



# Business Message Standard (BMS) Configure to Order

**BMS Release: 2.6.0, BRG Name: eCom BRG**

***Issue 0.3.0, 30-Oct-2009***



## Document Summary

Document Item	Current Value
Document Title	Business Message Standard (BMS)
BMS Name	Configure to Order
BMS Release	2.6.0
BRG Name	eCom BRG
Document Number	Issue 0.3.0
Date Last Modified	30-Oct-2009
Status	Approved
Owner	eCom BRG
BMS Template Version	1.9

## Change Request Reference

Date of CR Submission to GSMP:	CR Submitter(s):	Refer to Change Request (CR) Number(s):
06-May-2009	Stef Spaan, GS1 Netherlands	09-000134
20-Aug-2008	John RYU, GS1 Global Office	08-000209
13- Jul -2007	John RYU, GS1 Global Office	07-000285
21- Mar -2007	Stef SPAAN, GS1 Netherlands	07-000098
12- Mar -2007	Stef SPAAN, GS1 Netherlands	07-000077
21- Aug -2002	Furnish Net	02-000179

## Business Requirements Document (BRAD) Reference

BRAD Title:	BRAD Date:	BRAD Version
BRD Configure to Order	01- Nov-2003	0.1.5
BRAD For Multi Shipment Order Receipt Response and Excise Tax Free	6-Jun-2007	0.0.4
BRAD eCom Maintenance Release 2 BMS 2.6.0	29-Jun-2009	Version 0.1.1

## Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
15-Mar-2005	0.0.1	Maria Victoria CARO	Creation of the document	Migration of the BRD Configure to Order approved by Order BRG and ITRG for publication December 2004.	

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
7-Apr-2005	0.0.2	John RYU	Updated BSD for harmonization	<ul style="list-style-type: none"> <li>Pasted Related Requirements Section</li> <li>Pasted GDD Platform</li> <li>Harmonized Class Diagram</li> <li>Updated Business Document section 1.6 to reflect the enforcement of GTIN and removal of the alternate trade item identification as part of Version 2.0.1 release</li> </ul>	Model P4CL: 6352  BSD P4CL: 6364
10-Jul-2007	0.1.0	John RYU	Upgrade for BMS Version 2.4 Release  Submitted for Peer Review	Note in Summary of Changes	Model P4CL: 9617  BSD P4CL: 9618
18-Jul-2007	0.1.1	John RYU	eCom BRG Motioned for TSD Development	Noted in Summary of Changes	BSD P4CL: 9666
24-Aug-2007	0.1.2	John RYU	Included in TSD Packet Review	Public Review	BSD P4CL: 9802
11-Sep-2007	0.1.3	John RYU	Based on Public Review Resolution Initiate eBallot Period	Noted in Summary of Changes	BSD P4CL: 9933
25-Sep-2007	0.1.4	John RYU	eCom BRG eBallot Approved	Updated BMS to Approved	BSD P4CL: 9998
24-Oct-2008	0.2.0	John RYU	BMS Release 2.5.0	Noted in Summary of Changes	MDL:10644 BSD:10645
01-Dec -2008	0.2.1	Lisa Herrick	BMS Release 2.5.0 Final Public Review	Noted in summary of changes	NOT APPLICABLE
06-Feb-2009	Issue 0.2.1	Lisa Herrick	BMS Release 2.5.0 eBallot Approved	Noted in summary of changes	NOT APPLICABLE
17-Jul-2009	Draft 0.3.0	Lisa Herrick	BMS Release 2.6.0 Initial Version	No content changes. Released as companion document to Order Response.	11180
30-Oct-2009	0.3.0 Issue	Lisa Herrick	BMS Release 2.6.0 eBallot Approved	Updated to Issue	Not Applicable

## Disclaimer

Whilst every effort has been made to ensure that the guidelines to use the GS1 standards contained in the document are correct, GS1 and any other party involved in the creation of the document HEREBY STATE that the document is provided without warranty, either expressed or implied, of accuracy or fitness for purpose, AND HEREBY DISCLAIM any liability, direct or indirect, for damages or loss relating to the use of the document. The document may be modified, subject to developments in technology, changes to the standards, or new legal requirements. Several products and company names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

