100. GET ITEM - REVISION 001

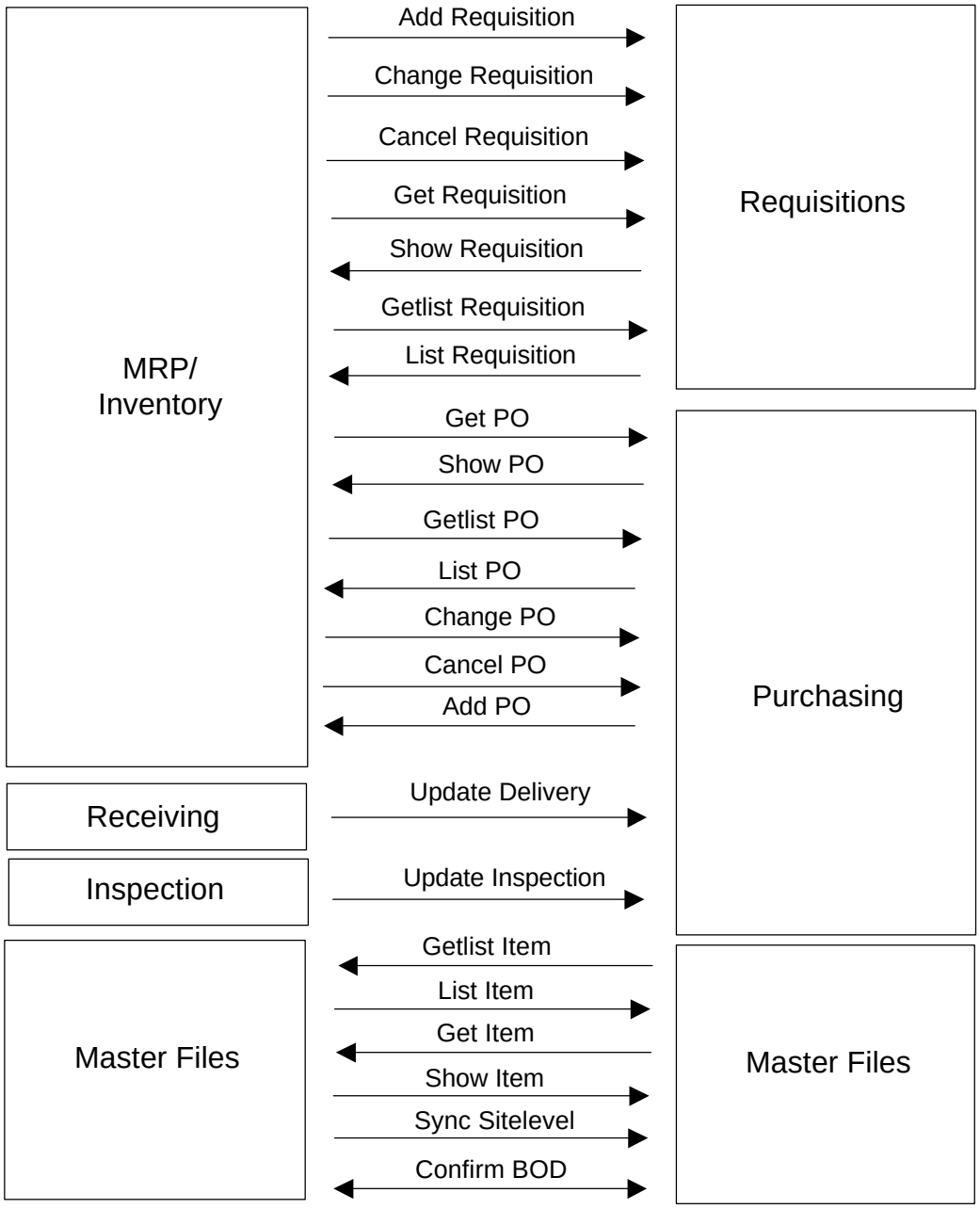
100.0 Overview

This chapter describes the Business Service Request named GET ITEM, the Verb being GET and the Noun being ITEM. The environment for this BSR can be within the enterprise or outside the enterprise.

