.	
s10NxcbTransactionId2	N6	Used for Cetelem NxCB. Alternative identifier (to be compliant with Sips 1.0) sent by the merchant for the second transaction of a payment in instalment.	
s10TransactionId	N6	The transactionReference is the default way to identify a transaction. s10TransactionId is an alternative identifier for the transaction to be compliant with Sips 1.0. The couple s10TransactionId/s10TransactionIdDate ensures the unicity of the transaction 1.0. The use of this couple instead of transactionReference depends on an option in the merchant configuration.	

Field Name	Format	Description	Appendix
s10TransactionIdDate	N8 (YYYYMMDD)	Date the transaction was processed on the Sips server (expressed in the Sips server time zone). The couple s10TransactionId/s10TransactionIdDate ensures the unicity of the transaction 1.0. The use of this couple instead of transactionReference depends on an option in the merchant configuration.	
s10TransactionIdsList	N6 (list)	List of alternative identifiers for the transaction of occurrences for payment in instalments, to be compliant with Sips 1.0.	
s10TransactionReference	Container	Contains the identification of the transaction (to be compliant with Sips 1.0).	
scoreColor	AS30 (restricted values)	Colour associated with the score. Used to give a comparison between the antifraud rules applied on a payment request.	scoreColor
scoreInfo	ANS512	Return of the antifraud rule applied after the score is calculated, or ERROR if an error is generated during the check sequence.	scoreInfo
scoreProfile	ANS50	Name associated with the profile used to calculate the transaction score.	
scoreThreshold	NS10	Thresholds to determine the risk level of a transaction in pre-authorisation step.	
scoreValue	NS10	Relative number representing the transaction score.	
sdd	Container	Contains specific information on SDD payment method.	

Field Name	Format	Description	Appendix
sdkOperationName	ANS20 (restricted values)	In the context of In-App payment, indicates the operation name chosen during the initialisation phase	sdkOperationName
sdkVersion	ANS20	Version of the SDK used for a payment or operation Sips In-App (Eg. 2.0.4)	
seal	ANS128	Signature of a message. It is used to check the integrity of the request and the authentication of the issuer/receiver to ensure they share the same secret key	
sealAlgorithm	ANS20 (restricted values)	Algorithm applied to calculate the seal encryption.	sealAlgorithm
securityIndicator	N2 (restricted values)	Transaction's security level. This indicator is calculated based on the prior result of the 3-D Secure authentication.	securityIndicator
settlementArchivingReference	ANS50	Archiving reference provided by Sips to the acquirer in order to transaction reconciliation processing.	
settlementDatetime	ANS19 (YYYY-MM-DD hh:mm:ss)	Date and time of payment collection.	
settlementMode	ANS20	Settlement mode chosen by the buyer. The values of this field should be acquirer's native codes. Any conversion is done by Sips.	
settlementModeComplement	AN4	Further information on the settlement mode chosen by the buyer.	

Field Name	Format	Description	Appendix
settlementModeList	Composite list	List of settlement mode allowed by the merchant. The values of this field should be acquirer's native codes. Any conversion is done by Sips.	
settlementModeVersion	N3	Version of the settlement mode defined by the merchant.	
shoppingCartDetail	Container	Information specific to the basket.	
shoppingCartItem	Container	Information specific to an item of the basket.	
shoppingCartItemList	Composite list	List of items in the basket.	
shoppingCartTotalAmount	N12	Total amount of all products in the basket. This amount includes taxes but doesn't include any charges, fees and discounts.	
shoppingCartTotalQuantity	N12	Total quantity of all products in the basket.	
shoppingCartTotalTaxAmount	N12	Total amount of taxes in the basket.	
sourceAmount	N12	Gross transaction amount.	
sddMandateld		<i>Please see « mandateld »</i>	
state	ANSU30 (restrictedString)	Country/region of the address.	
statementReference	ANS100 (extendedString)	Reference provided by the merchant which is sent in the payment collection flow. This reference appears on the account statements (implemented by the acquirer)	

Field Name	Format	Description	Appendix
street	ANSU50 (restrictedString)	Name of the street of the address.	
streetNumber	AN10	Number of the street of the address.	
subMerchantAddress	Container	Contains address information of a merchant of the Payment Facilitator in the context of Collecting offer or a Marketplace offer.	
subMerchantCategoryCode	A4	Merchant Category Code of the merchant of the Payment Facilitator in the context of Collecting offer or a Marketplace offer.	
subMerchantId	AN15	Merchant identifier of the Payment Facilitator in the context of Collecting offer or a Marketplace offer.	
subMerchantLegalId	N14	Legal identifier of vendor as merchant of the Payment Facilitator, expressed in the legal codification specific to each country.	
subMerchantShortName	ANS15	Short name of the merchant of the Payment Facilitator in the context of Collecting offer or a Marketplace offer.	
templateName	ANS32 (restrictedString)	Name of the file corresponding to the style sheet applied on the payment pages.	
terminalId	ANS8	Terminal Identifier (TID). Unique identity allocated to a terminal.	
threeD	Container	Contains cardholder's 3-D Secure authentication information.	
threeDHolderAuthentStatus		<i>Please see "holderAuthentStatus"</i>	
title	A4	Title of the contact.	

Field Name	Format	Description	Appendix
tokenPan	ANS35 (restricted String)	Unique identifier for a PAN returned by the Sips server via the AWL token server in a merchant-oriented format (the format is a parameter in the merchant's configuration).	
tokenPanData	Container	Token PAN to be converted into PAN.	
tokenPanDataList	Composite list	List of token PAN to be converted into PAN.	
tokenPanId	N5	Sequence number of PAN in the list. It is the same sequence number as the one in panDataList request.	
tokenResponseCode	N2 (restricted values)	Response code of each PAN to token conversion.	tokenResponseCode
transactionActors	A4	Indicates the players in the transaction.	transactionActors
transactionContextData	AN 10240	Transaction identification information (merchantId, transactionReference, interfaceVersion) ciphered by means of an internal key.	
transactionContextVersion	ANS20	Version associated with the field transactionContextData	
transactionDateTime	ANS25 (ISO8601)	Date and time the transaction was processed on the Sips server. (expressed in the Sips server time zone)	
transactionLink	ANS20 (restricted values)	Functional link between the transaction and the original transaction.	transactionLink
transactionOrigin	ANS20 (restrictedString)	Origin of a transaction (for example: name of the programme), set by the merchant.	

