



# **Request For Payment Business Message Standard (BMS)**

*Release 3.1*

*1-May-2013, Issue 1*

## Document Summary

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16-Jul-2009	Esther Peelen, GS1 Netherlands	09-000195

## Business Requirements Document (BRAD) Reference

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## Document Change History

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2-Jan-2012	BMS 3.0 Issue 1.0.0	Coen Janssen	Publication of BMS release 3.0.0	
1-May-2013	BMS 3.1 issue 1	Coen Janssen	Update to 3.1	Noted in Summary of Changes

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# Table of Contents

<b>1. Business Domain View</b>	<b>4</b>
1.1. Problem Statement / Business Need	4
1.2. Objective	4
1.3. Audience	4
1.4. References	4
1.5. Acknowledgements	5
1.5.1. Work Group	5
1.5.2. Development Team Members	6
<b>2. Business Context</b>	<b>7</b>
<b>3. Business Transaction View</b>	<b>7</b>
<b>4. Business Information View</b>	<b>8</b>
4.1. Request For Payment	9
4.2. Code Lists	12
<b>5. Business Message Example</b>	<b>12</b>
<b>6. Implementation Considerations</b>	<b>13</b>
<b>7. Appendices</b>	<b>13</b>
<b>8. Summary of Changes</b>	<b>13</b>
8.1. BMS Release 3.0	13
8.2. BMS Release 3.1	13

# 1. Business Domain View

## 1.1. Problem Statement / Business Need

The Core Request for Payment Message is defined as 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.

## 1.2. Objective

This standard defines the transaction model and data model for the following business message:

- Request for Payment

## 1.3. Audience

The audience of the standards would be any participant in the global supply chain. This would include retailers, manufacturers, service providers and other third parties.

## 1.4. References

Reference Number	Reference Name	Description
1	BMS eCom Domain Common Library Release 3.1	The documented design of components that are reused in multiple messages across the eCom domain.
2	BMS Shared Common Library Release 3.1	The documented design of components that are reused across the eCom domain and GDSN.
3	BRAD for Current Requirements Queue (Major Release 3)	The approved business requirements added into major release 3.0.0
4	Price Bracket – Business Requirement Document Version 1.15	
5	Price Bracket – Business Requirement Document Version 2.0	
6	Request for Payment - Business Requirement Document Version 1.4	
7	Payment to 3rd Party - Business Requirement Document Version 1.2	

## 1.5. Acknowledgements

### 1.5.1. Work Group

Function	Name	Company / organisation
Co-chair	Rossner (Pottier), Natascha	GS1 France
Co-chair	Schmidt, Tom Eric	August Storck KG
Member	Bemrose, Jonathan	R&R Ice Cream
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Member	Canada, ON	M3B 3L1
Member	Carlson, Jim	General Mills, Inc.
Member	Chresta, Richard	GS1 Switzerland
Member	Cook, Don	Wal-Mart Stores, Inc.
Member	Cox, Marc	Philips Electronics N.V.
Member	Darnell, David	Systrends
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Member	Dicks, Arne	GS1 Germany
Member	Duvinger, Karina	GS1 Sweden
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Member	Kidd, Robin	Nestle
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Member	Moberg, Dale	Axway
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Member	Peelen, Esther	GS1 Netherlands
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Function	Name	Company / organisation
Member	Przybilla, Christian	GS1 Germany
Member	Pujol, Xavier	GS1 Spain
Member	Racek, Greg	Wal-Mart Stores, Inc.
Member	Repetto, Mirko	GS1 Italy
Member	Robba, Steven	1WorldSync Holdings, Inc.
Member	Rosell, Pere	GS1 Spain
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Member	Schneider, Christian	GS1 Switzerland
Member	Sehorz, Eugen	GS1 Austria
Member	Sharma, Vishal	General Mills, Inc.
Member	Shimazaki, Ayako	GS1 Japan
Member	Sion, Emilie	GS1 France
Member	Souza, Nadia	GS1 Brasil
Member	Strand, Roman	GS1 Germany
Member	Tan, Milton	GS1 Malaysia
Member	Tompsett, Simon	Waitrose
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Member	Tse, Steve	GS1 Hong Kong
Member	Tyson, Betty	Knouse Foods Cooperative, Inc
Member	Van den Bergh, Senne	GS1 Belgium & Luxembourg
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Member	Wilson, Mary	GS1 US
Member	Windsperger, Bekki	Best Buy Co., Inc.
Member	Yang, Shaopeng	GS1 China
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### 1.5.2. Development Team Members