# Table of Contents

<b>1. Business Domain View .....</b>	<b>5</b>
1.1. Problem Statement / Business Need .....	5
1.2. Objective.....	5
1.3. Audience.....	5
1.4. References .....	5
1.5. Acknowledgements .....	6
1.5.1. eCom BRG .....	6
1.5.2. Design Team Members .....	9
<b>2. Business Context .....</b>	<b>9</b>
<b>3. Additional Technical Requirements Analysis.....</b>	<b>9</b>
3.1. Technical Requirements.....	9
<b>4. Business Transaction View .....</b>	<b>10</b>
4.1. Business Transaction Use Case Diagram .....	10
4.2. Use Case Description.....	10
4.3. Business Transaction Activity Diagram.....	11
4.4. Business Transaction Sequence Diagram .....	11
<b>5. Information Model (Including GDD Report) .....</b>	<b>12</b>
5.1. GDD Configure To Order .....	12
5.2. Class Diagrams .....	15
5.3. Code Lists.....	15
<b>6. Business Document Example .....</b>	<b>15</b>
<b>7. Implementation Considerations.....</b>	<b>18</b>
<b>8. Testing.....</b>	<b>18</b>
8.1. Pass / Fail Criteria .....	18
8.2. Test Data .....	18
<b>9. Appendices .....</b>	<b>18</b>
<b>10. Summary of Changes.....</b>	<b>19</b>

# 1. Business Domain View

## 1.1. Problem Statement / Business Need

There is a need to build the business requirements to provide support for configurable items on a purchase order. A configurable item is one that starts with a single structure, but to which a large variety of options may be added in a variety of combinations. A unique product identification code is assigned to the main structure of a configurable item, but due to the variety of combinations of options, it is NOT practical to assign unique product identification to each completed configured item.

The current GS1 XML Standards documents don't permit:

- Ordering a base item with a customer specific combination of options

This scenario applies to many manufacturers and retailers. For manufacturers and retailers who specialize in upholstered furniture, it can apply to the vast majority of their business. For these companies, any model that does not support configured product is not an accurate business model, and any implementation from a model that does not support configured product is not usable. As such, the business benefits of this request are the ability to do business at all.

## 1.2. Objective

To supply the detail design of the (specific) business transaction needed to meet the requirements of the referenced BRAD(s).

The objective is to upgrade the GS1 Order Message standard, according to the requirements of the referenced change request in the document summary.

## 1.3. Audience

The audience for this document is the global business community and the senders/receivers of purchase orders, changes to purchase orders, and responses.

## 1.4. References

Reference Name	Description
BRD Configure to Order	BRD Version 0.1.5
BMS Common Library	BMS Release 2.6.0
Business Requirements Analysis Document (BRAD) For Multi Shipment Order Receipt Response and Excise Tax Free	BRAD Version 0.0.4

## 1.5. Acknowledgements

### 1.5.1. eCom BRG

First Name	Last Name	Company
Ryohei	Ariga	Procter & Gamble Co. (Japan)
Alison	Bartlet	Commport Communications Int'l Inc.
Lorraine	Bartrop	Whitbread Group, PLC
Martin	Beno	GS1 Slovakia
Mike	Blank	3663 First for Foodservice
Kyra	Blankenstein	GS1 Netherlands
Zsolt	Bócsi	GS1 Hungary
Shaun	Bosson	GS1 New Zealand
Dave	Botherway	Melbourne PC User Group
Miriam	Burke	Procter & Gamble Co.
Jean-Luc	Champion	GS1 Global Office
Richard	Chresta	GS1 Switzerland
Fatou	COULIBALY	GS1 France
Troy	Denyer	GS1 Australia
Arne	Dicks	GS1 Germany
Marilyn	Dodd	3M Company
John	Duker	Procter & Gamble Co.
Karina	Duvinger	GS1 Sweden
Carol	Edison	General Mills, Inc.
Hussam	El-Leithy	RosettaNet
Chris	Emment	Brakes Food Service
Karen	Feiling	GS1 South Africa
Brian	Finale	UPS
Klaus	Foerderer	GS1 Germany
David	Freedman	Inovis Inc. (US)
Joel	Goldberg	Rosenthal & Rosenthal, Inc.
Anders	Grangard	GS1 Global Office
Sara	Halfmann	Best Buy Co., Inc.
John	Hervey	NACS/PCATS
Douglas	Hill	GS1 Denmark