Field Name	Format	Description	Appendix
transactionReference	AN35	Unique identifier for the payment transaction.	
transactionReferencesList	AN35 (list)	List of references for the transaction of occurrences for payment in instalments.	
transactionServiceType	ANS20 (restricted values)	Direction of the transaction seen from the customer buyer's account.	transactionServiceType
transactionStatus	ANS20 (restricted values)	Status of the transaction during the diagnostic. The status of a transaction is described by different keywords developed during the operations that it undergoes.	transactionStatus
txStatus	A1 (restricted values)	Result of the authentication communicated in the MPI during 3-D Secure payments.	txStatus
unEuroCom	Container	Contains specific information on 1euro.com payment method.	
validationIndicator	A1 (restricted values)	Type of the validation operation. Indicates if a validation is associated with the unblocking of the transaction with the status "to challenge".	validationIndicator
valueDate	N8 (YYYYMMDD)	Payment value date	
velocityElementType	AN50 (restricted values)	Velocity element type. (example: card velocity, customerId, IP...)	velocityElementType
velocityElementValue	AN256	Velocity element type value (example: IP address)	

Field Name	Format	Description	Appendix
velocityMaxNbTransaction	N10	Maximum transaction number authorized for the velocity rule requested. <i>(example: alert beyond 3 transactions)</i>	
velocityMaxTotalAmount	N12	Maximum transactions cumulated amount authorized for the velocity rule requested. <i>(example: alert if cumulated amount beyond 500,00 euros)</i>	
velocityMaxTransactionAmount	N12	Maximum transaction amount of the transaction authorized for the velocity rule requested. <i>(example: alert if cumulated amount beyond 500,00 euros)</i>	
velocityNbTransaction	N10	Transaction number processed during the period.	
velocityPeriod	N4	Period during which the velocity is requested. <i>(example: velocity check during a 2 days duration)</i>	-
velocityProfileName	ANS50	Period, number of days, during which velocity information are requested. <i>(example: velocity check during a 2 days duration)</i>	
velocityProfilePeriod	N10	Period, number of days, during which velocity rule is applied. <i>(example: velocity check during a 2 days duration)</i>	
velocityTotalAmount	N12	Cumulated transaction amount realized during the requested period for the velocity rule. <i>(example: cumulated amount for the period requested of 400 euros)</i>	
walletActionDateTime	ANS25 (ISO8601)	Date/Time of the action on the wallet, in Sips system at the merchant's local time (in the merchant's time zone)	

Field Name	Format	Description	Appendix
walletActionNameList	ANS128 (list)	List of actions expected and limited by the merchant. Only the actions mentioned in this list will be allowed in the session of walletPage.	walletActionNameList
walletCreationDateTime	ANS25 (ISO8601)	Date/Time of the payment mean enrollment, in Sips system at the merchant's local time (in the merchant's time zone)	
walletLastActionDateTime	ANS25 (ISO8601)	Date/Time of the last action on the wallet, in Sips system at the merchant's local time (in the merchant's time zone)	
walletPaymentMeanAlias		<i>Please see "paymentMeanAlias"</i>	
walletPaymentMeanData	Container	Contains specific information regarding the payment mean registered in the wallet.	
walletPaymentMeanDataList	Composite list	List, contains specific information regarding the payment mean registered in the wallet.	
walletResponseCode	N2 (restricted values)	Sips server response code for wallet Management.	walletResponseCode
walletType	ANS20 (restricted values)	Wallet Type.	walletType
Xid	ANS28	Unique transaction ID (generated by the MPI) presented in all 3-D Secure messages and communicated in the MPI during 3-D Secure payments.	
zipCode	ANS10 (restrictedString)	Postal code for the address.	

4 APPENDICES

4.1 ACQUIRERRESPONSECODE

Values	Description
00	Transaction approved or processed successfully
02	Contact payment mean issuer
03	Invalid acceptor
04	Keep the payment mean
05	Do not honour
07	Keep the payment mean, special conditions
08	Approve after identification
12	Invalid transaction
13	Invalid amount
14	Invalid PAN
15	Unknown payment mean issuer
17	Payment aborted by the buyer
24	Operation not authorised
25	Transaction not found
30	Format error
31	Id of the acquiring organisation unknown
33	payment mean expired
34	Fraud suspicion
40	Function not supported
41	Payment mean lost
43	Payment mean stolen
51	Insufficient or exceeded credit
54	Payment mean expired
56	Payment mean missing from the file
57	Transaction unauthorised for this payment mean holder
58	Transaction forbidden to the terminal
59	Fraud suspicion
60	The payment mean acceptor must contact the acquirer
61	Exceeds the amount limit
62	Transaction awaiting payment confirmation
63	Security rules not complied with
65	Allowed number of daily transactions has been exceeded
68	Response not received or received too late
75	Exceeded number of PAN attempts
87	Terminal unknown
90	System temporarily stopped
91	Payment mean issuer inaccessible
92	The transaction does not contain enough information to be routed to the authorizing agency

Values	Description
94	Duplicated transaction
96	System malfunction
97	Request time-out; transaction refused
98	Server unavailable; network routing requested again
99	Incident with initiator domain

4.2 AREALIST

Values	Description
EEA	Member States in the European Economic Area AUT, BEL, BGR, CHE, CYP, CZE, DEU, DNK, ESP, EST, FIN, FRA, GBR, GRC, HRV, HUN, IRL, ISL, ITA, LIE, LTU, LUX, LVA, MLT, NLD, NOR, POL, PRT, ROM, SVK, SVN, SWE
EFTA	Member States in the free trade zone (European Free Trade Association) ISL, LIE, NOR, CHE
FRJEL	List of countries authorised for French online games AUT, BEL, BGR, CYP, CZE, DEU, DNK, ESP, EST, FIN, FRA, GBR, GRC, MLT, NLD, NOR, POL, PRT, ROM, HUN, IRL, ISL, ITA, LTU, LUX, LVA, SVK, SVN, SWE
UEUR	The Member States in the European Union AUT, BEL, BGR, CYP, CZE, DEU, DNK, ESP, EST, FIN, FRA, GBR, GRC, HRV, HUN, IRL, ITA, LTU, LUX, LVA, MLT, NLD, POL, PRT, ROM, SVK, SVN, SWE
ZEURO	Member States in the Eurozone (EMU: Economic and Monetary Union) AUT, BEL, CYP, DEU, ESP, EST, FIN, FRA, GRC, IRL, ITA, LTU, LUX, LVA, MLT, NLD, PRT, SVK, SVN

4.3 AUTOMATICRESPONSESTATUS

Values	Description
SENT	Automatic response is sent to the merchant's server
FAILED	Sending of the automatic response has failed
UNDEFINED	UNDEFINED No automatic response transmission has been defined (the URL of the automatic response has not been filled out)

4.4 AVSRESPONSECODE

Values	Description
0	No data was provided
1	No check has been done
2	Check successful
4	Check failed
8	Partial check

4.5 BYPASSDCC

Values	Description
Y	Bypass the DCC service
N	Propose the DCC service

4.6 BYPASSRECEIPTPAGE

Values	Description
Y (true)	Bypass the Sips receipt page. This choice allows the merchant to display his own receipt page (confirmation of the payment)
N (false)	Display the Sips receipt page

4.7 CAPTUREMODE

Values	Description
AUTHOR_CAPTURE	Cancellation mode: automatic authorisation and payment collection (default value)
IMMEDIATE	Immediate mode: online payment collection at the time of the authorisation request (available for a restricted list of payment methods)
VALIDATION	Validation mode: payment collection following validation of the merchant

4.8 CARDCREDITDEBITINDICATOR

Values	Description
Empty	Unknown
C	Credit (pay after)

Values	Description
D	Debit (pay now)

4.9 CARDCSCPRESENCE

Values	Description
CSC_MISSING	The cardholder has informed the merchant that the cryptogram wasn't printed on his card
CSC_PRESENT	The cryptogram is present
NO_RECURRING	Cryptogram not provided (in a context of instalment or recurring payment)
CSC_UNREADABLE	The cryptogram is present on the card but is not readable
NO_CSC	The cryptogram wasn't recovered by the merchant