The purpose of the GET ITEM Business Service Request is to enable a business application module to request information concerning a specific ITEM from another business application. The reply to this BSR is the SHOW ITEM.

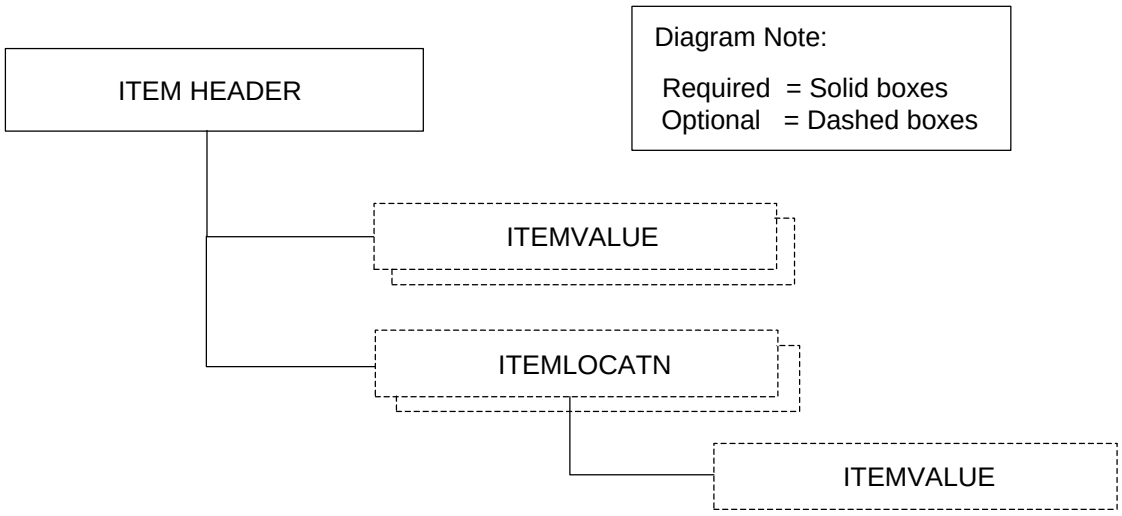
There are many possible business applications in several environments that may use this capability. For example, an MRP, Inventory, or Manufacturing business application could use this to request item information.

This BSR does not usually cause updates to occur. The picture below visualizes a possible use of this BSR.


MRP/
Inventory
Receiving
Inspection
Master Files
Add Requisition
Change Requisition
Cancel Requisition
Get Requisition
Show Requisition
Getlist Requisition
List Requisition
Requisitions
Get PO
Show PO
Getlist PO
List PO
Change PO
Cancel PO
Add PO
Purchasing
Update Delivery
Update Inspection
Getlist Item
List Item
Get Item
Show Item
Sync Sitelevel
Confirm BOD
Master Files

100.1 Get ITEM

The GET ITEM Business Object Document and consists of the following components:



The Business Service Request GET ITEM uses the following Data Types:

1. **ITEMHEADER** - Information that generally describes the Item and its attributes. This Data Type is required.
2. **ITEMLOCATN** - Information that describes the location(s) the Item may be kept and the attributes of that location in relation to the Item. This Data Type is optional.
3. **ITEMVALUE** - Attributes of cost or value for the Item. This Data Type is optional.

Processing Notes:

For any Data Type except the ITEMHEADER, if the Data Type is included in this GET, it will be empty of Field Identifiers. This will signify to the responding application that all of the data that corresponds to that Data Type is to be included in the response.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers.

100.2 ITEMHEADER

The Data Type, "**ITEMHEADER**", is the first Data Type the Business Service Request "**GET ITEM**" uses. For each item represented in the Business Data Area, there must be one occurrence of the ITEMHEADER Data Type at the beginning of each Business Data Area.

Listed are all the Field Identifiers and Segments that are valid for use within the ITEMHEADER Data Type. The first column of the table indicates the name. Segment names also include the Qualifier in parenthesis.

The second column indicates in which OAGIS Appendix the data is described, basically if the data is a Field Identifier or a Segment. Details of the Field Identifiers can be located in Appendix C, and details of the Segments can be located in Appendix D.

