



# Business Message Standard (BMS)

## Align Trade Item Authorisation

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Issue 1.0.2, 6-Aug-2013



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4-Jul-2012	0.2.0	Mark Van Eeghem	Major Release 3.X	<ul style="list-style-type: none"> <li>■ See section Summary of Changes</li> </ul>
13-Nov-2015	1.0.1	Eric Kauz	QA	<ul style="list-style-type: none"> <li>■ See section Summary of Changes</li> </ul>
20-Jun-2013	1.0.2	Eric Kauz	Document Clean-up.	<ul style="list-style-type: none"> <li>■</li> </ul>

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# 1. Business Domain View

## 1.1. Problem Statement / Business Need

In order to realise supply chain efficiencies and reduce back office inefficiencies (discrepancies) within the DSD business model, it is necessary to develop a process and transaction(s) that will facilitate the electronic communication of item authorisation (including acceptance and rejection) between trading partners. The current Catalogue Item Notification (CIN) message, as defined in GDSN, facilitates the process of item synchronisation but the acceptance of the notification message (Catalogue Item Confirmation – CIC) is not an acceptance to sell an item within the store. Currently, manual processes link items to stores and distributors and the CIN message does not facilitate this link.

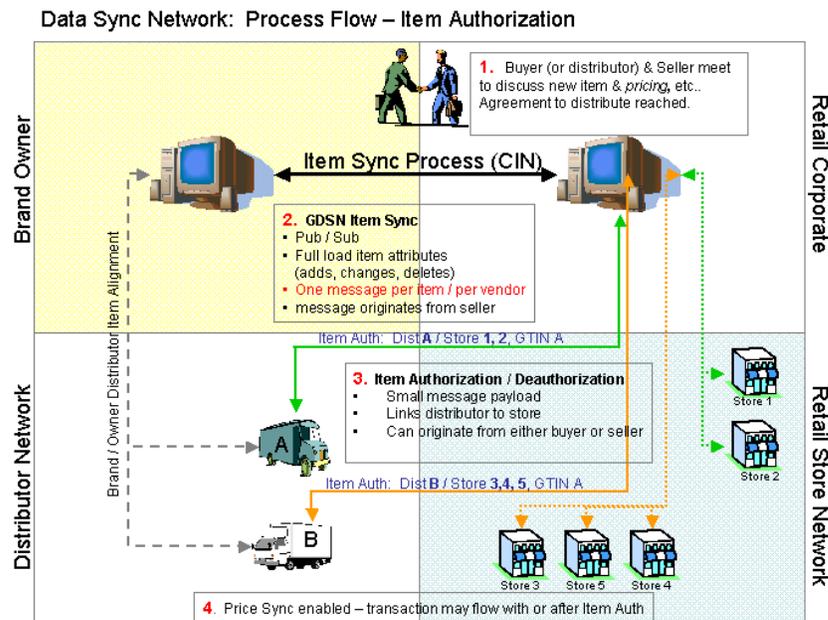
The GCI DSD defines Item Authorisation as:

*The act of granting permission to sell (or deliver) an item at a specific location or groups of locations where the authorisation could be triggered by either trading partner depending on the buying and selling relationship. This process will facilitate the linkage of who can deliver a product to a store and who will be paid for the product.*

This Item Authorisation process can be used either in the GDSN or in a Peer to Peer network. The adoption of this Item Authorisation process is optional. It will identify items the trading partners desire to conduct commerce at any level in a retailer's hierarchy (corporate or store). The “players” that may engage in the Item Authorisation process may be: suppliers and retailers, brand owners, franchise owners and distributors, etc.

An example of how the item authorisation message relates to the item synchronisation message is shown below:

**Figure 1-1** Item Authorisation Message Related to Item Synchronisation Message



## 1.2. Objective

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

- documentation of item authorisation process and choreography
- development of all messages required for item authorisation.

## 1.3. Audience

All manufacturers, retailers, distributors and importers of warehouse or direct store delivery (DSD) distributed items could utilise this Item Authorisation (De-authorisation) Process standard as it allows trading partners to distinguish the traded items among various distribution and sales channels (warehouse, 2-tier or 3-tier) with retailers. The process and the defined messages can be utilised by the identified parties within and outside the GDSN network.

## 1.4. References

Reference Name	Description
{Ref1} BRAD Align Item Authorisation Version 0.0.2	Requirements Documentation for Item Authorisation.

## 1.5. Acknowledgements

The following is a list of individuals (and their companies) who participated in the creation, review and approval of this BMS.

### 1.5.1. SMG Work Group

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Work Group Member	Wiggins Audrey	Wal-Mart Stores, Inc.
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## 1.5.2. Design Team Members

Function	Name	Organisation
Standards Content Lead	Mark Van Eeghem	GS1
Technical Development Lead	Ewa Iwicka	GS1
Peer Review	Eric Kauz	GS1

## 2. Business Context

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

## 3. Additional Technical Requirements Analysis

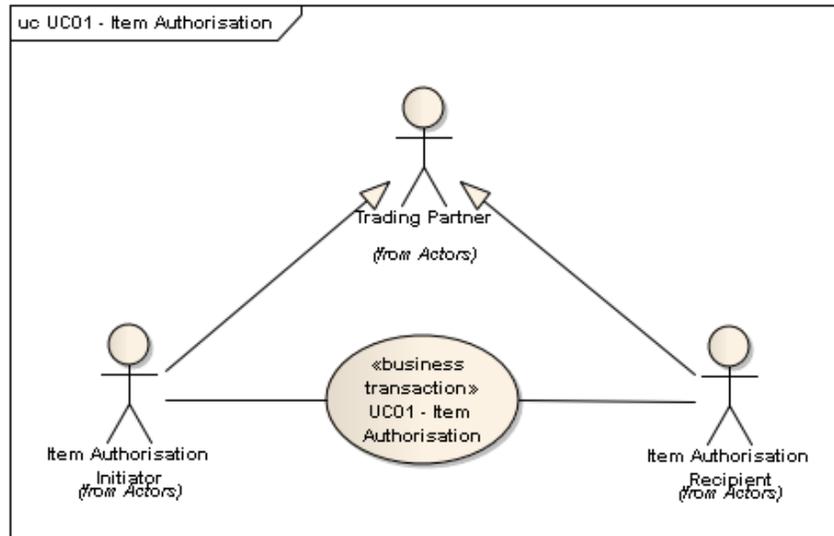
Not applicable.