4.10 CARDCSCRESULTCODE

Values	Description
Empty	The Internet user's bank has not responded
4E	Incorrect cryptogram
4D	Correct cryptogram
50	Cryptogram not processed
53	Cryptogram missing in the authorisation request
55	The Internet user's bank is not certified; the control could not be performed

4.11 CARDINTERCHANGECATEGORYCODE

Values	Description
Empty	Unknown
EC	European union credit card
ED	European union debit card
ET	European union trade card
EU	European union universal card
NR	European union no regulated card
OE	Outside of European union card

4.12 CARDPRODUCTPROFILE

Values	Description
Empty	Unknown
C	Credit (pay after)
D	Debit (pay now)
H	Charge card (UK specific)
P	Prepaid

4.13 CARDSCHEME

Values	Description
ACCORD	Accord scheme
AMEX	American Express scheme
BCMC	BCMC scheme
CB	Bank Card scheme
MASTERCARD	Mastercard scheme (Example of cards on the Mastercard scheme: Mastercard, Maestro)
VISA	Visa scheme (Example of cards on the Visa scheme: Visa, Vpay, Visa Electron)

4.14 CARDSEQNUMBERINDICATOR

Values	Description
Empty	Unknown
1	Card issue number of length 1
2	Card issue number of length 2
3	Card issue number of length 3
N	No card issue number

4.15 COMPLEMENTARY CODE

Please refer to [\[DiD03\]](#) documentation for further information.

Values	Rule	Description
Empty		No control performed
00	All	All controls that you adhered to have been successfully completed
02	Card Velocity	The card used has exceeded the authorised balance limit
03	Card number grey list	The card used is on the merchant's "grey list"
04	Postal code grey list	<i>Deprecated value.</i> The postal code used is on the merchant's "grey list"
05	Card country / Commercial card (and card country)	<i>Deprecated value.</i> The BIN of the card used belongs to a range which is not referenced on Sip's platform BIN table
06	Card country	The country code related to the card number is not on the list of countries allowed by the merchant
07	Virtual card	Virtual card (e-card) detected
08	BIN range grey list	The card BIN is present in a range on the merchant's "grey list"
09	IP address country	<i>Deprecated value.</i> Unknown country IP
10	IP address country	Denied country IP
11	Hot list	Card in hot/black list
12	IP and card country	Country card / IP address country combination denied
13	Combination of card and IP address country	<i>Deprecated value.</i> Unknown country IP or card. The country code cannot be determined from the card number
14	Systematic authorisation card	Systematic authorisation card
15	Systematic authorisation card	<i>Deprecated value.</i> Unknown BIN (on control of systematic authorisation card)

Values	Rule	Description
16	IP address velocity	IP address in progress exceeded
17	3-D Secure authentication	Blocking related the status of the 3-D Secure authentication process
18	Commercial card (and card country)	The card number is a commercial card number
19	CB scheme card	The card number is not part of the CB scheme
20	Customer ID velocity	Customer ID in progress exceeded
21	Number of customers per card	Maximum number of customer ID per card exceeded
22	Number of cards per customer	Maximum number of cards per customer ID exceeded
23	Card expiry date	The card is going to expire
25	Cap collar Amounts	The amount violates one of the defined boundaries
26	Delivery and billing postal code	Delivery postal code and billing postal code are different
27	Free e-mail address	At least one of email addresses provided is contained in a list of suspicious domain names
28	Customer ID black list	Customer identifier is on the merchant's "black list"
29	Customer ID grey list	Customer identifier is on the merchant's "grey list"
30	Delivery and billing country	Delivery country and billing country are different
31	E-mail address black list	At least one of email addresses provided is on the merchant's "black list"
32	E-mail address grey list	At least one of email addresses provided is on the merchant's "grey list"
33	Phone number black list	At least one of phone number provided is on the merchant's "black list"
34	Phone number grey list	At least one of phone number provided is on the merchant's "grey list"
35	Customer name black list	At least one of contact name provided is on the merchant's "black list"
36	Customer name grey list	At least one of contact name provided is on the merchant's "grey list"
37	IP address black list	Buyer's IP address is on the merchant's "black list"

Values	Rule	Description
38	IP address grey list	Buyer's IP address is on the merchant's "grey list"
39	Postal code black list	The country / postal code combination is on the merchant's "black list"
40	Postal code grey list	The country / postal code combination is on the merchant's "grey list"
41	BIN range black list	The card BIN is present in a range on the merchant's "black list"
42	Delivery and card country	Card country / delivery country combination denied
43	Commercial card (and card country)	The card number is a commercial card number and the issuing country is not associated to a country accepted by the merchant
44	IP address reputations	IP address of the buyer denied
45	Number of cards per IP address	Number of different cards allowed for a given IP address.
46	E-mail address syntax	The email address format provided is incorrect
47	Billing and card country	Card country / billing country combination denied
48	Address Verification	Verification of the delivery address provided. Currently, the controls of the address are applicable in the case of payment method ELV (Infoscore checks).
49	Account Verification	Verification of the account provided. Currently, the controls of the account are applicable in the case of payment method ELV (Infoscore checks).
50	Card number black list	The card used is on the merchant's "black list"
99	All	the Sips server encountered a problem during the processing of one of the additional local checks
AA	Card number white list	Card number is on the merchant's "white list"
AB	Customer ID white list	Customer identifier is on the merchant's "white list"
AC	E-mail address white list	At least one of email addresses provided is on the merchant's "white list"
AD	Phone number white list	At least one of phone number provided is on the merchant's "white list"

Values	Rule	Description
AE	IP address white list	Buyer's IP address is on the merchant's "white list"
AF	Customer name white list	At least one of contact name provided is on the merchant's "white list"
AG	Postal code white list	The country / postal code combination is on the merchant's "white list"
AH	BIN Range white list	The card BIN is present in a range on the merchant's "white list"
3L	Authent guarantee	Reason of the refusal of the transaction which is the transaction is not guaranteed by any entity (acquirer, wallet provider, etc.)

4.16 COUNTRYLIST

Values	Description
ABW	ARUBA
AFG	AFGHANISTAN
AGO	ANGOLA
AIA	ANGUILLA
ALA	ÅLAND ISLANDS
ALB	ALBANIA
AND	ANDORRA
ARE	UNITED ARAB EMIRATES
ARG	ARGENTINA
ARM	ARMENIA
ASM	AMERICAN SAMOA
ATA	ANTARCTICA
ATF	FRENCH SOUTHERN TERRITORIES
ATG	ANTIGUA AND BARBUDA
AUS	AUSTRALIA
AUT	AUSTRIA
AZE	AZERBAIJAN
BDI	BURUNDI
BEL	BELGIUM
BEN	BENIN
BES	BONAIRE, SINT EUSTATIUS AND SABA
BFA	BURKINA FASO
BGD	BANGLADESH
BGR	BULGARIA
BHR	BAHRAIN
BHS	BAHAMAS
BIH	BOSNIA AND HERZEGOVINA
BLM	SAINT KITTS AND NEVIS
BLR	BELARUS
BLZ	BELIZE
BMU	BERMUDA
BOL	BOLIVIA, PLURINATIONAL STATE OF
BRA	BRAZIL
BRB	BARBADOS
BRN	BRUNEI DARUSSALAM
BTN	BHUTAN
BVT	BOUVET ISLAND
BWA	BOTSWANA
CAF	CENTRAL AFRICAN REPUBLIC