First Name	Last Name	Company
Rob	Hoffman	Hershey Company (The)
Norbert	Horst	GS1 Germany
Sandra	Hurd	CIT Group (The)
Mark	Ingram	Anheuser Busch
Coen	Janssen	GS1 Netherlands
Jim	Jennings	Procter & Gamble Co.
Tan	Jin Soon	GS1 Singapore
Fred	Kempkes	Unilever N.V.
Atsushi	Koizumi	Ajinomoto Co., Inc.
Vladimir	Kozovic	GS1 Serbia
Anne-Claire	Krid	GS1 France
Priya	Kunthasami	GS1 New Zealand
CHRISTIAN	LAPORTE	GAZ DE FRANCE
Rita	Laur	GS1 Canada
Sophie	Le Pallec	GS1 France
Guillaume	Lecomte	Firmenich
Sean	Lockhead	GS1 Global Office
Bill	Lohse	Data-Tronics Corporation
Ana Paula	Maniero	GS1 Brasil
Eric	Maree	Accenture Supply Chain Services
Michal	Martinko	Hewlett-Packard
Robert	McHugh	Menlo Worldwide
John	Meier	Giant Food Stores, Inc.
Jeff	Melcher	Army & Air Force Exchange Service
Juan	Mengide	GS1 Argentina
Cyndi	Metallo	Gladson Interactive
James	Morrison	Whirlpool Corporation
Dana	Morton	FedEx
Hirokazu	Nagai	Japan Pallet Rental Corporation
Frank	Napoli	LMI
Corinne	Narbaïts-Jauréguy	GS1 France
Eileen	Naused	McCormick & Company, Inc.
Debra	Noyes	Johnsonville Sausage, Inc
Hideaki	Ohata	Nomura Research Institute, Ltd

First Name	Last Name	Company
Mike	Osiecki	Best Buy Co., Inc.
Phil	Oxley	Compass Group, UK and Ireland Ltd
Esther	Peelen	GS1 Netherlands
Steven	Pereira	GS1 Australia
Uxio	Perez Rodriguez	TLR Soft
Marie	Perry	Coca-Cola Enterprises
Joao	Picoito	GS1 Portugal
Leon	Plaksin	GS1 Australia
Valerie	Post	Link Snacks Inc, Jack Links Beef Jerky
Natascha	Pottier	GS1 France
Joerg	Pretzel	GS1 Germany
Rich	Richardson	GS1 US
Steven	Robba	Johnson & Johnson
Pere	Rosell	GS1 Spain
Steven	Rosenberg	GS1 US
Steve	Rowland	GS1 New Zealand
John	Ryu	GS1 Global Office
Hugo	Sabogal	GS1 Colombia
Akikazu	Sato	Kao Corporation
Kazuya	Sato	GS1 Japan
Sue	Schmid	GS1 Australia
Christian	Schneider	GS1 Switzerland
Jon	Sharratt	Target Corporation
Jeanne	Shavlik-Bork	Kimberly-Clark Corporation
Mary	Shaw	IDEA (Canada)
Emilie	SION	GS1 France
Matthew	Smith	Bunnings Group Limited
Stef	Spaan	GS1 Netherlands
Roman	Strand	GS1 Germany
Gina	Tomassi	PepsiCo
Dale	Turner	MediaLibrary Pty Ltd
Monica	Van Haren	Mars, Inc.
Krisztina	Vatai	GS1 Hungary
Claude	Viman	Johnson & Johnson