### 3.1. Technical Requirements

Not Applicable

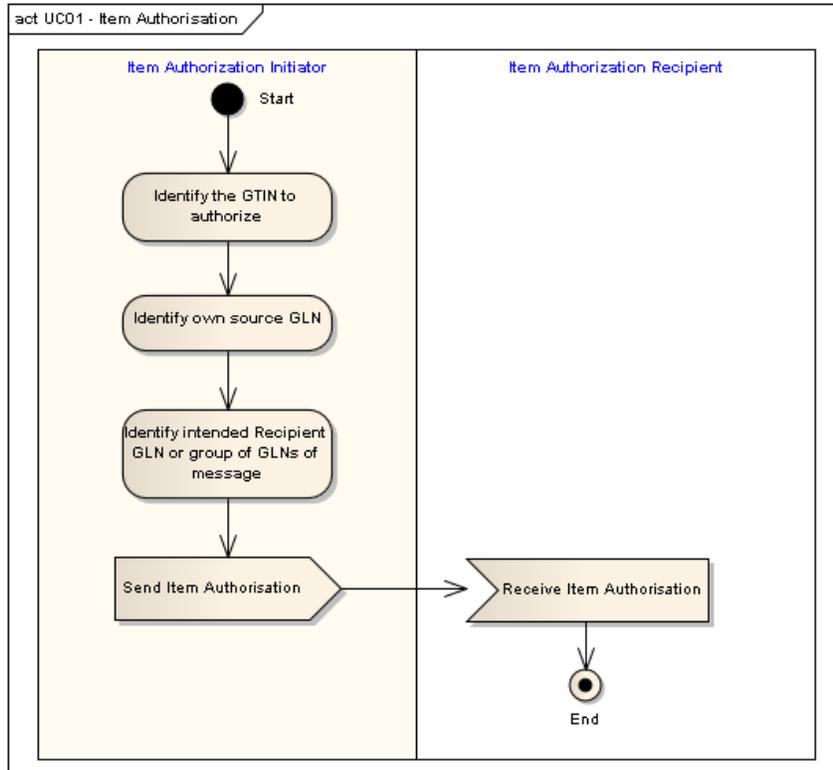
## 4. Business Transaction View

### 4.1. Item Authorisation

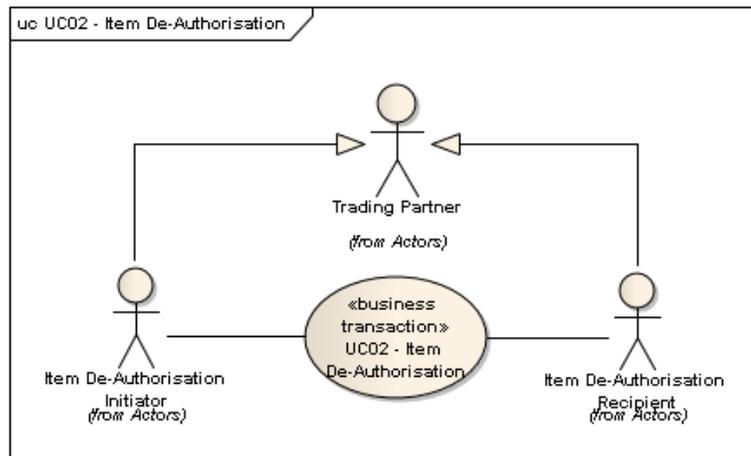


<b>Use Case ID</b>	UC-1
<b>Use Case Name</b>	Item Authorisation
<b>Use Case Description</b>	<p>The act of granting permission to sell (or deliver) one or many items at a specific location or groups of locations, where the authorisation could be triggered by either trading partner depending on the buying and selling relationship. This process will facilitate the linkage of who can deliver a product to a store and who will be paid for the product.</p> <p>This use case supports the following scenarios:</p> <ul style="list-style-type: none"> <li>■ The distributor of a product is changing in one to many stores or a new store is opening and an authorisation of product must occur.</li> <li>■ Trading partner wants to introduce a new item and phase it in to all locations based on a rollout schedule. Product may or may not be in all locations at same point in time. Product is manufactured by one to many suppliers.</li> <li>■ Item is authorised at a store within a store. Payment for product may originate from different buying departments within retail hierarchy. A GLN may or may not be assigned to the “store within a store”.</li> </ul>
<b>Actors (Goal)</b>	IA Initiator (a Trading Partner) IA Recipient (a Trading Partner)
<b>Performance Goals</b>	To grant permission to sell (or deliver) one or many items at a specific location or groups of locations.
<b>Preconditions</b>	<ul style="list-style-type: none"> <li>■ ITEM = NOT AUTHORISED or ITEM = DE-AUTHORISED</li> <li>■ GDSN: Item Data synchronisation and Party Alignment has been performed.</li> <li>■ PEER-TO-PEER: Upfront master data alignment (Trade Item and Party)) has been performed.</li> <li>■ GDSN: Trading partner Catalogue Items and GLNs registered; not necessary for peer-to-peer.</li> </ul>
<b>Post conditions</b>	ITEM = REQUESTED FOR AUTHORISATION