Values	Description
CAN	CANADA
CCK	COCOS (KEELING) ISLANDS
CHE	SWITZERLAND
CHL	CHILE
CHN	CHINA
CIV	CÔTE D'IVOIRE
CMR	CAMEROON
COD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
COG	CONGO
COK	COOK ISLANDS
COL	COLOMBIA
COM	COMOROS
CPV	CAPE VERDE
CRI	COSTA RICA
CUB	CUBA
CUW	CURAÇAO
CXR	CHRISTMAS ISLAND
CYM	CAYMAN ISLANDS
CYP	CYPRUS
CZE	CZECH REPUBLIC
DEU	GERMANY
DJI	DJIBOUTI
DMA	DOMINICA
DNK	DENMARK
DOM	DOMINICAN REPUBLIC
DZA	ALGERIA
ECU	ECUADOR
EGY	EGYPT
ERI	ERITREA
ESH	WESTERN SAHARA
ESP	SPAIN
EST	ESTONIA
ETH	ETHIOPIA
FIN	FINLAND
FJI	FJI
FLK	FALKLAND ISLANDS (MALVINAS)
FRA	FRANCE
FRO	FAROE ISLANDS
FSM	MICRONESIA, FEDERATED STATES OF
GAB	GABON
GBR	UNITED KINGDOM

Values	Description
GEO	GEORGIA
GGY	GUERNSEY
GHA	GHANA
GIB	GIBRALTAR
GIN	GUINEA
GLP	GUADELOUPE
GMB	GAMBIA
GNB	GUINEA-BISSAU
GNQ	EQUATORIAL GUINEA
GRC	GREECE
GRD	GRENADA
GRL	GREENLAND
GTM	GUATEMALA
GUF	FRENCH GUIANA
GUM	GUAM
GUY	GUYANA
HKG	HONG KONG
HMD	HEARD ISLAND AND MCDONALD ISLANDS
HND	HONDURAS
HRV	CROATIA
HTI	HAITI
HUN	HUNGARY
IDN	INDONESIA
IMN	ISLE OF MAN
IND	INDIA
IOT	BRITISH INDIAN OCEAN TERRITORY
IRL	IRELAND
IRN	IRAN, ISLAMIC REPUBLIC OF
IRQ	IRAQ
ISL	ICELAND
ISR	ISRAEL
ITA	ITALY
JAM	JAMAICA
JEY	JERSEY
JOR	JORDAN
JPN	JAPAN
KAZ	KAZAKHSTAN
KEN	KENYA
KGZ	KYRGYZSTAN
KHM	CAMBODIA
KIR	KIRIBATI

Values	Description
KNA	SAINT BARTHÉLEMY
KOR	KOREA, REPUBLIC OF
KWT	KUWAIT
LAO	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LBN	LEBANON
LBR	LIBERIA
LBY	LIBYA
LCA	SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA
LIE	LIECHTENSTEIN
LKA	SRI LANKA
LSO	LESOTHO
LTU	LITHUANIA
LUX	LUXEMBOURG
LVA	LATVIA
MAC	MACAO
MAF	SAINT MARTIN (FRENCH PART)
MAR	MOROCCO
MCO	MONACO
MDA	MOLDOVA, REPUBLIC OF
MDG	MADAGASCAR
MDV	MALDIVES
MEX	MEXICO
MHL	MARSHALL ISLANDS
MKD	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
MLI	MALI
MLT	MALTA
MMR	MYANMAR
MNE	MONTENEGRO
MNG	MONGOLIA
MNP	NORTHERN MARIANA ISLANDS
MOZ	MOZAMBIQUE
MRT	MAURITANIA
MSR	MONTSERRAT
MTQ	MARTINIQUE
MUS	MAURITIUS
MWI	MALAWI
MYS	MALAYSIA
MYT	MAYOTTE
NAM	NAMIBIA
NCL	NEW CALEDONIA
NER	NIGER

Values	Description
NFK	NORFOLK ISLAND
NGA	NIGERIA
NIC	NICARAGUA
NIU	NIUE
NLD	NETHERLANDS
NOR	NORWAY
NPL	NEPAL
NRU	NAURU
NZL	NEW ZEALAND
OMN	OMAN
PAK	PAKISTAN
PAN	PANAMA
PCN	PITCAIRN
PER	PERU
PHL	PHILIPPINES
PLW	PALAU
PNG	PAPUA NEW GUINEA
POL	POLAND
PRI	PUERTO RICO
PRK	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
PRT	PORTUGAL
PRY	PARAGUAY
PSE	PALESTINIAN TERRITORY, OCCUPIED
PYF	FRENCH POLYNESIA
QAT	QATAR
REU	RÉUNION
ROU	ROMANIA
RUS	RUSSIAN FEDERATION
RWA	RWANDA
SAU	SAUDI ARABIA
SDN	SUDAN
SEN	SENEGAL
SGP	SINGAPORE
SGS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
SHN	SAN MARINO
SJM	SVALBARD AND JAN MAYEN
SLB	SOLOMON ISLANDS
SLE	SIERRA LEONE
SLV	EL SALVADOR
SMR	SINT MAARTEN (DUTCH PART)
SOM	SOMALIA

Values	Description
SPM	HOLY SEE (VATICAN CITY STATE)
SRB	SERBIA
SSD	SOUTH SUDAN
STP	SAO TOME AND PRINCIPE
SUR	SURINAME
SVK	SLOVAKIA
SVN	SLOVENIA
SWE	SWEDEN
SWZ	SWAZILAND
SXM	SAINT PIERRE AND MIQUELON
SYC	SEYCHELLES
SYR	SYRIAN ARAB REPUBLIC
TCA	TURKS AND CAICOS ISLANDS
TCD	CHAD
TGO	TOGO
THA	THAILAND
TJK	TAJIKISTAN
TKL	TOKELAU
TKM	TURKMENISTAN
TLS	TIMOR-LESTE
TON	TONGA
TTO	TRINIDAD AND TOBAGO
TUN	TUNISIA
TUR	TURKEY
TUV	TUVALU
TWN	TAIWAN, PROVINCE OF CHINA
TZA	TANZANIA, UNITED REPUBLIC OF
UGA	UGANDA
UKR	UKRAINE
UMI	UNITED STATES MINOR OUTLYING ISLANDS
URY	URUGUAY
USA	UNITED STATES
UZB	UZBEKISTAN
VAT	SAINT VINCENT AND THE GRENADINES
VCT	SAINT LUCIA
VEN	VENEZUELA, BOLIVARIAN REPUBLIC OF
VGB	VIRGIN ISLANDS, BRITISH
VIR	VIRGIN ISLANDS, U.S.
VNM	VIET NAM
VUT	VANUATU
WLF	WALLIS AND FUTUNA