First Name	Last Name	Company
Akihiro	Watanabe	Izumiya Co., LTD
Shan	Welch	GS1 UK
Jan	Westerkamp	GS1 Netherlands
Bekki	Windsperger	Best Buy Co., Inc.
Chi-Wei	Yang	UPS
Marc	Yarbrough	Cadbury plc - North America
Greg	Zwanziger	SUPERVALU

### 1.5.2. Design Team Members

Function	Name	Organisation
Modeler	John Ryu	GS1 Global Office
XML Technical Designer	Dipan Anarkat	GS1 Global Office
EANCOM Technical Designer	Not Applicable	
Peer Reviewer	Eric Kauz	GS1 Global Office

## 2. Business Context

Context Category	Value(s)
Industry	Furniture
Geopolitical	Global
Product	Configurable Item
Process	Order
System Capabilities	GS1 System
Official Constraints	None

## 3. Additional Technical Requirements Analysis

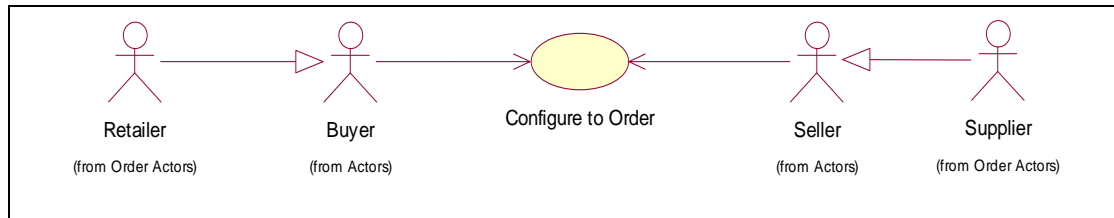
Not Applicable

### 3.1. Technical Requirements

Not Applicable

## 4. Business Transaction View

### 4.1. Business Transaction Use Case Diagram



### 4.2. Use Case Description

<b>Use Case ID</b>	UC -1
<b>Use Case Name</b>	Ordering of Configurable Items specifying ship to location
<b>Use Case Description</b>	<p>This Use Case provides the ability for a buyer can create one order for one or more configurable items.</p> <p>One order can contain order lines for configurable items as well as order lines for stock items.</p>
<b>Actors (Goal)</b>	Buyer, Seller, Consumer
<b>Performance Goals</b>	Not Applicable
<b>Preconditions</b>	<ul style="list-style-type: none"> <li>■ The Buyer and Seller have aligned Party and Item information, with the exception of the values of the consumer's options for the configurable item.</li> <li>■ During data alignment, the retailer has received from the manufacturer item definition information that defines exactly which options are available on each configurable item, and which values may be used in each of those options.</li> <li>■ The Buyer and Seller agree that each can produce and process an order with configurable items.</li> <li>■ The Buyer and Seller agree on whether an Order Response message is required, as an option based on the pre-determined trading partner agreements.</li> </ul>
<b>Post conditions</b>	The Seller has received the Configure to Order sent by the Buyer

Scenario	<b>Begins when...</b> An end-consumer walks into a retail store and buys a configurable item (e.g. sofa).											
	<b>Continues with...</b>											
	<table><tr><th>Step #</th><th>Actor</th><th>Activity Step</th></tr><tr><td>1</td><td>Consumer/Retailer</td><td>In the process of ordering, makes many decisions about the finished piece, choosing from a wide variety options (e.g. fabric). The options that can be selected are all totally defined with the publication of the item identification, as offered by the manufacturer.</td></tr><tr><td>2</td><td>Consumer/Retailer</td><td>Sends the order to the manufacturer with instructions on which base item to start with (e.g. frame), which options to include, and with which values each option should be constructed. The resulting piece may literally be a "one-of-a-kind" piece, depending on what options the customer chooses.</td></tr></table>			Step #	Actor	Activity Step	1	Consumer/Retailer	In the process of ordering, makes many decisions about the finished piece, choosing from a wide variety options (e.g. fabric). The options that can be selected are all totally defined with the publication of the item identification, as offered by the manufacturer.	2	Consumer/Retailer	Sends the order to the manufacturer with instructions on which base item to start with (e.g. frame), which options to include, and with which values each option should be constructed. The resulting piece may literally be a "one-of-a-kind" piece, depending on what options the customer chooses.
	Step #	Actor	Activity Step									
1	Consumer/Retailer	In the process of ordering, makes many decisions about the finished piece, choosing from a wide variety options (e.g. fabric). The options that can be selected are all totally defined with the publication of the item identification, as offered by the manufacturer.										
2	Consumer/Retailer	Sends the order to the manufacturer with instructions on which base item to start with (e.g. frame), which options to include, and with which values each option should be constructed. The resulting piece may literally be a "one-of-a-kind" piece, depending on what options the customer chooses.										
<b>Ends when...</b> the Seller receives the Configure to Order for processing												
Alternative Scenario	Not Applicable											
Related Requirements	Not Applicable											
Related Rules	Not Applicable											