<b>Scenario</b>	<p><u>New Item Introduction</u></p> <p><b>Begins when...</b> the IA Initiator (a Trading Partner) identifies the trade item it intends to authorise.</p> <p><b>Continues with...</b></p> <table border="1" data-bbox="375 323 1442 548"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IA Initiator</td> <td>IA Initiator identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.</td> </tr> <tr> <td>2</td> <td>IA Initiator</td> <td>IA Initiator sends an Item Authorisation message to the IA Recipients.</td> </tr> </tbody> </table> <p><b>Ends when...</b> the IA Recipients receive the Item Authorisation message.</p>	Step #	Actor	Activity Step	1	IA Initiator	IA Initiator identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.	2	IA Initiator	IA Initiator sends an Item Authorisation message to the IA Recipients.
Step #	Actor	Activity Step								
1	IA Initiator	IA Initiator identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.								
2	IA Initiator	IA Initiator sends an Item Authorisation message to the IA Recipients.								
<b>Alternative Scenario</b>	<p><u>Store Openings</u></p> <p><b>Begins when...</b> the IA Initiator (a Trading Partner) identifies the trade items it intends to authorise.</p> <p><b>Continues with...</b></p> <table border="1" data-bbox="375 722 1442 947"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IA Initiator</td> <td>IA Initiator identifies its own source GLN and that of the intended recipient GLN of message.</td> </tr> <tr> <td>2</td> <td>IA Initiator</td> <td>IA Initiator sends an Item Authorisation message to the IA Recipient.</td> </tr> </tbody> </table> <p><b>Ends when...</b> the IA Recipient receives the Item Authorisation message.</p>	Step #	Actor	Activity Step	1	IA Initiator	IA Initiator identifies its own source GLN and that of the intended recipient GLN of message.	2	IA Initiator	IA Initiator sends an Item Authorisation message to the IA Recipient.
Step #	Actor	Activity Step								
1	IA Initiator	IA Initiator identifies its own source GLN and that of the intended recipient GLN of message.								
2	IA Initiator	IA Initiator sends an Item Authorisation message to the IA Recipient.								
<b>Related Requirements</b>	Not Applicable									
<b>Related Rules</b>	<ol style="list-style-type: none"> <li>1. For peer-to-peer: master data alignment (Item and Party) must occur before the Item Authorisation process can be initiated.</li> <li>2. For GDSN: Item Synchronisation and Party Alignment must occur before the Item Authorisation process can be initiated</li> <li>3. The Item Authorisation can be initiated by any trading partner (buyer, seller or third party) involved in the trade of the item.</li> <li>4. Any non GLN identifiers for party e.g. Store Number, DUNS or internal identifier need to be communicated through the Additional Party Identifier (optional).</li> <li>5. Any non GTIN identifiers for items e.g. UPC, EAN-8 need to be communicated through the Additional Item Identifier (optional).</li> <li>6. There is no cross validation between the IA message and the item sync message. There is no impact on the global registry.</li> <li>7. ADD and CHANGE_BY_REFRESH are the only Document Commands that are valid for an Item Authorisation/Deauthorisation.</li> <li>8. The Item (De-) Authorisation must to be confirmed with a Catalogue Item Authorisation Response.</li> <li>9. An item authorization message authorises/de-authorises all items in the message and all items bellow it in the item hierarchy.</li> </ol>									

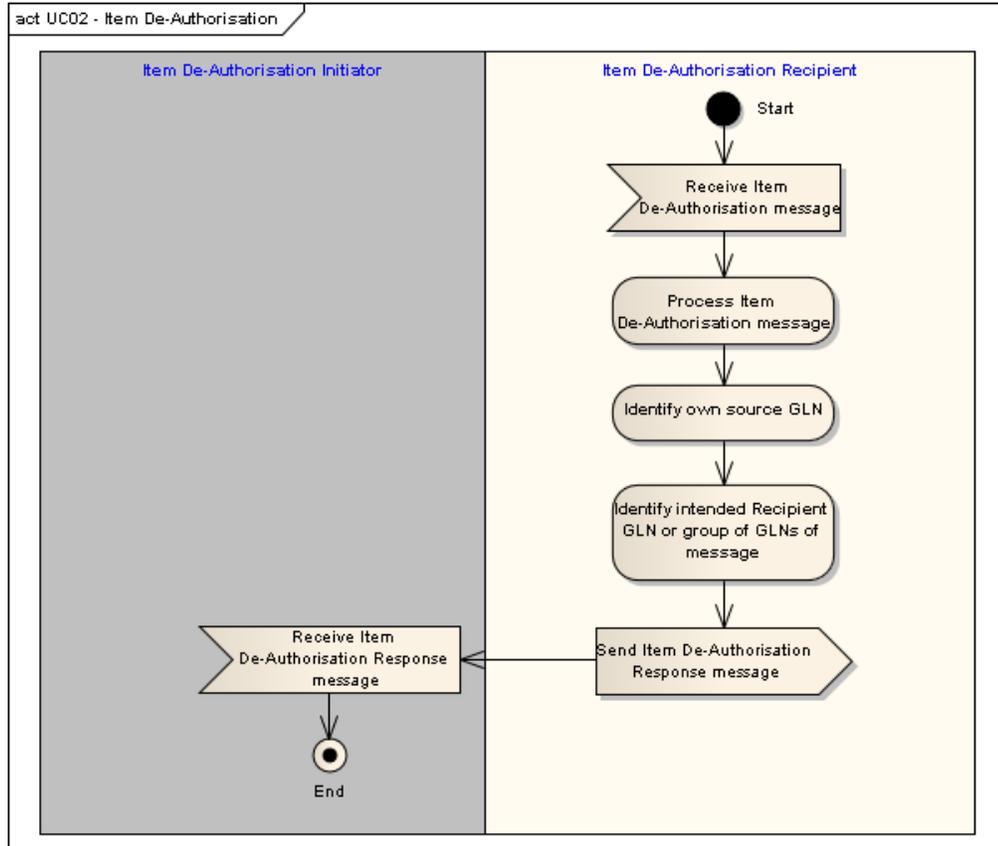


## 4.2. Item De-Authorisation

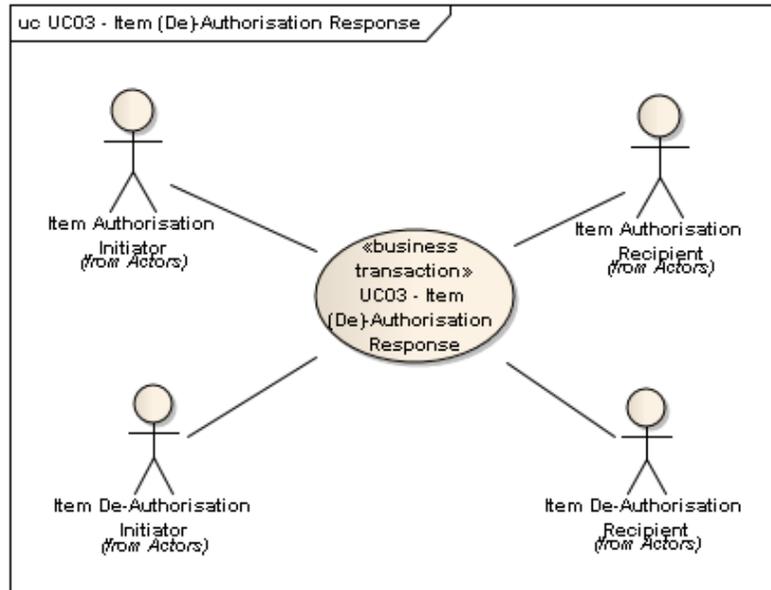


<b>Use Case ID</b>	UC-2
<b>Use Case Name</b>	Item De-authorisation
<b>Use Case Description</b>	The act of removing from a GLN the permission to sell (or deliver) one or many items at a specific location or groups of locations, where the item de-authorisation could be triggered by either trading partner depending on the buying and selling relationship. This process will facilitate the unlinking of who can deliver a product to a store or who will be paid for the product.
<b>Actors (Goal)</b>	IDA Initiator (a Trading Partner) IDA Recipient (an IA Initiator or IA Recipient)

