



The Global Language of Business

Request For Payment Business Message Standard (BMS)

Release 3.7, Ratified, Mar 2025



Document Summary

Document Item	Current Value
Document Name	Request For Payment Business Message Standard (BMS)
Document Date	Mar 2025
Document Version	3.7
Document Issue	1
Document Status	Ratified

Work Request Reference

Date of WR Submission to GSMP:	WR Submitter(s):	Refer to Work Request (WR) Number(s):
16-Jul-2009	GS1 Netherlands	09-000195
07-Feb-2014	GS1 Germany	14-000021
20-Mar-2014	GS1 Slovenia	14-000044
25-Jun-2014	GS1 Global Office	14-000110
28-Oct-2015	Philips N.V.	15-000314
03-Oct-2018	GS1 GO	18-000319

Business Requirements Document (BRAD) Reference

BRAD Title	BRAD Issue Date	BRAD Version
BRAD for Current Requirements Queue (Major Release 3)	20101123	Issue 0.2.0

Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change
12-Jan-2012	BMS 3.0 – Issue 1	Mark Van Eeghem	BMS Release 3.0	See summary of changes
01-May-2013	BMS 3.1 – Issue 1	Coen Janssen	BMS Release 3.1	See summary of changes
15-Sep-2014	BMS 3.2 – Issue 1	Ewa Iwicka	BMS Release 3.2	See summary of changes
01-Mar-2017	BMS 3.3 – Issue 1	Ewa Iwicka	BMS Release 3.3	See summary of changes
15-Oct-2018	BMS 3.4 – Issue 1	Ewa Iwicka	BMS Release 3.4	See summary of changes
04-Feb-2021	BMS 3.5 – Issue 1	Miklos Bolyky	BMS Release 3.5	See summary of changes
05-Jan-2022	BMS 3.5.1 – Issue 1	Miklos Bolyky	BMS Release 3.5.1	See summary of changes

Date of Change	Version	Changed By	Reason for Change	Summary of Change
01-Mar-2023	BMS 3.6 – Issue 1	Miklos Bolyky	BMS Release 3.6	See summary of changes
15-Mar-2025	BMS 3.7 – Issue 1	Miklos Bolyky	BMS Release 3.7	See summary of changes

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1 Business Domain View

1.1 Introduction

Message Definition

The Request for Payment message provides the core functionality for requesting payment for goods or services under conditions agreed upon between the seller and the buyer. It contains only the necessary information needed for payment consisting of parties, items, and quantities.

2 Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	All
Process	Pay
System Capabilities	GS1 System
Official Constraints	None