### 4.3. Business Transaction Activity Diagram

Not Applicable

### 4.4. Business Transaction Sequence Diagram

Not Applicable

## 5. Information Model (Including GDD Report)

### 5.1. GDD Configure To Order

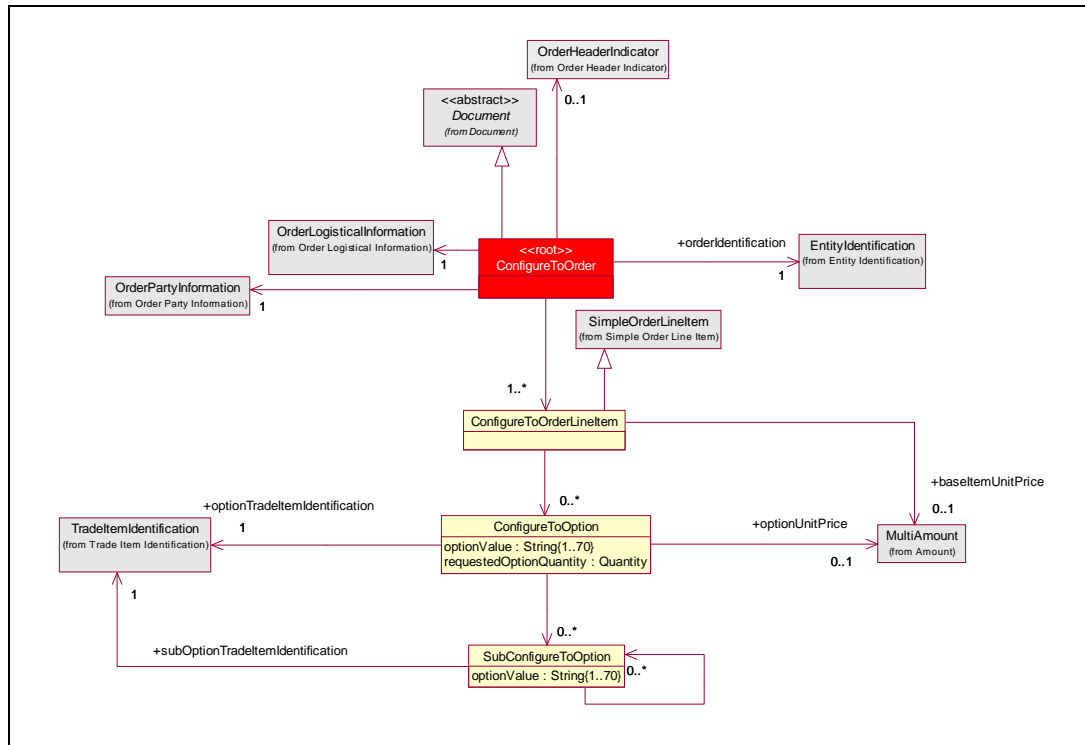
Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
ConfigureToOption				Configure To_ Option_ Purchase Order Sub Line. Details	Specify the identification for each of the options of the configurable item, its value, quantity and price.			BRD Title: Configure to Order BRD Version 0.1.5	
	optionValue			Configure To_ Option_ Purchase Order Sub Line.Option Value.Text	The value that the buyer has chosen for the Configure To Option.	1..1	Text. Content	BRD Title: Configure to Order BRD Version 0.1.5	minLength='1' maxLength='70'
	requestedOptionQuantity			Configure To_ Option_ Purchase Order Sub Line. Requested_ Quantity. Quantity	the number of units that the buyer has ordered of the Configure To Option	1..1	Quantity. Content Quantity Unit. Code Quantity Unit. Code List Agency. Identifier	BRD Title: Configure to Order BRD Version 0.1.5	No Restrictions
		optionUnitPrice	MultiAmount	Configure To_ Option_ Purchase Order Sub Line. Option Unit Price. Multi-currency Amount	The unit price associated with the configure to option.	0..1		BRD Title: Configure to Order BRD Version 0.1.5	
			SubConfigureToOption	Configure To_ Option_ Purchase Order Sub Line. Association. Configure To_ Sub Option_ Purchase Order Sub Line	A sub-option associated with a configure to option.	0..*		BRD Title: Configure to Order BRD Version 0.1.5	
		optionTradeItemIdentification	TradeItemIdentification	Configure To_ Option_ Purchase Order Sub Line. Option Trade Item Identification. Trade Item Identification	The trade item associated with this configure to option.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	
ConfigureToOrder				Configure To_ Purchase Order. Details	The Configure to Order provides the ability for a buyer to order			BRD Title: Configure to Order BRD Version 0.1.5	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
					configurable items, that starts with a base item, but to which a large variety of options may be added in a variety of combinations.				
			ConfigureToOrderLineItem	Configure To_ Purchase Order. Line Item. Configure To_ Purchase Order Line	This information on ConfigureToOrderLineItem for ConfigureToOrder.	1..*		BRD Title: Configure to Order BRD Version 0.1.5	
			Document	Configure To_ Purchase Order. Inheritance. Electronic_ Document	This information on Document for ConfigureToOrder.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	
		orderIdentification	EntityIdentification	Configure To_ Purchase Order. Order Identification_ Association. Entity Identification	Provides the unique identification for the configure to order.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	