<b>Performance Goals</b>	<ul style="list-style-type: none"> <li>■ A manufacturer or distributor has items authorised in some or all stores, but wants to de-authorise the products in some or all stores.</li> <li>■ A retailer de-authorises a private label item a supplier manufactures and distributes to a retailer on a store-by-store basis. This can change based on pricing or service levels on a weekly or monthly basis. Multiple manufacturers may distribute the same Trade Item within a retailer's hierarchy.</li> </ul>									
<b>Preconditions</b>	Item Authorisation has occurred, i.e. ITEM = AUTHORISED									
<b>Post conditions</b>	ITEM = REQUESTED FOR DE-AUTHORISATION									
<b>Scenario</b>	<p>Deauthorisation of Many Items at One Business Location</p> <p><b>Begins when...</b> an IDA Initiator or IDA Recipient identifies the trade items it intends to de-authorise..</p> <p><b>Continues with...</b></p> <table border="1" data-bbox="375 600 1442 846"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IDA Initiator or IDA Recipient(IDA Initiator)</td> <td>IDA Initiator or IDA Recipient identifies its own source GLN and that of the intended recipient GLN.</td> </tr> <tr> <td>2</td> <td>IDA Initiator or IDA Recipient(IDA Initiator)</td> <td>IDA Initiator or IDA Recipient sends an Item De-authorisation message to the IDA Recipient.</td> </tr> </tbody> </table> <p><b>Ends when...</b> the IDA Recipient receives the Item De-authorisation message.</p>	Step #	Actor	Activity Step	1	IDA Initiator or IDA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient identifies its own source GLN and that of the intended recipient GLN.	2	IDA Initiator or IDA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient sends an Item De-authorisation message to the IDA Recipient.
Step #	Actor	Activity Step								
1	IDA Initiator or IDA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient identifies its own source GLN and that of the intended recipient GLN.								
2	IDA Initiator or IDA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient sends an Item De-authorisation message to the IDA Recipient.								
<b>Alternative Scenario</b>	<p>Deauthorisation of One Item at Many Business Locations</p> <p><b>Begins when...</b> an IDA Initiator or IDA Recipient identifies the trade item it intends to de-authorise.</p> <p><b>Continues with...</b></p> <table border="1" data-bbox="375 1020 1442 1266"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IDA Initiator or IA Recipient(IDA Initiator)</td> <td>IDA Initiator or IDA Recipient identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.</td> </tr> <tr> <td>2</td> <td>IDA Initiator or IA Recipient(IDA Initiator)</td> <td>IDA Initiator or IDA Recipient sends an Item De-authorisation message to the IDA Recipients.</td> </tr> </tbody> </table> <p><b>Ends when...</b> the IDA Recipients receive the Item De-authorisation message.</p>	Step #	Actor	Activity Step	1	IDA Initiator or IA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.	2	IDA Initiator or IA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient sends an Item De-authorisation message to the IDA Recipients.
Step #	Actor	Activity Step								
1	IDA Initiator or IA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.								
2	IDA Initiator or IA Recipient(IDA Initiator)	IDA Initiator or IDA Recipient sends an Item De-authorisation message to the IDA Recipients.								
<b>Related Requirements</b>	Not Applicable									
<b>Related Rules</b>	<ol style="list-style-type: none"> <li>1. De-authorisations are limited to the initiator or recipient of the Item Authorisation</li> <li>2. Any non GLN identifiers for party e.g. Store Number, DUNS or internal identifier need to be communicated through the Additional Party Identifier (optional).</li> <li>3. Any non GTIN identifiers for items e.g. UPC, EAN-8 need to be communicated through the Additional Item Identifier (optional).</li> <li>4. ADD and CHANGE_BY_REFRESH are the only Document Commands that are valid for an Item Authorisation/Deauthorisation.</li> <li>5. The Item (De-) Authorisation must to be confirmed with a Catalogue Item Authorisation Response.</li> <li>6. There is no cross validation between the IA message and the item sync message. There is no impact on the global registry.</li> <li>7. An item authorization message authorises/de-authorises all items in the message and all items below it in the item hierarchy.</li> </ol>									