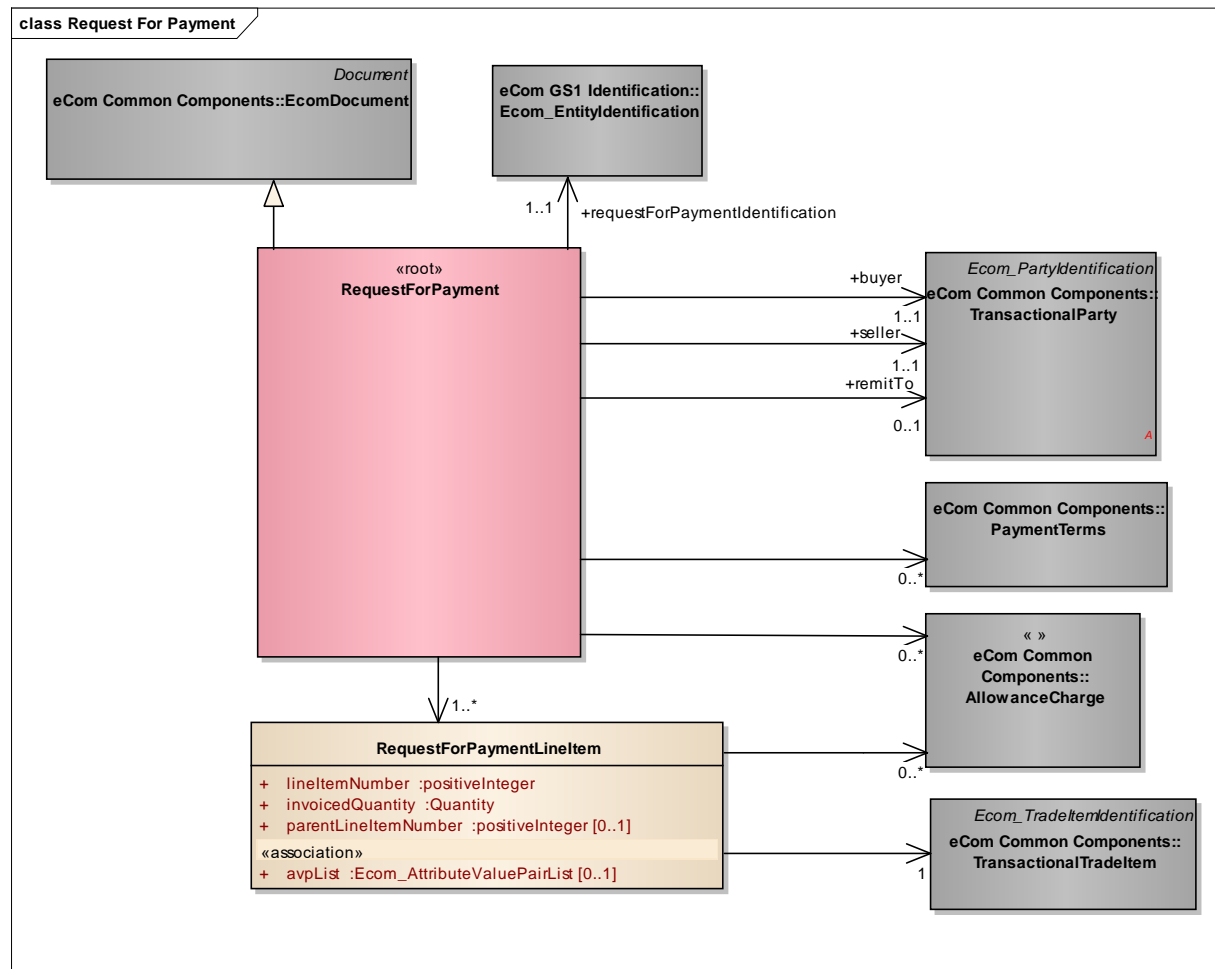
3 Business Transaction View

Not applicable

4 Business Information View

4.1 Request For Payment

Class diagram





The content of the RequestForPayment class, its structure and component definitions can be accessed in the GS1 Navigator: [Navigator link](#)

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
RequestForPayment				The Request for Payment message provides the core functionality for requesting payment for goods or services under conditions agreed upon between the seller and the buyer.	
Association	buyer	TransactionalParty	1..1	Party to whom merchandise and/or service is sold.	
Association		AllowanceCharge	0..*	Specifies allowances and charges applicable to the entire message.	
Generalization		EcomDocument		Basic information about the content of the message including version number, creation date and time.	
Association		PaymentTerms	0..*	The specification of the payment terms applicable to this request for payment.	
Association	requestForPaymentIdentification	Ecom_EntityIdentification	1..1	Contains the unique identifier of the business document.	
Association	seller	TransactionalParty	1..1	Party selling merchandise to a buyer.	
Association	remitTo	TransactionalParty	0..1	The party (account owner) that receives a payment when such party is not the same as the seller.	
Association		RequestForPaymentLineItem	1..*	Contains the specification of the Request For Payment Line Item.	
RequestForPaymentLineItem				Specifies the information related to each line item. Each Request for Payment will contain one or more line items.	
Association		AllowanceCharge	0..*	Specifies allowances and charges specified for the individual line item contained in the message.	



Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Association		TransactionalTradeItem	1..1	The identification of any item (product or service) upon which there is a need to retrieve pre-defined information and that may be priced, ordered, or invoiced at any point in any supply chain.	
Attribute	lineItemNumber	positiveInteger	1..1	Provides the line number associated to the Request For Payment Line Item.	
Attribute	invoicedQuantity	Quantity	1..1	The quantity of items that is being charged for in the Invoice Line Item.	
Attribute	parentLineItemNumber	positiveInteger	0..1	The number of line item containing information about the parent of the current item. It allows establishing hierarchical link between the two items.	
Attribute	avpList	Ecom_AttributeValuePairList	0..1	Temporary attributes introduced between minor versions.	