Values	Description
WSM	SAMOA
YEM	YEMEN
ZAF	SOUTH AFRICA
ZMB	ZAMBIA
ZWE	ZIMBABWE

4.17 CURRENCYCODE

Values	Description
032	Argentinean Peso
036	Australian Dollar
116	Cambodian Riel
124	Canadian Dollar
208	Danes crown
344	Hong Kong dollar
356	Indian rupee
392	Japanese Yen
410	South Korean Won
484	Mexican Peso
554	New Zealand Dollar
578	Norwegian crown
702	Singapore Dollar
752	Swedish crown
756	Swiss Franc
826	Pound
840	American Dollar
901	Taiwan Dollar
949	New Turkish Lira
952	CFA Franc
953	CFP Franc
978	Euro
986	Brazilian Real

4.18 CUSTOMERBANKACCOUNTTYPE

Values	Description
BIC_IBAN	The customer bank code and account are in BIC and IBAN format.
NATIONAL_DEU	The customer bank code and account are in domestic Germany

Values	Description
	codification.
NOT_SPECIFIED	The customer bank type is unknown

4.19 CUSTOMERDELIVERYSUCCESSFLAG

Values	Description
Y	At least one successful delivery has been realised for the customer
N	No successful delivery for the customer

4.20 CUSTOMERLANGUAGE

Values	Description
zh	Chinese
nl	Dutch
en	English
fr	French
de	German
hi	Hindi
it	Italian
ja	Japanese
pt	Portuguese
ru	Russian
sk	Slovak
es	Spanish

4.21 CUSTOMERPHONEVALIDATIONMETHOD

Values	Description
OUTGOING_CALL	Phone number validated by a call (outgoing call)
TEL_DIRECTORY	Phone number validated by a directory (telephone directory)

4.22 DCCRESPONSECODE

Values	Description
00	Successful operation
03	Invalid merchant contract
05	Operation is refused
12	Invalid data, verify the request
24	Operation not authorized
51	Invalid amount
90	Technical error

4.23 DCCSTATUS

Values	Description
Empty	No DCC for this transaction
00	Success
01	Declined by card holder
02	Non eligible – DCC provider refusal
03	Non applicable – Sips refusal, no call to DCC Provider
04	The DCC service has been deactivated by the merchant

4.24 DEPOSITREFUNDINDICATOR

Values	Description
Empty	There is no fraud suspicion.
N	Fraud suspicion. The deposit amount doesn't need to be refunded
Y	Fraud suspicion. The deposit amount needs to be refunded

4.25 EVIDENCETYPE

Values	Description
DRIVING_LICENSE	Driving license
IDENTITY_CARD	Identity card
PASSPORT	Passport

4.26 FEE TYPE

Values	Description
CREDIT	Credit of the fee to the merchant account
DEBIT	Debit of the fee to the merchant account

4.27 FRAUD DATA

4.27.1 BYPASS3DS

Values	Description
ALL	Bypass the 3DS procedure (for CB, VISA, MASTERCARD payments)
MERCHANTWALLET	Bypass the 3DS procedure during "One Click" payment (for CB, VISA, MASTERCARD payments)

4.27.2 BYPASSCTRLLIST

Please refer to [DiD03] and [DiD04] documentation for further information.

(*) The values in brackets are deprecated

Values	Description
All	Bypass all the rules
3DSStatus	Bypass the rule 3-D Secure authentication
BlackCard	Bypass the rule Card number black list
CapCollarAmount	Bypass the rule Cap collar Amounts
CardCountry (ForeignBinCard*)	Bypass the rule Card country
CommercialCard (CorporateCard*)	Bypass the rule Commercial card (and card country)
ECard	Bypass the rule Virtual card
ExpiryDate	Bypass the rule Card expiry date
GreyCard	Bypass the rule Card number grey list
GreyIp	Bypass the rule IP address grey list
IpCountry	Bypass the rule IP address country
MaxCardPerCustomerId	Bypass the rule Number of cards per customer
MaxCustomerIdPerCard	Bypass the rule Number of customers per card
SimilarityIpCardCountry (SimilityIpCard*)	Bypass the rule IP and card country
SystematicAuthorizationCard	Bypass the rule Systematic authorisation card
VelocityCard	Bypass the rule Card Velocity

Values	Description
VelocityCustomerId	Bypass the rule Customer ID velocity
VelocityIp	Bypass the rule IP address velocity
WhiteCard	Bypass the rule Card number white list

4.27.3 BYPASSINFOLIST

Please refer to [DiD03] and [DiD04] documentation for further information.

Values	Description
IpCountry	Bypass informations about IpCountry
Card	Bypass informations about card
All	Bypass all information

4.28 GUARANTEEINDICATOR

Values	Payment Method	Description
Y	3-D Secure card	The guarantee is applicable
N	3-D Secure card	The guarantee is not applicable
U	3-D Secure card	The guarantee is not defined
Empty	Card	The guarantee has not been calculated

4.29 HASHALGORITHM

Values	Description
SHA-1	SHA_1 cryptographic function structure (SHA: secure hash algorithm)
SHA-256	SHA_256 cryptographic function structure (SHA: secure hash algorithm)
SHA-512	SHA_512 cryptographic function structure (SHA: secure hash algorithm)

4.30 HOLDERAUTHENTMETHOD

Values	Description
NO_AUTHENT	Equivalent to NO_AUTHENT_METHOD, it is an alternative value used in the transaction report
NO_AUTHENT_METHOD	No Holder Verification Method performed

Values	Description
NOT_SPECIFIED	Not specified
OTP_HARDWARE	OTP on Hardware secure element (CAP, SIM, ...)
OTP_SOFTWARE	OTP on Software secure element (SEA, ...)
OTP_TELE	One Time Password (SMS, SVI, Token...)
PASSWORD	Password is reusable (birth date, password, zip code, ...)

4.31 HOLDERAUTHENTPROGRAM

Values	Description
NO_AUTHENT	no authentication method
3DS	3-D Secure
BCMCMOBILE	BCMC mobile authentication method
MASTERPASS	MasterPass authentication method (3DS bypassed)
PAYLIB	Paylib authentication method
THREE_DS	Equivalent to 3DS it is an alternative value used in the transaction report

4.32 HOLDERAUTHENTRELEGATIONCODE

Values	Description
N (false)	Security level not depleted
Y (true)	Depleted security level (loss of 3-D characteristics)

4.33 HOLDERAUTHENTRESPONSECODE

Values	Description
00	Holder authenticated
01	Holder not authenticated
02	Holder authentication could not be performed Technical problem on the ACS (TX.status = U in the PAREs message)
03	Proof of authentication available
12	Invalid request check the request parameters
89	The MPI session has expired
95	Invalid PAREs message signature
96	Invalid PAREs message
99	Internal error on Sips Server