			OrderHeaderIndicator	Configure To_ Purchase Order. Order Identification_ Association Order Header Indicator	Provides the order header indicator information.	0..1		CR 8-209 [BRAD For Multi Shipment Order Receipt Response and Excise Tax Free] {BR1,2}	
			OrderLogisticalInformation	Configure To_ Purchase Order. Association. Order_ Logistical Information Group	This information on OrderLogisticalInformation for ConfigureToOrder.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	
			OrderPartyInformation	Configure To_ Purchase Order. Association. Order_ Party Group	Party Information associated with this Configure to Order.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	
ConfigureToOrderLineItem				Configure To_ Purchase Order Line. Details	Specify the information related to each line item, and each Configure to Order will contain one or more line items.			BRD Title: Configure to Order BRD Version 0.1.5	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
			ConfigureToOption	Configure To_ Purchase Order Line. Association. Configure To_ Option_ Purchase Order Sub Line	A configure to option associated with a configure to order.	0..*		BRD Title: Configure to Order BRD Version 0.1.5	
		baseItemUnitPrice	MultiAmount	Configure To_ Purchase Order Line. Base Item Unit Price_ Price. Multi-currency Amount	Provides the base item unit price.	0..1		BRD Title: Configure to Order BRD Version 0.1.5	
			SimpleOrderLineItem	Configure To_ Purchase Order Line. Inheritance. Simple_ Purchase Order Line	Provides the order line item details.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	
SubConfigureToOption				Configure To_ Sub Option_ Purchase Order Sub Line. Details	Specify the identification for each of the sub options of the option of the configurable item and its value.			BRD Title: Configure to Order BRD Version 0.1.5	
	optionValue			Configure To_ Sub Option_ Purchase Order Sub Line. Option Value. Text	The value that the buyer has chosen for the Configure To Option.	1..1	Text. Content	BRD Title: Configure to Order BRD Version 0.1.5	minLength='1' maxLength='70'
			SubConfigureToOption	Configure To_ Sub Option_ Purchase Order Sub Line. Sub Option Trade Item Identification_ Association. Configure To_ Sub Option_ Purchase Order Sub Line. Sub Option Trade Item Identification	A purchase order subline associated with a purchase order subline	0..*		BRD Title: Configure to Order BRD Version 0.1.5	
		subOptionTradeItemIdentification	TradeItemIdentification	Configure To_ Sub Option_ Purchase Order Sub Line. Sub Option Trade Item Identification_ Association. Trade Item Identification	Provides the item identification for the SubOption Trade Item.	1..1		BRD Title: Configure to Order BRD Version 0.1.5	