4.2 Enumerations (message specific)

Not applicable

4.3 Code Lists

Not applicable

5 Business Message Examples

This is an example of a Request For Payment message. The message is sent on April 12th 2011 at 11 AM. The message is identified with the unique identification number RFP222.

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller

The message is sent by the Seller (GLN 4098765000010) to Buyer (GLN 5412345000013). The payment terms are basic and expected to be done at reception of goods.

Payment is requested for one item: GTIN 40987650000223, quantity 48.

Message Example

Attribute	Value
RequestForPayment	
Document	
creationDateTime	2011-04-12 11:00
documentStatusCode	ORIGINAL
EntityIdentification (+requestForPaymentIdentification)	
entityIdentification	RFP222
PartyIdentification (+contentOwner)	
gln	4098765000010
TransactionalParty (+seller)	
gln	4098765000010
TransactionalParty (+buyer)	
gln	5412345000013
PaymentTerms	
paymentTermsEventCode	RECEIPT_OF_GOODS
paymentTermsTypeCode	1
RequestForPaymentLineItem	
lineItemNumber	1
invoicedQuantity	48
TransactionalTradeItem	
gtin	40987650000223

6 Implementation Considerations

6.1 User Guide

The Functional User Guide contains more information about the structure and content of the Request For Payment message: http://www.gs1.org/docs/ecom/xml/3/3.4/eCom-Trade_messages.html#RequestForPayment

6.2 Message Specific Considerations

Not Applicable

7 Summary of Changes

Any change in the GS1 standards is done based on the Work Request (WR) submitted by the GS1 User Companies or Member Organisations. All Work Requests are documented in the Work Request system available on the GS1 website: <http://wr.gs1.org>. The system is accessible to registered users. New visitors need to register first, to be able to access it. WRs can be searched by the number referenced in tables below, see: Search Work Requests. The number starts with the two last digits of the year when it was submitted, followed by the consecutive number within that year.



Note: WRs submitted earlier than February 2012 should be searched in Old Change Requests.

7.1 BMS Release 3.0

Change	Associated CR Number
For BMS Release 3.0.0: Updated to reflect changes in modelling methodology.	Not Applicable

7.2 BMS Release 3.1

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.3 BMS Release 3.2

Change	Associated WR
<p>Added Attribute Value Pair at the root, line item and sub line item levels</p> <div> <div>class RequestForPayment - maintenance view</div> <div> <div>«root»</div> <div>RequestForPayment</div> <div> <div>maintenance</div> <div>Change: (Verified) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)</div> </div> </div> </div>	14-000110

Change	Associated WR
<ul style="list-style-type: none"> Added a reference to parent line number to all LineItem classes, to support hierarchical items (WRs 14-021 & 14-044) Added Attribute Value Pair at the root, line item and sub line item levels <div> class RequestForPaymentLineItem - maintenance view <div> <div>RequestForPaymentLineItem</div> <div> + lineItemNumber: positiveInteger + invoicedQuantity: Quantity + parentLineItemNumber: positiveInteger [0..1] «association» + avpList: Ecom_AttributeValuePairList [0..1] </div> <div> maintenance Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) </div> </div> </div>	14-000021 14-000044 14-000110

7.4 BMS Release 3.3

Change	Associated WR
<p>Created Ecom_EntityIdentification class and changed association from the previous EntityIdentification</p> <div> class RequestForPayment - maintenance view <div> <div> eCom GS1 Identification:: Ecom_EntityIdentification maintenance Change: (New) 3.3 New class (WR 15-314) </div> <div> +requestForPaymentIdentification / 1..1 </div> <div> «root» RequestForPayment maintenance Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) </div> </div> </div>	15-000314 Make GS1 identification keys optional in GS1 EDI XML

7.5 BMS Release 3.4

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.6 BMS Release 3.5

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.7 BMS Release 3.5.1

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.8 BMS Release 3.6

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.9 BMS Release 3.7

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

8 Appendices

Not Applicable

9 Acknowledgements

9.1.1 Work Group

Function	Name	Company / organisation
Co-chair	Rossner (Pottier), Natascha	GS1 France
Co-chair	Schmidt, Tom Eric	August Storck KG
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Function	Name	Company / organisation
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Member	Zwanziger, Greg	SUPERVALU

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