4.34 HOLDERAUTHENTSTATUS

Values	Description	3D Values
ATTEMPT	The merchant and the cardholder are both enrolled in the authentication programme, but the buyer did not have to be authenticated (the server access control of the bank that issued the card, only implements the generation of an authentication attempt proof).	3D_ATTEMPT
BYPASS	According to certain criteria set by the merchant, the authentication programme checks were bypassed.	3D_BYPASS
CANCEL	The buyer has abandoned the transaction during the process of authentication. Currently, this status is only possible in the case of a PAYLIB payment.	3D_ABORT
ERROR	The merchant participates in the authentication programme but the Sips server encountered a technical problem during the authentication process (when checking the registration card to the authentication programme or during authentication of the holder).	3D_ERROR
FAILURE	The merchant and the cardholder are both enrolled in the authentication programme, but the buyer failed to authenticate (wrong password).	3D_FAILURE
NO_AUTHENT	According to certain criteria set by the merchant, the authentication programme checks were bypassed	SSL
NOT_ENROLLED	The merchant participates in the authentication programme, but the cardholder's card is not enrolled.	3D_NOTENROLLED
NOT_PARTICIPATING	The buyer has not authenticated to one of the following reasons: – the type of card is not supported by the authentication programm – the merchant is not enrolled in the authentication programm	SSL
NOT_SPECIFIED	The status of the holder authentication is not available.	
SUCCESS	The merchant and the cardholder are both enrolled in the authentication programme and the cardholder has successfully authenticated.	3D_SUCCESS

4.35 INTERFACE VERSION

Values	Description
CR_WS_2.x	CR_WS: Sips Office (SOAP/JSON) interface for Cash Management functions 2.x: connector version used by the merchant
DR_WS_2.x	DR_WS: Sips Office (SOAP/JSON) interface for Diagnostic functions 2.x: connector version used by the merchant
FR_WS_2.x	FR_WS: Sips Office (SOAP) interface for Fraud functions 2.x: connector version used by the merchant
IR_MB_1.x	IR_MB: Sips in-App (JSON) interface for in-App functions 1.x: connector version used by the merchant
IR_WS_2.x	IR_WS: Sips Office (SOAP/JSON) interface for payment request functions 2.x: connector version used by the merchant
IR_WS_x.x	IR_WS: Sips Paypage (SOAP/JSON) interface x.x: connector version used by the merchant
IR_HP_x.x	IR_HP: Sips Paypage (POST) interface x.x: connector version used by the merchant
MR_WS_2.x	MR_WR: Sips MPI Stand Alone (SOAP) interface for 3-D Secure functions 2.x: connector version used by the merchant
OR_WS_1.0	OR_WS: Sips Office (SOAP) interface for Office functions 1.0: connector version used by the merchant
PMR_WS_2.x	PMR_WS: Sips Office (SOAP/JSON) interface for payment method repository information request functions 2.x: connector version used by the merchant
TR_WS_2.x	TR_WS: Sips Office (SOAP) interface for Token functions 2.x: connector version used by the merchant
WR_WS_2.x	WR_WS: Sips Office (SOAP/JSON) interface for Wallet functions 2.x: connector version used by the merchant

4.36 ISSUERENROLLEMENTINDICATOR

Values	Description
01	Issuer enrolled
02	Issuer not enrolled
10	Undefined

4.37 MERCHANTTOKENORIGIN

Values	Description
INTERNAL	Tokenisation performed by Sips
EXTERNAL	Tokenisation performed by an external tokenizer

4.38 MESSAGEFUNCTION

Values	Description
ACCOUNT_VERIFICATION	Account verification (account status inquiry)
AUTHORISATION	Authorisation request message
REVERSAL	Authorisation reversal message (cancellation sent to the acquirer)

4.39 OPERATIONNAME

Values	Actor	Description
ACCEPT_CHALLENGE	Sips	Unlocking of a transaction with the status "to challenge"
AUTHOR	Sips	Automatic authorisation request at the end of the payment collection period
AUTHOR_BATCH	Sips	Extraction of the transaction in order to perform an automatic authorisation request at the end of the payment collection period
CANCEL	Merchant	Partial or total cancellation of the transaction
CAPTURE	Sips	Online collection of the transaction
CREDIT	Merchant	Partial or total refund
CREDIT_CAPTURE	Sips	Sips Collection of the transaction to be credited
CREDIT HOLDER	Merchant	Merchant Cardholder credit
DEBIT_CAPTURE	Sips	Collection of the transaction to be debited
DUPLICATE	Merchant	Duplication of the transaction
EXPIRED	Sips	Expiration of the transaction
HOTLIST_CHECK	Sips	Control on blocked card list
RECYCLE	Merchant	Recycling of a transaction which is not completely validated or a cancelled / expired transaction
REFERRAL	Merchant	Forcing the transaction, manual authorisation
REFUSE_CHALLENGE	Sips	Locking of a transaction with the status "to challenge"
TRANSACTION	Merchant	Merchant Creation of a transaction
VALIDATE	Merchant	Merchant Validation of a transaction
VALIDATE_CHALLENGE	Merchant	Merchant Validation with unlocking of a transaction with the status "to challenge"
VERIFY_ACCOUNT	Merchant	Account verification (account validity and status inquiry)

4.40 ORDERCHANNEL

Values	Description	Acquiring contract
FAX	Fax order channel	MOTO
INAPP	Order from a service inside an application (eg mobile)	INTERNET
INTERNET	Internet order channel	INTERNET
IVR	IVR order channel	INTERNET
MAIL_ORDER	Mail order channel	MOTO
MOTO	Mail order or Telephone order channel without distinction	MOTO

Values	Description	Acquiring contract
TELEPHONE_ORDER	Telephone order channel	MOTO

4.41 PANCHECKALGORITHM

Values	Description
Empty	Unknown PAN control algorithm
L	PAN control with Luhn Key algorithm
N	No PAN control algorithm
V	PAN control with Visa Modulus 10 algorithm

4.42 PANENTRYMODE

Values	Description
MANUAL	Manual (pan entered via web site, or key entry or OCR reading of embossing or printed data either at time of transaction or after the event)
WALLET	Wallet data created by the holder

4.43 PANTYPE

Values	Description
PAN	The PAN is provided in clear text
TOKEN_PAN	The PAN provided is a token

4.44 PAYMENTMEANBRAND/TYPE

paymentMeanBrand	paymentMeanType	Details
1EUROCOM	ONLINE_CREDIT	1euro.com
3XCBCOFINOGA	ONLINE_CREDIT	Cofinoga 3xCB
ACCEPTGIRO	CREDIT_TRANSFER	AcceptGiro
ACCORD	CARD	Accord card
ACCORD_KDO	CARD	Accord Cadeau card (Banque Accord)
ACCORD_3X	ONLINE_CREDIT	Accord card Payment 3 times
ACCORD_4X	ONLINE_CREDIT	Accord card Payment 4 times
AMEX	CARD	American Express card
AUORE	CARD	Aurore card
BCACUP	CARD	CUP Card of Banque Casino
BCMC	CARD	Bancontact/MisterCash
CB	CARD	Carte Bancaire
CBCONLINE	CREDIT_TRANSFER	PayButton CBC Online
COFIDIS_3X	ONLINE_CREDIT	Cofidis 3xCB
COFIDIS_4X	ONLINE_CREDIT	Cofidis 4xCB
CVA	CARD	Visa Aurore card
ECV	VOUCHER	e-Chèque-Vacances
ELV	DIRECT_DEBIT	Elektronisches LastschriftVerfahren
FLASHNPAY	WALLET	Flash'N'Pay (Banque Accord)
GIROPAY	CREDIT_TRANSFER	Giropay
IDEAL	CREDIT_TRANSFER	iDeal
INCASSO	DIRECT_DEBIT	Incasso
INGHOMEPAY	CREDIT_TRANSFER	PayButton ING Home'Pay
KBCONLINE	CREDIT_TRANSFER	PayButton KBC Online
MAESTRO	CARD	Maestro card (Mastercard)
MASTERCARD	CARD	Mastercard card
MASTERPASS ⁽¹⁾		MasterPass wallet
NETBANKING	CREDIT_TRANSFER	Netbanking
NXCB	ONLINE_CREDIT	Cetelem NxCB Card
NXCB_PREL	ONLINE_CREDIT	Cetelem NxCB Card – Direct Debit
PASSBE	CARD	Carrefour PASS (Belgium)