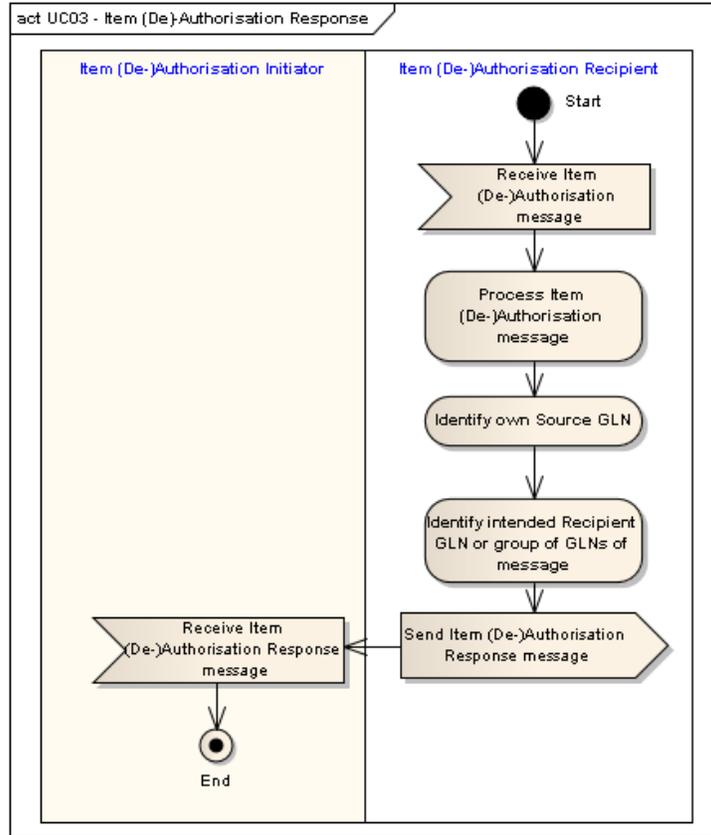


### 4.3. Item Authorisation or De-Authorisation Response



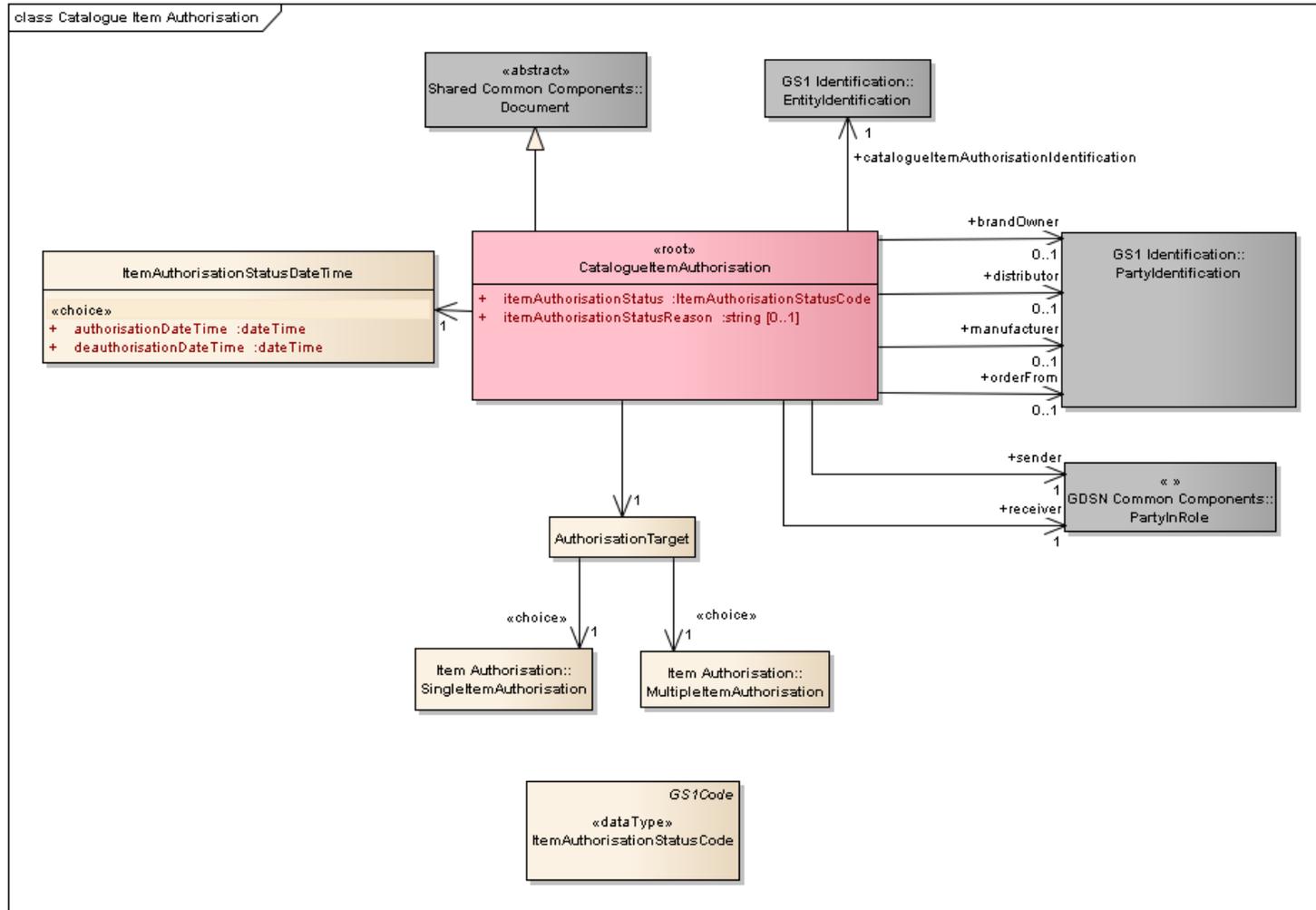
<b>Use Case ID</b>	UC-3
<b>Use Case Name</b>	Item (De-) Authorisation Response