The first table represents required data.

REQUIRED ITEMHEADER DATA	
NAME	**APPENDIX**
ITEM	C

Processing Note:

The ITEM Field Identifier is used as a selection field.

The second table describes data that is optional. These fields are present as an example of what may be returned in the SHOW ITEM response.

OPTIONAL ITEMHEADER DATA	
NAME	**APPENDIX**
BOMID	C
BOMREVISON	C
COMMODITY1 - COMMODITY3	C
CONTRACTB	C
CONTRACTS	C
DATETIME(CREATION)	D
DESCRIPTN	C
DRAWING	C
GLENTITYS	C
GLNOMACCT	C
HAZRDMATL	C

OPTIONAL ITEMHEADER DATA	
NAME	**APPENDIX**
ITEMCLASS	C
ITEMDEFN	C
ITEMDESC	C
ITEMRV	C
ITEMSTATUS	C
ITEMTYPE	C
LOTLEVEL1 - LOTLEVEL2	C
LOTSNFLAG	C
NOTES	C
PARTNRID	C
PRODCTLINE	C
PROPERTY1 - PROPERTY99	C
QUANTITY(AVGRUNSIZE)	D
QUANTITY(LOTSIZEMAX)	D
QUANTITY(LOTSIZEMIN)	D
QUANTITY(LOTSIZEMLT)	D
QUANTITY(SHELFLIFE)	D
UOM	C
UPC	C
USERAREA	C
WARRANTY	C

Processing Note:

The BOMID and BOMREVISON are used to define the default Bill of Material the ITEM resides on, if applicable.

Although the PROPERTY1 - PROPERTY99 Field Identifiers may hold any attributes of the ITEM, in this case it is intended that PROPERTY1 - PROPERTY99 may be also used to store the identifier of the variant, slash, or dash number.

100.3 ITEMLOCATN

The Data Type "**ITEMLOCATN**" represents the information about the Item at each location where it occurs. The use of this Data Type is optional.

Listed are all the Field Identifiers and Segments that are valid for use within the ITEMLOCATN Data Type. These fields are present as an example of what may be returned in the SHOW ITEM response. No Field Identifiers can be used to request information.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. There are no required fields for the ITEMLOCATN Data Type.

OPTIONAL ITEMLOCATN DATA	
NAME	**APPENDIX**
BOMID	C
BOMREVISON	C
DRAWING	C
HAZRDMATL	C
ITEM	C
LOTLEVEL1 - LOTLEVEL2	C
NOTES	C
PACKING	C
PROPERTY1 - PROPERTY99	C
QUANTITY(LOTSIZEMAX)	D
QUANTITY(LOTSIZEMIN)	D
QUANTITY(LOTSIZEMLT)	D
SERIALNUM	C
SITELEVEL1 - SITELEVEL9	C
UOM	C
UPC	C
USERAREA	C

Processing Note:

The BOMID and BOMREVISON are used to define the default Bill of Material the ITEM resides on, if applicable.

100.4 ITEMVALUE

The Data Type "**ITEMVALUE**" represents the monetary valuation information concerning an item. The use of the ITEMVALUE Data Type is optional.

Listed are all the Field Identifiers and Segments that are valid for use within the ITEMVALUE Data Type. This Data Type is only used to identify that the requested information concerning the ITEM is needed. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier, zero occurrences, and no Field Identifiers. The Field Identifiers within each Data Type are only included in this chapter to clarify what can be expected to be returned.

There are no required fields for the ITEMVALUE Data Type.

OPTIONAL ITEMVALUE DATA	
NAME	**APPENDIX**
DATETIME(EFFECTIVE)	D
COSTTYPE	C
DATETIME(EXPIRATION)	D
DESCRIPTN	C
GLENTITYS	C
GLNOMACCT	C
NOTES	C
OPERAMT(UNIT)(F)	D
OPERAMT(UNIT)(T)	D
USERAREA	C
VALUECLASS	C

Processing Notes:

The OPERAMT(UNIT)(F) represents the ITEM cost.

The OPERAMT(UNIT)(T) represents the ITEM price.