¹ MasterPass and Paylib are not really brands in its current forme, but are only used in the connector interfaces to display the logo in the payment page. The data walletType should be used to identify the wallet. Moreover, please note that the values MASTERPASS and PAYLIB are not present in the reports (paymentMeanBrand data) insofar as it shows the payment mean brand really used behind the wallet (e.g VISA, CB, MASTERCARD...).

paymentMeanBrand	paymentMeanType	Details
PAYLIB (1)		Paylib wallet
PAYPAL	WALLET	Paypal
PAYTRAIL	CREDIT_TRANSFER	Paytrail
POSTFINANCE	CARD	PostFinance card
PRESTO	ONLINE_CREDIT	Presto Plus
SEPA_DIRECT_DEBIT	DIRECT_DEBIT	SDD (SEPA Direct Debit)
SOFORTÜBERWEISUNG	CREDIT_TRANSFER	Sofortüberweisung (Sofort Banking)
VISA	CARD	Visa card
VISA_ELECTRON	CARD	Visa Electron card
VPAY	CARD	VPAY card (Visa)

4.45 PAYMENTMEANBRANDSELECTIONMODE

Values	Description
Empty	Transaction not concerned by the payment mean brand selection
DEFAULT	Default payment method proposed by the merchant or implicit cardholder choice
HOLDER	Explicit cardholder choice of the payment method

4.46 PAYMENTMEANBRANDSELECTIONSTATUS

Values	Description
Empty	Transaction not processed according to the payment mean brand selection rules
APPLIED_DEFAULT	The cardholder accepted the default merchant choice
APPLIED HOLDER	The cardholder selected a card brand different from the default merchant choice
NOT_APPLICABLE	Card number filled is not a cobadged card

4.47 PAYMENTMEANDATA

4.47.1 ADDROVERRIDE

Values	Description
NO_OVERRIDE	PayPal displays the address the Internet user registered with PayPal
OVERRIDE	PayPal displays the address communicated by the merchant, the address the Internet user registered with PayPal is deleted

Values	Description
NO_DISPLAY (Default value)	No address is displayed, the address sent by the merchant is not taken into account by PayPal

4.47.2 DUPFLAG

Values	Description
Y (true)	Authorise future duplication of the transaction
N (false)	Unauthorise future duplication of the transaction

4.47.3 DUPTYPE

Values	Description
ANY	Duplication type: several
INSTANTONLY	Duplication type: one

4.47.4 LANDINGPAGE

Values	Description
Y (true)	The subscription page is displayed
N (false)	The subscription page is not displayed, PayPal displays the identification page directly

4.47.5 PAYPAL.MOBILE

Values	Description
Y (true)	The terminal used is a mobile
N (false)	The terminal used is not a mobile

4.47.6 MANDATEAUTHENTMETHOD

Values	Description
3D_SECURE	Authentication with the 3-D Secure programme
SMS_OTP	Authentication by SMS
MAIL_OTP	Authentication by eMail

4.47.7 MANDATECERTIFICATIONTYPE

Values	Description
E_BASIC	Electronic signature not certified. If the mandate is an E_BASIC one, the merchant didn't proof that he has a sufficient knowledge of his client allowing him to be sure that the client is the one that he claims to be when he creates his mandate. The client can oppose the validity of the mandate.
E_CERTIFIED	Electronic signature certified by OTU (One Time Usage).

Values	Description
	If the mandate is an E_CERTIFIED one, the merchant proves that he has a sufficient knowledge of his client, allowing him to be sure that the client is the one that he claims to be when he creates his mandate. The client cannot oppose the validity of the mandate.

4.47.8 MANDATEUSAGE

Values	Description
ONE_OFF	Single use mandate
RECURRENT	Recurring use mandate

4.48 PAYMENTMEANINFORESPONSECODE

Values	Description
00	Payment mean information successfully found
05	No information found
12	Invalid request check the request parameters
30	Format error
40	Function not supported: the operation that you wish to perform is not part of the operation type for which you are authorised
63	Security rules not observed, request stopped
90	Service temporarily not available
99	Temporary problem at the Sips server level

4.49 PAYMENTPATTERN

Values	Description
ONE_SHOT	One shot payment (default value)
RECURRING_1	recurring payment first payment
RECURRING_N	recurring payment nth payment
INSTALMENT	Payment by instalment

4.50 PAYMENTSTATUS

Values	Description
KO	Association not possible. The transaction was not matched on time
OK	Transaction successfully matched

4.51 RECURRINGRESPONSECODE

Values	Description
0	Non recurring payment or recurring payment accepted
1	New account information available
2	Cannot approve at this time, try again later
4	Do not try again
8	Payment blocked by card scheme

4.52 REDIRECTIONSTATUSCODE

Values	Description
00	Card enrolled
01	Card not enrolled
10	Card enrollment could not be determined (CH.enrolled = U in the VERes message)
12	Invalid request parameter(s)
34	Fraud suspicion (seal erroneous)
73	Error during PAREq message construction
80	Error during DS interrogation
91	Merchant not configured in the MPI
94	VERes message containing IReq tag
99	Internal error

4.53 REGIONLIST

Values	Description
Empty	Unknown
1	USA: California, Hawaii, Nevada
2	USA: West except California, Hawaii, Nevada
3	USA: Central North
4	USA: Central South
5	USA: Great Lakes states
6	USA: South East
7	USA: Extreme North East
8	USA: North East
9	USA: Florida and Georgia
A	Canada
B	South America
C	Oceania Asia
D	Europe
E	Africa and middle east

4.54 RESPONSECODE

Values	Description
00	Authorisation accepted
02	Authorisation request to be performed via telephone with the issuer, as the card authorisation threshold has been exceeded. You need to be authorised to force transactions
03	Invalid Merchant contract
05	Authorisation refused
11	Used for differed check. The PAN is blocked.
12	Invalid transaction, check the request parameters
14	Invalid PAN or payment mean data (ex: card security code)
17	Buyer cancellation
24	Operation not authorized. The operation you wish to perform is not compliant with the transaction status
25	Transaction unknown by Sips
30	Format error
34	Fraud suspicion (seal erroneous)
40	Function not supported: the operation that you wish to perform is not part of the operation type for which you are authorised
51	Amount too high
54	Payment mean expiry date is past
60	Transaction pending
63	Security rules not observed, transaction stopped
75	Exceeded number of PAN attempts
90	Service temporarily not available
94	Duplicated transaction: the transactionReference has been used previously
97	Time frame exceeded, transaction refused
99	Temporary problem at the Sips server level