<b>Use Case Description</b>	The act of accepting or rejecting either an item authorisation or de-authorisation by the message recipient.												
<b>Actors (Goal)</b>	<ul style="list-style-type: none"> <li>■ IA Recipient (i.e. a Trading Partner)</li> <li>■ IDA Recipient (i.e. an IA Initiator or an IA Recipient)</li> <li>■ IA Initiator (i.e. a Trading Partner)</li> <li>■ IDA Initiator (i.e. an IA Initiator or an IA Recipient)</li> </ul>												
<b>Performance Goals</b>	To accept or reject Item Authorisation or De-Authorisation.												
<b>Preconditions</b>	<ul style="list-style-type: none"> <li>■ Item Authorisation or Item De-authorisation message has been received, (i.e. ITEM = REQUESTED FOR AUTHORISATION or ITEM = REQUESTED FOR DE-AUTHORISATION).</li> <li>■ GDSN: Item Data synchronisation and Party Alignment is required.</li> <li>■ PEER-TO-PEER: Upfront master data alignment (Trade Item and Party)) is required.</li> <li>■ GDSN: Trading partner Catalogue Items and GLNs registered; not necessary for peer-to-peer.</li> </ul>												
<b>Post conditions</b>	For Authorisation: ITEM = AUTHORISED For De-Authorisation: ITEM = DE-AUTHORISED												
<b>Scenario</b>	<p><b>Begins when...</b> the IA Recipient or IDA Recipient processes an Item (De-) Authorisation message within their internal systems.</p> <p><b>Continues with...</b></p> <table border="1" data-bbox="373 865 1442 1234"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>I(D)A Recipient</td> <td>I(D)A Recipient identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.</td> </tr> <tr> <td>2</td> <td>I(D)A Recipient</td> <td>I(D)A Recipient accepts or rejects the item authorisation/deauthorisation on the buyer-seller-(distributor)-item level.</td> </tr> <tr> <td>3</td> <td>I(D)A Recipient</td> <td>I(D)A Recipient sends an Item (De-) Authorisation Response message to the I(D)A Initiator.</td> </tr> </tbody> </table> <p><b>Ends when...</b> the I(D)A Initiator receives the Item (De-) Authorisation Response message.</p>	Step #	Actor	Activity Step	1	I(D)A Recipient	I(D)A Recipient identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.	2	I(D)A Recipient	I(D)A Recipient accepts or rejects the item authorisation/deauthorisation on the buyer-seller-(distributor)-item level.	3	I(D)A Recipient	I(D)A Recipient sends an Item (De-) Authorisation Response message to the I(D)A Initiator.
Step #	Actor	Activity Step											
1	I(D)A Recipient	I(D)A Recipient identifies its own source GLN and that of the intended recipient GLN or group of GLNs of message.											
2	I(D)A Recipient	I(D)A Recipient accepts or rejects the item authorisation/deauthorisation on the buyer-seller-(distributor)-item level.											
3	I(D)A Recipient	I(D)A Recipient sends an Item (De-) Authorisation Response message to the I(D)A Initiator.											
<b>Alternative Scenario</b>	Not Applicable												
<b>Related Requirements</b>	Not Applicable												
<b>Related Rules</b>	<ol style="list-style-type: none"> <li>1. If the Distributor is not present on the Item Authorisation Message, it becomes mandatory on the IA Response.</li> <li>2. Only the statuses of Accepted and Rejected can be sent in the Catalogue Item Authorisation Response.</li> <li>3. The Item (De-) Authorisation must to be confirmed with a Catalogue Item Authorisation Response.</li> <li>4. Any non GLN identifiers for party e.g. Store Number, DUNS or internal identifier need to be communicated through the Additional Party Identifier (optional).</li> <li>5. Any non GTIN identifiers for items e.g. UPC, EAN-8 need to be communicated through the Additional Item Identifier (optional).</li> <li>6. A recipient must respond to every Item on an Item Authorisation or Item De-Authorisation..</li> <li>7. The absence of a response does not mean that the authorization/de-authorisation has been accepted by the recipient.</li> <li>8. Response messages must be in the same format as the originating authorisation or deauthorisation.</li> </ol>												

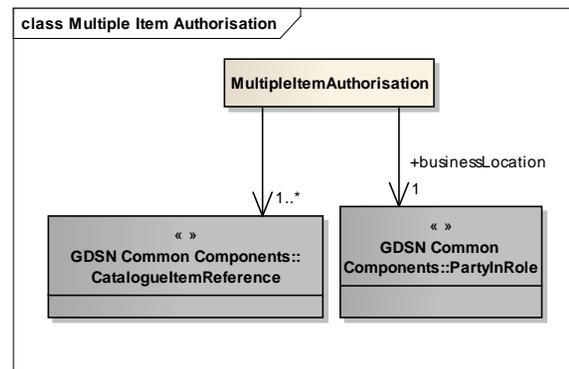
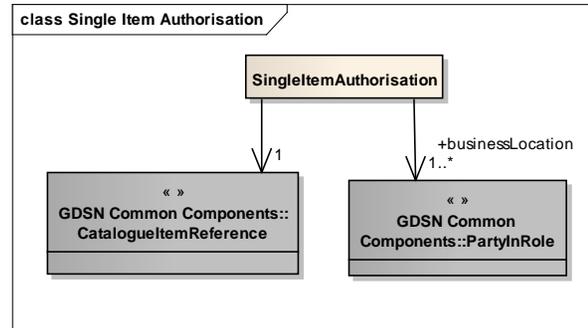
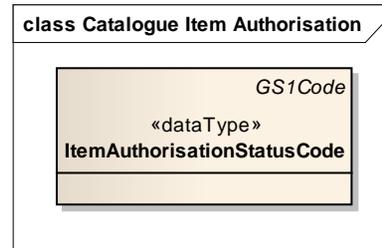


## 5. Information Model (Including GDD Report)

### 5.1. Catalogue Item Authorisation



**Note:** Reference Shared Common Library Business Message (BMS) Release 3.1.0 or in the GDSN Common Library (PartyInRole)