Function	Name	Organisation
GSMP Process Lead	Jean-Luc Champion	GS1 Global Office
Standards Content Lead	Coen Janssen	GS1 Global Office
Technical Development Lead	Ewa Iwicka	GS1 Global Office
Peer Review	Eric Kauz	GS1 Global Office

## 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

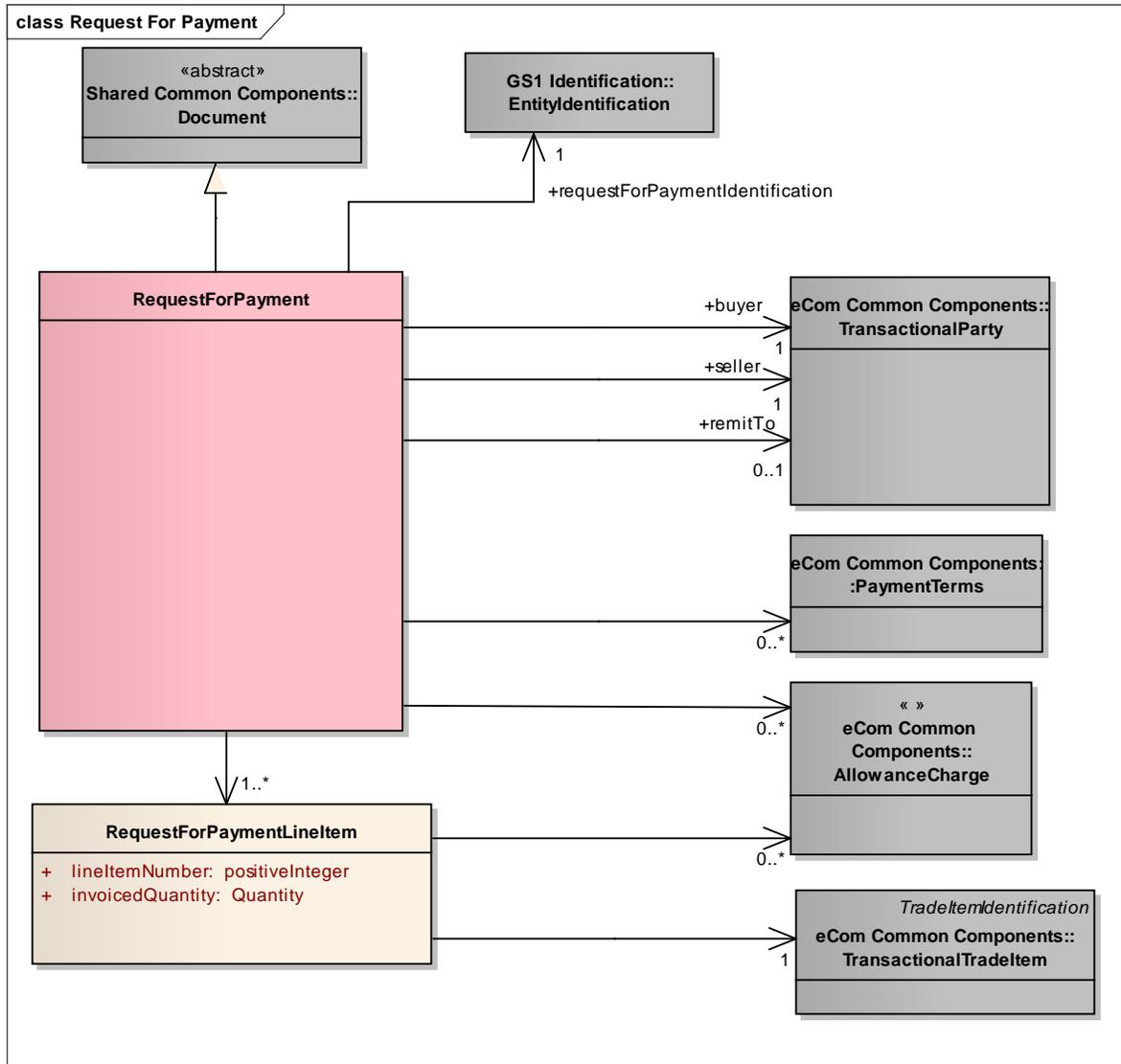
Not available

## 4. Business Information View

-  **Note:** Reference Shared Common Library Business Message (BMS) Release 3.0.0 and eCom Domain Common Library Business Message (BMS) Release 3.0.0 for all common information.

## 4.1. Request For Payment

### Class Diagram



**GDD Report**

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
<b>RequestForPayment</b>				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		PaymentTerms	0..*	The specification of the payment terms applicable to this request for payment.	
Association	requestForPaymentIdentification	EntityIdentification	1..1	Contains the unique identifier of the business document.	
Association	seller	TransactionalParty	1..1	Party selling merchandise to a buyer.	
Association		RequestForPaymentLineItem	1..*	Contains the specification of the Request For Payment Line Item.	
Association		AllowanceCharge	0..*	Specifies allowances and charges applicable to the entire message.	
Association	remitTo	TransactionalParty	0..1	The party (account owner) that receives a payment when such party is not the same as the seller.	
Association	buyer	TransactionalParty	1..1	Party to whom merchandise and/or service is sold.	
Generalization		Document		Used to specify basic information about the content of the message including version number, creation date and time.	
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.	

## 4.2. Code Lists

-  **Note:** Reference Shared Common Library Business Message (BMS) Release 3.0.0 and eCom Domain Common Library Business Message (BMS) Release 3.0.0 for all Code Lists

