

The Global Language of Business

Buyer Reconciliation Of Request For Payment Business Message Standard (BMS)

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Business Requirements Document (BRAD) Reference

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Date of Change	Version	Changed By	Reason for Change	Summary of Change
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01-May- 2013	BMS 3.1 - Issue 1	Coen Janssen	BMS Release 3.1	See summary of changes
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15-Oct-2018	BMS 3.4 – Draft for community review	Ewa Iwicka	BMS Release 3.4	See summary of changes
03-Feb-2021	BMS 3.5 – Issue 1	Miklos Bolyky	BMS Release 3.5	See summary of changes



Date of Change	Version	Changed By	Reason for Change	Summary of Change
05-Jan-2022	BMS 3.5.1 - Issue 1	Miklos Bolyky	BMS Release 3.5.1	See summary of changes
01-Mar-2023	BMS 3.6 - Issue 1	Miklos Bolyky	BMS Release 3.6	See summary of changes

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1 Business Domain View

1.1 Introduction

Message Definition

The Buyer Reconciliation Of Request For Payment is a message that allows a buyer to respond to Requests For Payment either submitted individually or assigned to a batch, from a seller. The message reports to the Seller whether or not the Buyer was able to schedule the Requests For Payment to be paid through the accounts payable system.

Principles

Not applicable

1.2 References

Reference Number	Reference Name	Description
[ref1]	Business Requirements Document For BUYER RECONCILIATION of REQUEST(S) For Payment, Version 1.0.2, 08.07.2004	BRAD
[ref2]	Change Request #01-000018	CR
[ref3]	BMS eCom Domain Common Library 3.6	
[ref4]	BMS Shared Common Library 3.6	

2 Business Context

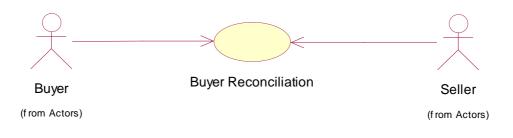
Context Category	Value(s)
Industry	All
Geopolitical	All
Product	All
Process	Рау
System Capabilities	GS1 System
Official Constraints	None



3 Business Transaction View

3.1 Business Transaction – Buyer Reconciliation

Use Case Diagram



Use Case Description

Use Case ID	UC-1				
Use Case Name	Buyer Reconc	Buyer Reconciliation			
Use Case Description	furnish the se payment thro document to t RFP(s) or a ba	The seller has sent one or more RFP(s) to the buyer. The buyer has agreed to furnish the seller information on the RFP(s) that could or could not be reconciled for payment through the Buyer's payables system. The buyer sends a reconciliation document to the seller. The reconciliation will denote the acceptance of individual RFP(s) or a batch of RFP(s) and flag the status of the process as either accept, accept with errors or reject.			
Actors (Goal)	Buyer and Sel	ler			
Performance Goals					
Preconditions		ave established their trading partner agreement, aligned their data le of sending and receiving transactions.			
Post conditions	Successful End Condition: Successful receipt of data by the seller. Successful End Condition: Unsuccessful receipt of the data by the seller.				
Scenario	Begins when t buyer. Continues wit Process Flow:				
	Step Acto #	Activity Step			
	1 Buye	r Buyer receives the batch of RFP(s).			
	2 Buye	r Buyer processes the batch of RFP(s).			
	3 Buyer Buyer sends a reconciliation for the batch of RFP's to the seller.				
	Ends when the seller receives a reconciliation document for the RFP(s) from the buyer				
Alternative Scenario	Begins when the Seller sends one or more RFP(s) to the buyer Continues with Process Flow: Single RFP(s)				
	Step Acto #	Activity Step			



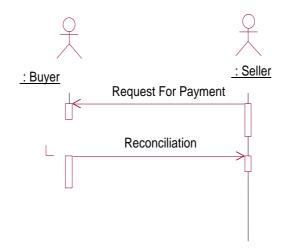
Buyer Reconciliation Of Request For Payment Business Message Standard (BMS)

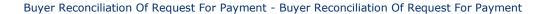
	1	Buyer	Buyer receives the RFP(s).
	2	Buyer	Buyer processes the RFP(s).
	3 Buyer Buyer sends a reconciliation of the RFP(s) to the seller		Buyer sends a reconciliation of the RFP(s) to the seller
	Ends when the seller receives a reconciliation document for the RFP(s) from the buyer		
Related Requirements	None		
Related Rules	None		

Activity Diagram(s)

Not Applicable

Sequence Diagram(s)