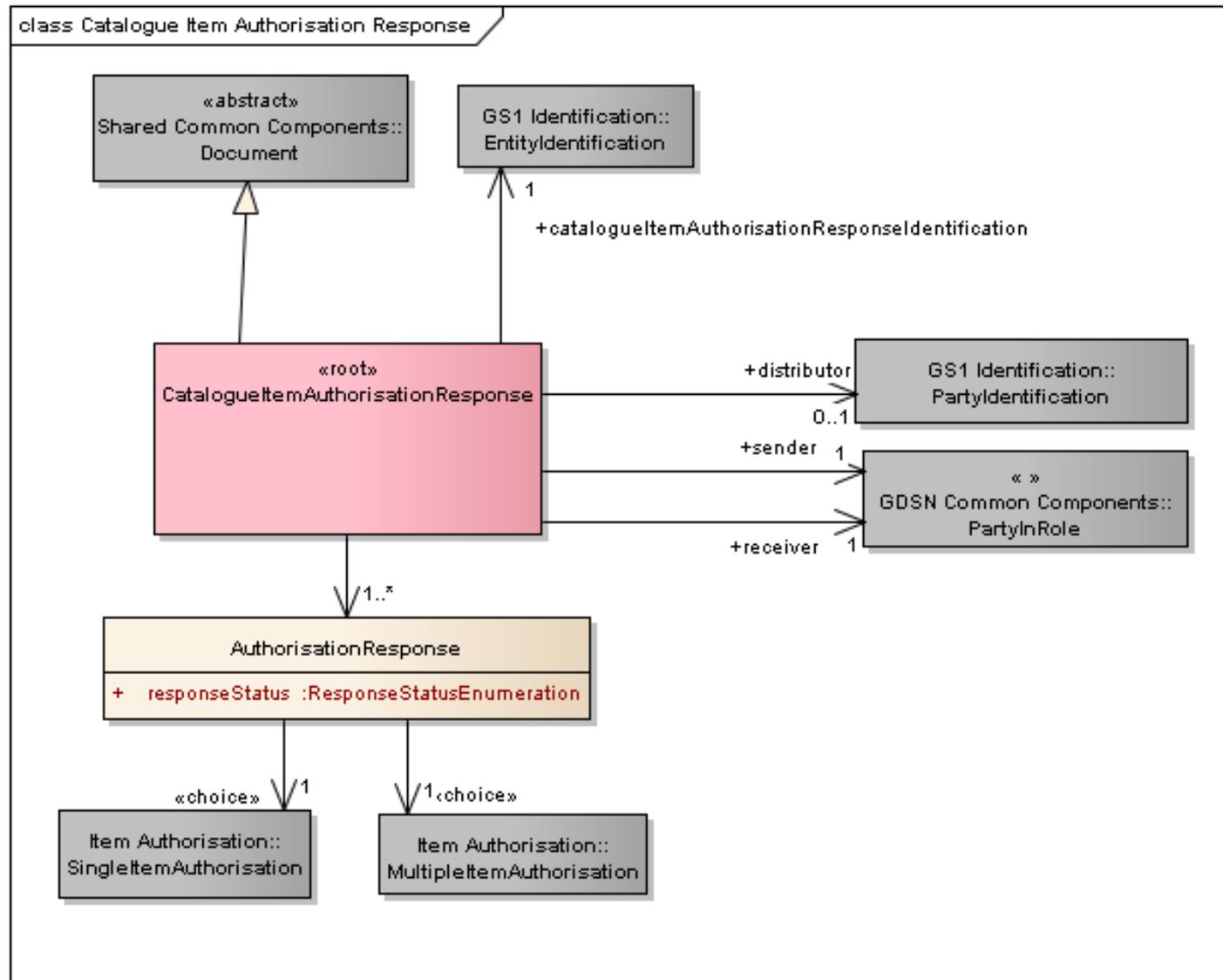


Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition
<b>MultipleItemAuthorisation</b>				The authorisation of a multiple items at single business location.
Association	businessLocation	PartyInRole	1..1	Unique location number identifying the business to which the item will be authorised for sale. Examples of Business Locations include

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition
				stores and distribution centers.
Association		CatalogueItemReference	1..*	A Catalogue Item Reference for an item authorisation.
<b>SingleItemAuthorisation</b>				The authorisation of a single item at multiple business locations.
Association		CatalogueItemReference	1..1	A Catalogue Item Reference for an item authorisation.
Association	businessLocation	PartyInRole	1..*	Unique location number identifying the business to which the item will be authorised for sale. Examples of Business Locations include stores and distribution centers.
<b>AuthorisationTarget</b>				The trade items being authorised or deauthorised at one or many business locations.
Association		SingleItemAuthorisation	1..1	The authorisation for a single item.
Association		MultipleItemAuthorisation	1..1	The authorisation for multiple items.
<b>CatalogueItemAuthorisation</b>				A document used to authorise or deauthorise an item for sale to one or many business locations.
Generalization		Document		A document structure for a Catalogue Item Authorisation.
Association	catalogueItemAuthorisationIdentification	EntityIdentification	1..1	Unique message identifier for the Catalogue Item Authorisation
Association	brandOwner	PartyIdentification	0..1	Unique location number identifying the brand owner. May or may not be the same entity as the provider, which enters and maintains data in data pools.
Association	distributor	PartyIdentification	0..1	An entity which purchases and takes title to goods which are then redistributed elsewhere.
Association	orderFrom	PartyIdentification	0..1	The location that the item can be ordered from.
Association	manufacturer	PartyIdentification	0..1	The party who manufactures the item.
Association	sender	PartyInRole	1..1	Party who sends the item authorisation message.

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition
Association		ItemAuthorisationStatusDateTime	1..1	Status dates and times for an item authorisation,
Association		AuthorisationTarget	1..1	The targeted entity being authorised.
Association	receiver	PartyInRole	1..1	Party who receives the item authorisation message.
Attribute	itemAuthorisationStatus	ItemAuthorisationStatusCode	1..1	Code identifying the authorisation status within a specific location. Item Authorisation Statuses are Authorise and Deauthorise.
Attribute	itemAuthorisationStatusReason	string	0..1	Additional details associated with the item authorisation status.
<b>ItemAuthorisationStatusDateTime</b>				Status dates and times for an item authorisation,
Attribute	authorisationDateTime	dateTime	1..1	First day on which the item will be authorised for sale to a location.
Attribute	deauthorisationDateTime	dateTime	1..1	Last date on which the item will be authorised for sale to a location.

## 5.2. Catalogue Item Authorisation Response



Content	Attribute / Role	Datatype /Secondary class	Multiplcity	Definition
<b>AuthorisationResponse</b>				A response message for an item authorisation.
Association		MultipleItemAuthorisation	1..1	The authorisation of multiple items.
Association		SingleItemAuthorisation	1..1	The authorisation of single items.
Attribute	responseStatus	ResponseStatusEnumeration	1..1	The 3 states are: Accepted, Modified, Rejected.
<b>CatalogueItemAuthorisationResponse</b>				Response Document used to Accept or Reject a Catalogue Item Authorisation.
Association	catalogueItemAuthorisationResponseIdentification	EntityIdentification	1..1	The identifier for a Catalogue Item Authorisation Response.
Generalization		Document		A document class for an Item Authorisation Response.
Association	distributor	PartyIdentification	0..1	An entity which purchases and takes title to goods which are then resold/redistributed elsewhere.
Association	sender	PartyInRole	1..1	Party who sends the item authorisation message.
Association	receiver	PartyInRole	1..1	Party who receives the item authorisation message.
Association		AuthorisationResponse	1..*	An acceptance or rejection of a Catalogue Item Authorisation at the business location level.

## 6. Code Lists

### 6.1. ItemAuthorisationStatusCode

<b>GS1 Code List</b>	ItemAuthorisationStatusCode
<b>GS1 Code List Version</b>	R1
<b>Managing Agency</b>	GS1
<b>Based on Code List</b>	n/a
<b>Type Of Management</b>	n/a

Code List Name	Code List Description
AUTHORISE	Item is authorised for sale to a location.
DEAUTHORISE	Item is de-authorised for sale to a location.