## 5. Business Message Example

The following is an example of a Request For Payment message. The message is sent out on April 12<sup>th</sup> 2011 at 11 AM. The message is identified with the unique identifier 2011001. The content owner is the sending party, in this case the manufacturer (Seller 8812345678903).

The receiving party is the buyer (8712345678913). The payment terms are basic and expected to be done at reception of goods.

The request is for 2 different trade items

Trade Item A (GTIN 08712345678906):

- Request of payment applies to 500 units

Trade Item B (GTIN 08712345678943):

- Request of payment applies to 1500 units

### Message:

<b>RequestForPayment</b>	
<b>Document</b>	
creationDateTime	2011-04-12T11:00:00
documentStatusCode	ORIGINAL
<b>EntityIdentification (+requestForPaymentIdentification)</b>	
entityIdentification	2011001
<b>PartyIdentification (+contentOwner)</b>	
gln	8812345678903
<b>TransactionalParty (+seller)</b>	
gln	8812345678903
<b>TransactionalParty (+buyer)</b>	
gln	8712345678913
<b>PaymentTerms</b>	
paymentTermsEventCode	RECEIPT_OF_GOODS
paymentTermsTypeCode	1
<b>RequestForPaymentLineItem</b>	
lineItemNumber	1
invoicedQuantity	500
<b>TransactionalTradeItem</b>	
gtin	08712345678906

<b>RequestForPayment</b>	
<b>RequestForPaymentLineItem</b>	
lineItemNumber	2
invoicedQuantity	1500
<b>TransactionalTradeItem</b>	
gtin	08712345678943

## 6. Implementation Considerations

Not Applicable

## 7. Appendices

Not Applicable

## 8. Summary of Changes

### 8.1. BMS Release 3.0

Change	BSD Version	Associated CR Number
For BMS Release 3.0.0: Updated to reflect changes in modelling methodology.	Issue 1.0.0	Not Applicable

### 8.2. BMS Release 3.1

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