4.55 RISKMANAGEMENTDYNAMICPARAM

Values	Description
AllowedBillingCardCountryCombiList	For the "Billing and card country" rule, the parameter contains the list of the combinations of allowed billing country and card country to overwrite.
AllowedCardCountryList	For the "Card country" rule, the parameter contains the list of allowed card countries to overwrite.
AllowedCommercialCardCountryList	For "Commercial card (and card country)" rule, the parameter contains the list of allowed commercial card countries to overwrite.
AllowedDeliveryCardCountryCombiList	For the "Delivery and card country" rule, the parameter contains the list of the combinations of allowed delivery country and card country to overwrite.
AllowedIpCardCountryCombiList	For the "IP and card country" rule, the parameter contains the list of the combinations of allowed card country and IP address country to overwrite.
AllowedIpCountryList	For the "IP address country" rule, the parameter contains the list of allowed IP address countries to overwrite.
DeniedBillingCardCountryCombiList	For the "Billing and card country" rule, the parameter contains the list of the combinations of denied billing country and card country to overwrite.
DeniedCardCountryList	For the "Card country" rule, the parameter contains the list of denied card countries to overwrite.
DeniedCommercialCardCountryList	For "Commercial card (and card country)" rule, the parameter contains the list of denied commercial card countries to overwrite.
DeniedDeliveryCardCountryCombiList	For the "Delivery and card country" rule, the parameter contains the list of the combinations of denied delivery country and card country to overwrite.
DeniedIpCardCountryCombiList	For the "IP and card country" rule, the parameter contains the list of the combinations of denied card country and IP address country to overwrite.
DeniedIpCountryList	For the "IP address country" rule, the parameter contains the list of denied IP address countries to overwrite.

4.56 SCORECOLOR

Please refer to [\[DiD03\]](#) and [\[DiD04\]](#) documentation for further information.

Values	Description
Empty	No check

Values	Description
BLACK	Score color black
GREEN	Score color green
ORANGE	Score color orange
RED	Score color red
WHITE	Score color white

4.57 SCOREINFO

Please refer to [\[DiD03\]](#) and [\[DiD04\]](#) documentation.

4.58 SDKOPERATIONNAME

Values	Description
ADDCARD	At the initialisation step of the wallet management scenario, this value indicates the card enrollment action
CARDORDER	At the initialisation step of the payment scenario, this value indicates the card payment action
GETWALLETDATA	At the initialisation step of the wallet management scenario, this value indicates the wallet data retrieval action
PAYMENTPROVIDERORDER	At the initialisation step of the payment scenario, this value indicates the external payment action
THREEDSECUREANDORDER	At the initialisation step of the payment scenario, this value indicates the card payment action with 3D Secure authentication
WALLETORDER	At the initialisation step of the payment scenario, this value indicates a transaction with the utilization of Sips merchant wallet

4.59 SEALALGORITHM

Values	Description
HMAC-SHA-256	The encryption algorithm applied is HMAC-SHA-256
HMAC-SHA-512	The encryption algorithm applied is HMAC-SHA-512
SHA-256	The encryption algorithm applied is SHA-256

4.60 THREED

4.60.1 CAVVALGORITHM

Values	Description
0	HMAC

Values	Description
1	CVV
2	CVV ATN
3	Mastercard SPA

4.60.2 ECI

Values	Description
9	SSL
20	FULL_3D
21	MERCH_3D
30	FULL_UCAF
31	MERCH_UCAF

4.60.3 SECURITYINDICATOR

Values	Description
21	Cardholder not enrolled (response obtained in the Directory Server)
22	Cardholder not enrolled (response obtained within the cache of the Merchant Plug-in)
25	Cardholder fully authenticated on the ACS (full 3-D Secure)
26	Cardholder partially authenticated on the ACS (Attempt 3-D Secure)
31	Failure of authentication of cardholder
32	Invalid signature in the response from the ACS (PAREs with invalid signature)
33	Response from the ACS invalid (PAREs invalid)
41	The MPI session has expired, the Internet user did not authenticate themselves within the time limit
81	Internal MPI error during the first call to MPI
82	Internal MPI error during the second call to MPI
84	Response from Directory Server invalid (VERes invalid)
85	MPI could not be contacted during the first call to MPI
86	MPI could not be contacted during the second call to MPI
87	Invalid MPI parameters
88	Network problem
92	Internal Directory Server error
93	Internal ACS error

4.60.4 TXSTATUS

Values	Description
Y	AUTHENTICATED
A	ATTEMPT

Values	Description
N	FAILURE
U	ERROR

4.61 TOKENRESPONSECODE

Values	Description
00	Successful operations
01	At least one operation is not successful
03	Invalid merchant contract
40	merchantId not allowed to access this token service
90	Technical error with tokenizer
99	Technical error with the request

4.62 TRANSACTIONACTORS

Values	Description
BtoB	Business to Business
BtoC	Business to Consumer

4.63 TRANSACTIONLINK

Values	Description
NONE	No link
DUPLICATION	The transaction comes from a duplication
FINANCIAL	The transaction comes from a financial operation (only used for some payment means, like 4ETOILES)
RECYCLING	The transaction comes from a recycling

4.64 TRANSACTIONSERVICETYPE

Values	Description
CREDIT	Credit to the buyer customer's account (for example, refund of a transaction)
DEBIT	Debit on the buyer customer's account

4.65 TRANSACTIONSTATUS

Values	Description
CANCELLED	Transaction totally cancelled
CAPTURED	Transaction sent to the bank
CREDITED	Transaction totally refund
ENDED	Transaction ended
EXPIRED	Transaction expired
PENDING	Transaction waiting for the authorisation request response
PREPROD	Transaction of a merchant which is in the pre-production mode. It cannot be settled.
REFERRAL	Transaction waiting for referral
REFUSED	Transaction refused
TO_AUTHORIZE	Transaction waiting for the authorisation request
TO_CAPTURE	Transaction to send to the bank to debit the user
TO_CHALLENGE	Transaction with a fraud suspicion
TO_CREDIT	Transaction to send to the bank to credit the user
TO_REPLAY	Transaction waiting for a validation with authorization request
TO_VALIDATE	Transaction waiting for a validation
UNDEFINED	Transaction status not defined
WAITING_AUTHOR	Technical status for transaction in a temporarily state waiting for a authorisation batch response

4.66 VALIDATIONINDICATOR

Values	Description
Y	Transaction unlocking with validation. This value is applicable only for a transaction created in VALIDATION mode.
N (or empty)	Transaction unlocking without validation

4.67 VELOCITYELEMENTTYPE

Values	Description
customerId	Customer Id
card	Card of the cardHolder
IP	Internet user IP

4.68 WALLETACTIONNAMELIST

Values	Description
ADDPMP	Add paiement methods
UPDATEPM	Update payment means
DELETPM	Delete payment means
SIGNOFF	Delete the wallet

4.69 WALLETRESPONSECODE

Values	Description
00	Successful operation
03	Invalid Merchant contract
12	Invalid data, verify the request
25	Wallet / payment mean unknown by Sips
30	Format error
40	merchantId not allowed to access this wallet service
94	Duplicated wallet / payment mean
99	Temporary problem at the Sips server level

4.70 WALLETTYPE

Values	Description
BCMCMOBILE	Wallet of BCMC
MASTERPASS	Wallet of Mastercard
MERCHANTWALLET	Wallet of Sips
PAYLIB	Wallet of a group of Banks

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