## 5.2. Class Diagrams

Figure 5-1 Class Diagram: Configure To Order



✓ **Note:** Reference Common Library Business Message (BMS) Release 2.5.0 for all common information.

## 5.3. Code Lists

✓ **Note:** Reference Common Library Business Message Release 2.5.0 for all Code Lists

## 6. Business Document Example

### EXAMPLE 1 ORDER LINE - FURNITURE LINE ITEM

Configure To Order

Order Identification: **CTO4454**

Document

Document Status: **ORIGINAL**

Creation Date Time: **2007-07-04 11:00**

Order Header Indicator

Is Application Receipt Acknowledgement Required: **FALSE**

Is Order Free of Excise Tax Duty: **FALSE**

## BASE ITEM

Line Number: 1

(Base)Trade Item Identification (GTIN): 00052800483200 (Sofa)

(Base) Trade Item Identification: 11-212 (Sofa)

Additional Trade Item Identification List: BUYER\_ASSIGNED

Quantity: 1

Net Price (Total Unit Price): 1000 USD

Base Unit Price: 500 USD

## ITEM CONFIGURATION SECTION

Option Trade Item Identification (GTIN): 00614141006601(Primary Fabric)

Option Trade Item Identification: 50579L44 (Primary Fabric)

Additional Trade Item Identification List: SELLER\_ASSIGNED

Quantity: 1

Option Unit Price: 250 USD

Option Value: 456abc (identify specific fabric as Velvet)

Option Trade Item Identification (GTIN): 00614141005501 (Secondary Fabric)

Option Trade Item Identification: 20295L12 (Secondary Fabric)

Additional Trade Item Identification List: SELLER\_ASSIGNED

Quantity: 1

Option Unit Price: 250 USD

Option Value: 09884 (identify specific fabric)

Sub Option Trade Item Identification (GTIN): 00614141004401 (Placement)

Sub Option Trade Item Identification: 9987V45 (Placement)

Additional Trade Item Identification List: SELLER\_ASSIGNED

Option Value: 98098 (Seat Cushion)

Sub Option Trade Item Identification (GTIN): 00614141003301 (Orientation) Sub Option Trade Item Identification: 54309854 (Orientation)

Additional Trade Item Identification List: SELLER\_ASSIGNED

Option Value: Railroad

Sub Option Trade Item Identification (GTIN): 00614141002201 Customer Owned Material)

Sub Option Trade Item Identification: 809854 (Customer Owned Material)



Additional Trade Item Identification List: **SELLER\_ASSIGNED**

Option Value: **True**

Sub Option Trade Item Identification (GTIN): **00614141001101 (Excess Material instruction)**