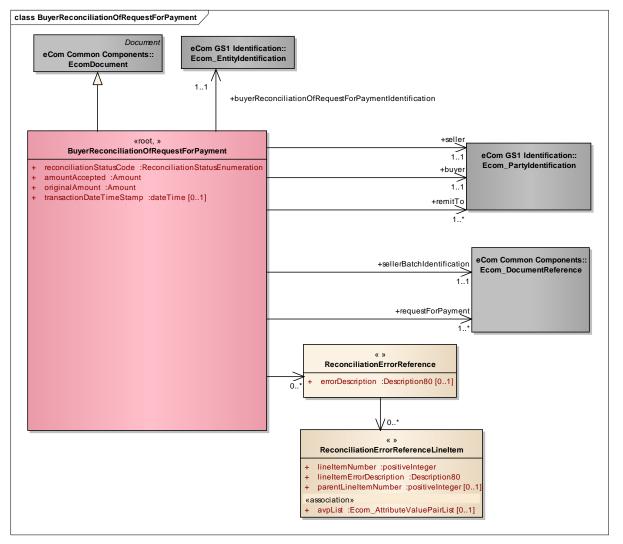




4 Business Information View

4.1 Buyer Reconciliation Of Request For Payment

Class diagram





GDD report

The content of the BuyerReconciliationOfRequestForPayment class, its structure and component definitions can be accessed in the Global Data Dictionary:

http://apps.gs1.org/GDD/bms/Version3_4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:BuyerReconciliationOfReguestForPayment

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
BuyerReconciliation OfRequestForPayme nt				This message allows a buyer to respond to Requests For Payment either submitted individually or assigned to a batch, from a seller. The document reports to the Seller whether or not the Buyer was able to schedule the RFP's for payment through the accounts payable system.	
Association		ReconciliationErrorRef erence	0*	Information on the Request for Payment that have been found to contain errors.	
Association	buyer	Ecom_PartyIdentificati on	11	Identifies the party to which products or services are sold.	WR 15-000314
Association	buyerReconcilia tionOfRequestF orPaymentIdent ification	Ecom_EntityIdentificat ion	11	Unique identifier for the Buyer Reconciliation Of Request For Payment Message.	WR 15-000314
Association	remitTo	Ecom_ PartyIdentification	01	The party (account owner) that receives a payment when such party is not the same as the seller.	WR 15-000314
Association	requestForPay ment	Ecom_DocumentRefer ence	1*	Reference to the Request for Payment documents being reconciled.	WR 15-000314
Association	seller	Ecom_PartyIdentificati on	11	Identifies the party which sells products or services to a buyer.	WR 15-000314
Association	sellerBatchIden tification	Ecom_DocumentRefer ence	11	Identifier number assigned by the seller to a batch of Requests for Payment (RFP's).	WR 15-000314
Generalization		EcomDocument		Basic information about the content of the message including version number, creation date and time.	
Attribute	reconciliationSt atusCode	ReconciliationStatusEn umeration	11	Code specifying the status of the reconciliation. Example: Accept.	



Buyer Reconciliation Of Request For Payment - Buyer Reconciliation Of Request For Payment

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	amountAccepte d	Amount	11	The amount of payment made to settle a request for payment that was accepted by the buyer or the buyer's financial institution.	
Attribute	originalAmount	Amount	11	The original amount of a request for payment or a batch of requests for payment.	
Attribute	transactionDate TimeStamp	dateTime	01	The identification of the date and time that a reconciliation of a request for payment was transacted.	

GDD Report

The content of the ReconciliationErrorReference class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3 4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:ReconciliationErrorReferenceLineItem

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
ReconciliationErrorR eference				Information on the Request for Payment that have been found to contain errors.;renamed from ErrorReference	
Association		ReconciliationErrorRef erenceLineItem	0*	Information on the line items in the Request for Payment containing the errors.	
Association	requestForPay mentWithError	Ecom_DocumentRefer ence	11	Reference to the Request For Payment containing the error(s).	WR 15-000314
Attribute	errorDescription	Description80	01	A description of an error or errors in a request for payment (RFP). ;renamed from badData	

GDD Report

The content of the ReconciliationErrorReferenceLineItem class, its structure and component definitions can be accessed in the Global Data Dictionary:

http://apps.gs1.org/GDD/bms/Version3_4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:ReconciliationErrorReferenceLineItem



Buyer Reconciliation Of Request For Payment - Buyer Reconciliation Of Request For Payment

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
ReconciliationErrorR eferenceLineItem				Information on a line item in the Request for Payment containing the error(s).	
Attribute	lineItemNumbe r	positiveInteger	11	Provides the line number associated to the line item containing the error.	
Attribute	lineItemErrorDe scription	Description80	11	A description of an error or errors at the line item level in a request for payment (RFP).	
Attribute	parentLineItem Number	positiveInteger	01	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_AttributeValueP airList	01	Temporary attributes introduced between minor versions.	

Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.

1



4.2 Enumerations (message specific)

4.2.1 ReconciliationStatusEnumeration

CodeValue	Description	
ACCEPT	Reconciliation Status is accepted.	
ACCEPT_WITH_ERRORS	Reconciliation Status is accepted with errors.	
REJECT	Reconciliation Status is rejected.	

4.3 Code List

Not applicable



5 Business Message Examples

5.1 Example 1

This is an example of the Buyer Reconciliation Of Request For Payment message.

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller

Message Example

Attribute	Value
BuyerReconciliationOfRequestForPayment	
creationDateTime	2011-04-13 11.00
documentStatusCode	ORIGINAL
reconciliationStatusCode	ACCEPT
amountAccepted	380 EUR
originalAmount	480 EUR
EntityIdentification (+buyerReconciliationOfRequestForPaymentIdentificati on)	
entityIdentification	BRORFP1
PartyIdentification (+contentOwner)	
gln	5412345000013
PartyIdentification (+seller)	
gln	4098765000010
PartyIdentification (+buyer)	
gln	5412345000013
DocumentReference (+requestForPayment)	
entityIdentification	RFP222
creationDateTime	2011-04-12 11:00
DocumentReference (+requestForPayment)	
entityIdentification	RFP333
creationDateTime	2011-04-12 11:30
PartyIdentification (+contentOwner)	
gln	4098765000010
DocumentReference (+sellerBatchIdentification)	
entityIdentification	SBI02
PartyIdentification (+contentOwner)	
gln	4098765000010



6 Implementation Considerations

6.1 User Guide

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

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: <u>http://wr.gs1.org</u>. 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
Updated for Major Release 3.0, BMS version 3.0.0:	N/A
Updated to reflect changes in modelling methodology.	

7.2 BMS Release 3.1

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

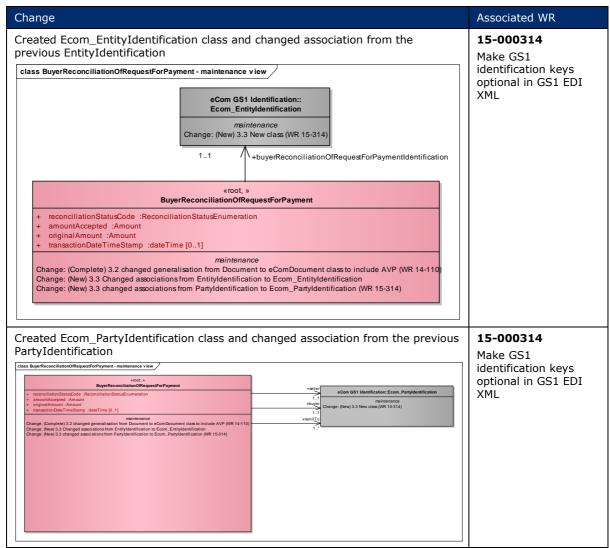
Change	Associated CR Number
fixed typo in class diagram and GDD report: requestForPaymenWithError now states requestForPaymen \underline{t} WithError	N/A

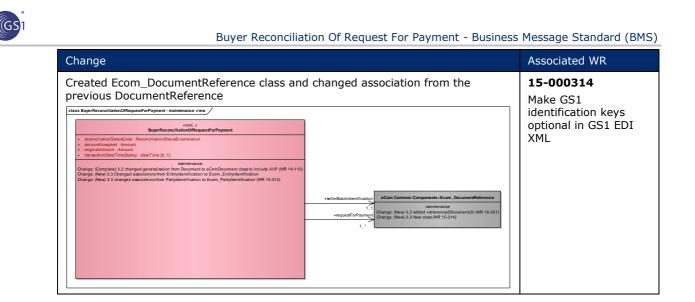
7.3 BMS Release 3.2

class BuyerReconciliationOfRequestForPayment - maintenance view 14-000110 Add Attribute Value %root, » BuyerReconciliationOfRequestForPayment Add Attribute Value * reconciliationStatusCode: ReconciliationStatusEnumeration + amountAccepted: Amount + originalAmount: Amount + transactionDateTimeStamp: dateTime [01] maintenance + maintenance	Add Attribute Value Pair at the root, line item and sub line item and sub line item levels Add Attribute Value Pair at the root, line item and sub line item levels	Change	Associated WR
Change: (Verified) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)		class BuyerReconciliationOfRequestForPayment - maintenance view «root, » BuyerReconciliationOfRequestForPayment + reconciliationStatusCode: ReconciliationStatusEnumeration + amountAccepted: Amount + originalAmount: Amount + transactionDateTimeStamp: dateTime [01] maintenance	14-000110 Add Attribute Value Pair at the root, line item and sub line

