

Table of field requirements depending on messages:

R - required, O-optional, C-conditional

Field element/Request	Sale/AuthorizationRequest	TokenizationRequest	CaptureRequest	OriginalCreditRequest	RefundRequest	CancelRequest	RecurringOperationRequest	SaleResponse	AuthorizationResponse	CaptureResponse	OriginalCreditResponse	RefundResponse	CancelResponse	RecurringOperationResponse	RecurringNotification	PaymentLinkRequest	PaymentLinkResponse	Description
Message																		
version	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	4.1 or 2.1
messageId	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Unique value of numbers and or chars xsi:ID and matching in request, response messages, max length 128
lang	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	Optional iso language code as el, en, ru, fi, et, sv. This is used to set context language in case emails or any other type actions are triggered with this request.
timeStamp	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Required
Authentication																		
Mid	R	R	R	R	R	R	R								R	R		
OrderInfo	R		R	R	R	R										R		
DeviceCategory																		
OrderId	R		R	R	R	R										R		
OrderDesc	O			O												O		
OrderAmount	R		R	R	R	R										R		
Currency	R		R	R	R	R										R		
PayerEmail	O															R		
PayerPhone	O															R		
AddFraudScore	O															O		
BlockScore	O															O		
Var1	O			O												O		

Var2	O			O											O		
Var3	O			O											O		
Var4	O			O											O		
Var5	O			O											O		
Var6	O			O											O		
Var7	O			O											O		
Var8	O			O											O		
Var9	O			O											O		
MOTO	O														O		
Weight	O														O		
Dimensions	O														O		
BillingAddress	O														R		Billing address element and sub elements
ShippingAddress	O														C		Shipping address element and sub element. Required in case of shipping of goods.
PaymentInfo	R		O		O	O									O		
PayMethod	R		O		O	O									-		
CardPan	R		O		O	O									-		Not present if CardEncData present.
CardExpDate	R														-		Not present if CardEncData present.
CardCvv2	O														-		Required if not MOTO and required for card type/brand. Not present if CardEncData present.
CardHolderName	C														-		Optional but highly recommended. Not present if CardEncData present.

CardEncData	C																Used if RSA card encryption then CardPan, CardExpDate, CardHolder Name and CardCcc2 shall not be present
RecurringIndicator	C																Required for recurring payment
RecurringParameters	C																Required for recurring payment
ExtRecurringfrequency	C																Required for recurring payment
ExtRecurringenddate	C																Required for recurring payment
InstallmentParameters	C																Required for installment payment
ExtInstallmentoffset	C																Required for installment payment
ExtInstallmentperiod	C																Required for installment payment
ThreeDSecure	C																Required for 3D transactions
EnrollmentStatus	C																Required for 3D transactions
AuthenticationStatus	C																Required for 3D transactions
CAVV	C																Required for 3D transactions
XID	C																Required for 3D transactions
ECI	C																Required for 3D transactions
Protocol	C																Required for 3DSv2 transactions
Attribute	C																TDS2.dsTransID attribute is required for 3DSv2 transactions

ExtXOrderId	O 2																	O2 – may be present instead of CardPan. Required for original credit to lookup source payment.	
ExtTokenOptions	O																		
ExtToken	O																		
TransactionInfo							R												
OrderId							R												
Operation							R												
Signature	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Required for all (v4.1)
Digest	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Required for all (v2.1)
Card		R																	CardInfo
Token																			TokenInfo
TxType																		R	for PaymentLink PAYMENT_PREAUTH, PAYMENT
LinkValidityDays																		O	Optional days payment link is valid, defaults to merchant or system value
MailLinkIfValidMail																		O	xsi:boolean true/false indicates if service will email link to payer if payeremail in OrderInfo
Responses/Notification																			
OderId																			Order Id supplied by merchant originally
OrderAmount								R	R	R	R	R	R	R	R	R	R	R	
PaymentTotal								R	R	R	R	R	R	R	R	R	R	R	
Currency								R	R	R	R	R	R	R	R	R	R	R	
Status								R	R	R	R	R	R	R	R	R	R	R	Status

TxId							C	C	C	C	C	C	R	R	In case of transaction processing has started (no rejection due invalid input request), In case of recurring Notification this is master recurring transaction id
Sequence													R		Sequence of recurring in notification
SeqTxId													R		The executed recurring sequence transaction id
PaymentRef							C	C	C	C	C	C	C		Payment reference such as approval code if available
RiskScore							O	O							Optional risk score calculated by risk scoring subsystem if available
ExtToken							O	O							
ExtTokenPanEnd							O	O							
ExtTokenExp							O	O							
ErrorCode							C	C	C	C	C	C	C	C	Error code in case of Status=ERROR
Description							O	O	O	O	O	O	O	O	Optional error description
Attribute							O	O	O	O	O	O	O		Optional attributes, may be custom per implementation.
OriginalXML															In general error message only to copy back the error as content received for merchant debugging.
PaymentLink														R	present if no error
LinkMailed														R	present if no error

Signature																		Required for all (v4.1)
Digest	R		R	R	R	R	R	R	R	R	R	R	R	R			Required for all (v2.1)	