Sub Option Trade Item Identification: **85245 (Excess Material instruction)**

Alternative Trade Item Identification List: **SELLER\_ASSIGNED**

Option Value: Return to Customer

### **EXAMPLE 2 ORDER LINE – AUTOMOBILE LINE ITEM**

Configure To Order

Order Identification: **CTO4444**

Document

Document Status: **ORIGINAL**

Creation Date Time: **2007-07-04 11:00**

Order Header Indicator

Is Application Receipt Acknowledgement Required: **FALSE**

Is Order Free of Excise Tax Duty: **FALSE**

BASE ITEM

Line Number: **1**

(Base) Item Identification: **8436518390545**

Quantity: **1**

Net Price (Total Unit Price): **25.000**

Base Unit Price: **20.000**

ITEM CONFIGURATION SECTION

Option Trade Item Identification (GTIN): **00514141006601(Primary Seat Cover)**

Option Trade Item Identification: **88098L (Primary Seat Cover)**

Additional Trade Item Identification List: **SELLER\_ASSIGNED**

Quantity: **1**

Option Unit Price: **2.000 EUR**

Option Value: **786876 (Leather)**

Sub Option Trade Item Identification (GTIN): **00333141006601 (Protection)**

Sub Option Trade Item Identification: **9098905 (Protection)**

Additional Trade Item Identification List: **SELLER\_ASSIGNED**

Option Value: **True**

Option Trade Item Identification (GTIN): **00333333006601 Exterior Color**

Option Trade Item Identification: **20295L12 (Exterior Color)**

Additional Trade Item Identification List: **SELLER\_ASSIGNED**

Quantity: **1**

Option Unit Price: **3.000 EUR**

Option Value: **8797 (White)**

Sub Option Trade Item Identification (GTIN): **00848141006601 (Finish)**

Sub Option Trade Item Identification: **8436518393802 (Finish)**

Option Value: **Perlized**

## 7. Implementation Considerations

Not Applicable

## 8. Testing

Not Applicable

### 8.1. Pass / Fail Criteria

Not Applicable

### 8.2. Test Data

Not Applicable

## 9. Appendices

Not Applicable

## 10. Summary of Changes

Change	BSD Version	Associated CR Number
<p>Upgraded BMS Document to BMS Template Version 1.8 and upgraded for BMS Release 2.4.0</p> <p>Class Diagram</p> <ul style="list-style-type: none"> <li>Added mandatory (1..1) association from ConfigureToOrder to OrderHeaderIndicator</li> <li>Reference SimpleOrderLineItem which was enhanced for BMS Release 2.3.0</li> <li>Referenced OrderLogisticalInformation which was enhanced for BMS Release 2.3.0</li> </ul> <p>Changed Data Types</p> <p>Class ConfigureToOption</p> <ul style="list-style-type: none"> <li>From: optionValue:String</li> <li>TO : optionValue:String{1..70}</li> <li>From: requestedOptionQuantity:Float</li> <li>TO : requestedOptionQuantity:Quantity</li> </ul> <p>Class SubConfigureToOption</p> <ul style="list-style-type: none"> <li>From: optionValue:String</li> <li>TO : optionValue:String{1..70}</li> </ul> <p>Sample Data</p> <ul style="list-style-type: none"> <li>Updated with new class diagram additions.</li> </ul>	0.1.0	CR 07-000285 CR 07-000077 CR 07-000098
Peer Review incorporated 9638 eCom BRG motioned for TSD Development	0.1.1	
For Public Review	0.1.2	Not Applicable
Based on Public Review Updated sample data to be consistent with Boolean indicator. Order Header Indicator Is Application Receipt Acknowledgement Required: <b>FALSE</b> Is Order Free of Excise Tax Duty: <b>FALSE</b>	0.1.3	Not Applicable
eCom BRG eBallot Approved 20070925 BMS Updated to approved	0.1.4	Not Applicable
(8-209) Changed multiplicity from (1..1) TO (0..1) for backward compatibility rules. ConfigureToOrder-→OrderHeaderIndicator	0.2.0	8-209

Change	BSD Version	Associated CR Number
<p><b>BMS Configure to Order 2.5.0</b></p> <p><b>BMS Configure to Order 2.4.0</b></p>		
<p>For BMS Release 2.5.0</p> <ul style="list-style-type: none"> <li>• Prep document for public review on 01-Dec-2008</li> <li>• Remove Code Lists &amp; Add notes to reference Common Library BMS for Code Lists and Common Information.</li> </ul>	0.2.1	Not Applicable
<p>For BMS Release 2.5.0</p> <ul style="list-style-type: none"> <li>• eBallot Approved, Updated BMS to 'Approved' Status</li> <li>• Update version to 'Issue'</li> </ul>	Issue 0.2.1	Not Applicable