Buyer Reconciliation Of Request For Payment - Business Message Standard (BMS) Change Associated WR 14-000021 & class ReconciliationErrorReferenceLineItem - maintenance view 14-000044 Add a reference to «» parent line number **ReconciliationErrorReferenceLineItem** to all LineItem classes, to support + lineltemNumber: positiveInteger hierarchical items. lineItemErrorDescription: Description80 + parentLineItemNumber: positiveInteger [0..1] 14-000110 «association» + avpList: Ecom_AttributeValuePairList [0..1] Add Attribute Value Pair at the root, line maintenance item and sub line Change: (Verified) 3.2 added +avpList (WR 14-110) item levels Change: (Verified) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)

7.4 BMS Release 3.3





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.

8 Appendices

Not Applicable

9 Acknowledgements

9.1 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
Member	Bodemer, Petra	dm-drogerie markt GmbH + Co. KG
Member	Boikanyo, Rebone	GS1 South Africa / Consumer Goods Council of South Africa
Member	Canada, ON	M3B 3L1
Member	Carlson, Jim	General Mills, Inc.



Buyer Reconciliation Of Request For Payment - Business Message Standard (BMS)

Function	Name	Company / organisation	
Member	Chresta, Richard	GS1 Switzerland	
Member	Cook, Don	Wal-Mart Stores, Inc.	
Member	Cox, Marc	Philips Electronics N.V.	
Member	Darnell, David	Systrends	
Member	De Flou, Nele	GS1 Belgium & Luxembourg	
Member	Dicks, Arne	GS1 Germany	
Member	Duvinger, Karina	GS1 Sweden	
Member	Foerderer, Klaus	GS1 Germany	
Member	Gathmann, Stefan	GS1 Ireland	
Member	Grangard, Anders	GS1 Global Office	
Member	Harpell, Eileen	GS1 Community Room Staff	
Member	Hand, Phil	JDA Software	
Member	Herregodts, Kurt	GS1 Belgium & Luxembourg	
Member	Kempkes, Fred	Unilever N.V.	
Member	Kernan, Brendan	GS1 Ireland	
Member	Kidd, Robin	Nestle	
Member	Krid, Anne-Claire	GS1 France	
Member	Lanoue, Tom	General Mills, Inc.	
Member	Laur, Rita	GS1 Canada	
Member	Lenman, Mia	GS1 Sweden	
Member	Lerch, Hanjoerg	METRO Group	
Member	Moberg, Dale	Ахway	
Member	Montes de Oca, Alejandra	GS1 Mexico	
Member	Ng, Ella	GS1 Australia	
Member	Peelen, Esther	GS1 Netherlands	
Member	Pelekies, Andreas	GS1 Germany	
Member	Perrier, Patricia	GS1 France	
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	
Member	Rosenberg, Steven	GS1 US	
Member	Schmid, Sue	GS1 Australia	
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	

Function	Name	Company / organisation
Member	Strand, Roman	GS1 Germany
Member	Tan, Milton	GS1 Malaysia
Member	Tompsett, Simon	Waitrose
Member	Trelle, Ute	1WorldSync Holdings, Inc.
Member	Tse, Steve	GS1 Hong Kong
Member	Tyson, Betty	Knouse Foods Cooperative, Inc
Member	Van den Bergh, Senne	GS1 Belgium & Luxembourg
Member	Van der Eijk, Pim	OASIS - Sonnenglanz Consulting BV
Member	Veldhuis, Saskia	Procter & Gamble Co.
Member	Welch, Shan	GS1 UK
Member	Westerkamp, Jan	GS1 Netherlands
Member	Wilson, Mary	GS1 US
Member	Windsperger, Bekki	Best Buy Co., Inc.
Member	Yang, Shaopeng	GS1 China
Member	Yusdiar, Dani	GS1 Indonesia
Member	Zwanziger, Greg	SUPERVALU

9.2 Development Team Members

(GS1

Function	Name	Organisation
GSMP Process Lead	David Buckley	GS1 Global Office
Technical Development Lead	Miklos Bolyky	GS1 Global Office
Peer Review	Mark Van Eeghem	GS1 Global Office