## 7. Business Document Example

### 7.1. Catalogue Item Authorisation

Single GTIN Multiple GLNs:

Attribute	Value
<b>CatalogueItemAuthorisation</b>	
<b>Document</b>	
creationDateTime	2011-03-11 11:00
documentStatus	ORIGINAL
catalogueItemAuthorisationIdentification	
<b>EntityIdentification</b>	
- entityIdentification	20051101
<b>PartyIdentification (contentOwner)</b>	
- gln	8712345678913
itemAuthorisationStatus	AUTHORISE
authorisationDateTime	2004-01-10T12:00:01.000
sender	
partyRole	SELLER
Party Identification	0012345000359
brandOwner	
distributor	0012345000555
manufacturer	0012345000111

Attribute	Value
orderFrom	0012345000222
receiver	
partyRole	BUYER
Party Identification	0012345005459
CatalogueItemReference	
gTIN	14141414141414
dataSource	11111111111111
targetMarketCountryCode	US
businessLocation	
partyRole	WAREHOUSE_AND_OR_DEPOT
Party Identification	0013345000333
businessLocation	
partyRole	WAREHOUSE_AND_OR_DEPOT
Party Identification	0012345000339

## Single GLN, Multiple GTINs:

Attribute	Value
<b>CatalogueItemAuthorisation</b>	
<b>Document</b>	
creationDateTime	2011-03-11 11:00
documentStatus	ORIGINAL
catalogueItemAuthorisationIdentification	
<b>EntityIdentification</b>	
- entityIdentification	20051101
<b>PartyIdentification (contentOwner)</b>	
- gln	8712345678914
itemAuthorisationStatus	AUTHORISE
authorisationDateTime	2004-01-10T12:00:01.000
sender	
partyRole	SELLER
Party Identification	0012345000359
distributor	0012345000555
manufacturer	0012345000111
orderFrom	0012345000222
receiver	
partyRole	BUYER
Party Identification	0012345005459

Attribute	Value
businessLocation	
partyRole	WAREHOUSE_AND_OR_DEPOT
Party Identification	0013345000333
CatalogueItemReference	
gTIN	14141414343434
dataSource	11111111111111
targetMarketCountryCode	US
CatalogueItemReference	
gTIN	14141414141414
dataSource	11111111111111
targetMarketCountryCode	US

## 7.2. Catalogue Item Authorisation Response

Single GTIN Multiple GLNs:

Attribute	Value
<b>CatalogueItemAuthorisationResponse</b>	
Document	
creationDateTime	2011-03-11 11:00
documentStatus	ORIGINAL
sender	
partyRole	BUYER
Party Identification	0012345005459
distributor	0012345000555
receiver	
partyRole	SELLER
Party Identification	0012345000359
businessLocationResponse	
PartyIdentification	0012345000339
partyRole	STORE
responseStatus	ACCEPTED
CatalogueItemReference	
gTIN	14141414141414
dataSource	11111111111111
targetMarketCountryCode	US
businessLocation	
PartyIdentification	WAREHOUSE_AND_OR_DEPOT
partyRole	0013345000333



Attribute	Value
businessLocation	
PartyIdentification	WAREHOUSE_AND_OR_DEPOT
partyRole	0012345000339

## Single GLN, Multiple GTINs:

Attribute	Value
<b>CatalogueItemAuthorisationResponse</b>	
Document	
creationDateTime	2011-03-11 11:00
documentStatus	ORIGINAL
sender	
partyRole	BUYER
Party Identification	0012345005459
distributor	0012345000555
receiver	
partyRole	SELLER
Party Identification	0012345000359
businessLocationResponse	
PartyIdentification	0012345000339
partyRole	STORE
responseStatus	ACCEPTED
businessLocation	
PartyIdentification	WAREHOUSE_AND_OR_DEPOT
partyRole	0013345000333
CatalogueItemReference	
gTIN	14141414343434
dataSource	11111111111111
targetMarketCountryCode	US
CatalogueItemReference	
gTIN	14141414141414
dataSource	11111111111111
targetMarketCountryCode	US

## 8. Implementation Considerations

### 8.1. Use of Catalogue Item Authorisation for Store Openings and New Item Introductions

The Catalogue Item Authorisation Message supports both the store opening and new item introduction scenarios by allowing the sending of either many trade items to a single business location or one trade item to a multiple locations. In the message, these two scenarios are implemented as a choice. In the case of a store opening, it is recommended to use the “MultipleItemAuthorisation” construct. For the new item scenario, it is recommended to use the “SingleItemAuthorisation” construct (see class diagram). Note: the structure by design does not support multiple items to multiple business locations.

### 8.2. Use of Catalogue Item Authorisation Response for Store Openings and New Item Introductions

As a rule, the Catalogue Item Authorisation Response should resemble the structure of the originating Catalogue Item Authorisation. For example, if a Catalogue Item Authorisation was sent for one trade item to multiple business locations, the response should only contain one trade item. If a Catalogue Item Authorisation was sent for many trade items to a single business location, the response should only contain one business location. The Catalogue Item Authorisation Response supports both scenarios through the AuthorisationResponse class.

### 8.3. Reference between Catalogue Item Authorisation Response and the Catalogue Item Authorisation

During requirements gathering, it was decided that Item Authorisations are performed for individual items and there is no blanket acceptance or rejection of an entire Item Authorisation message. Because of this decision, there is no reference to the message identification of the originating Catalogue Item Authorisation in the Catalogue Item Authorisation Response.

## 9. Appendices

Not Applicable

## 10. Summary of Changes

Change	BSD Version	Associated CR Number
Initial creation		
In Document Properties, updated date to current date, Release to 2.8, upgraded 2nd digit in issue, changed status to Issue from Draft. Eliminated Year on Copyright statement in footer. Added section to Document History (Document Upgrade for 2.8 Release)	0.1.0	n/a
Updated to new format BMS Updated all Use Case Diagrams, Activity diagrams and Sequence diagrams. Added GDD Reports and Class Diagrams Updated Test example	0.2.0	n/a
Added ItemAuthorisationStatusCode CatalogueItemAuthorisation message. Updated Sample Data	1.0.1	
Document Clean-up.	1.0.2	