

# 101. SHOW ITEM - REVISION 001

---

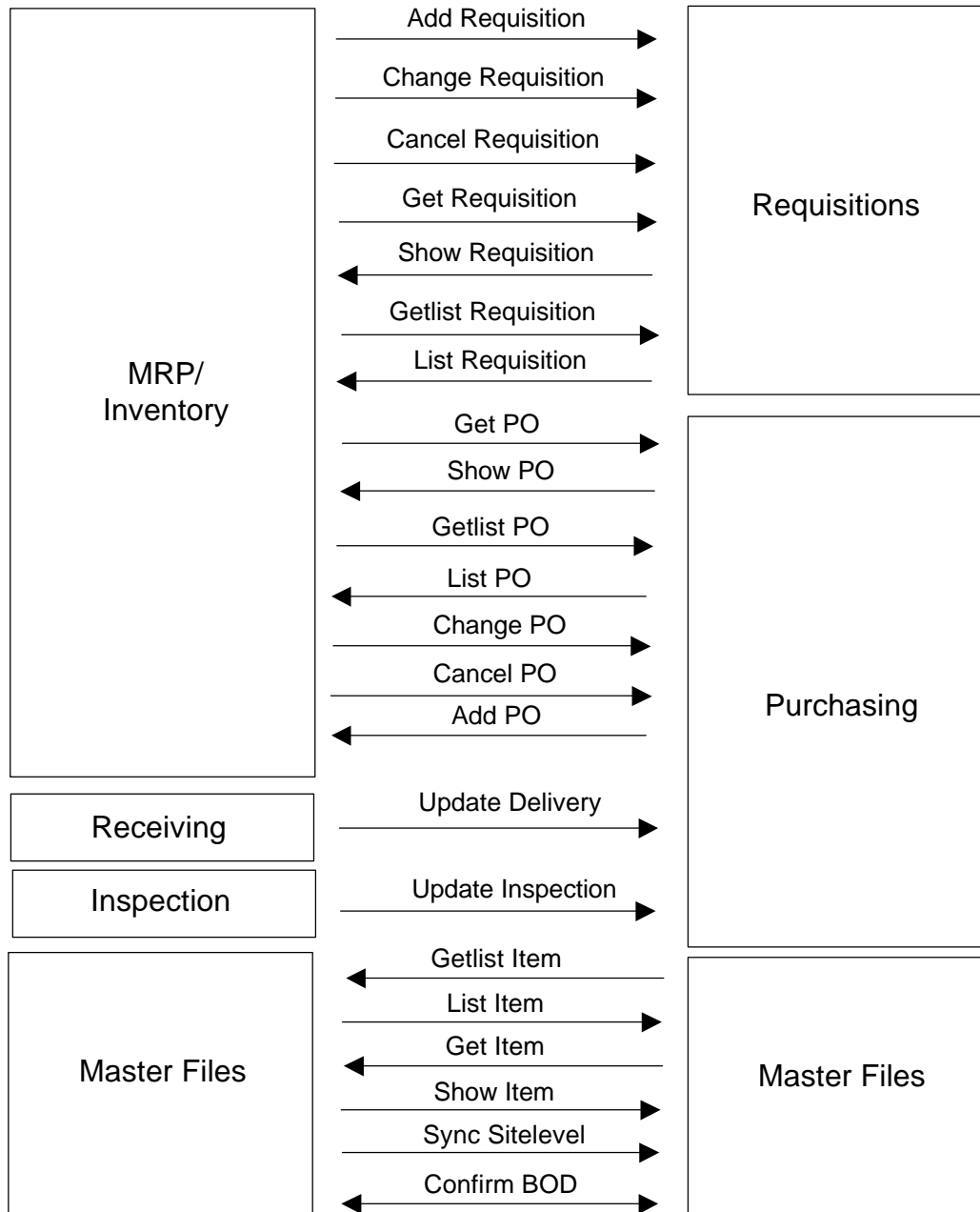
## 101.0 Overview

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

The purpose of the SHOW ITEM Business Service Request is to supply ITEM Information to another business application module. This request may be used as a response to a GET ITEM request or as the result of some other business event. This BSR does not usually cause updates to occur.

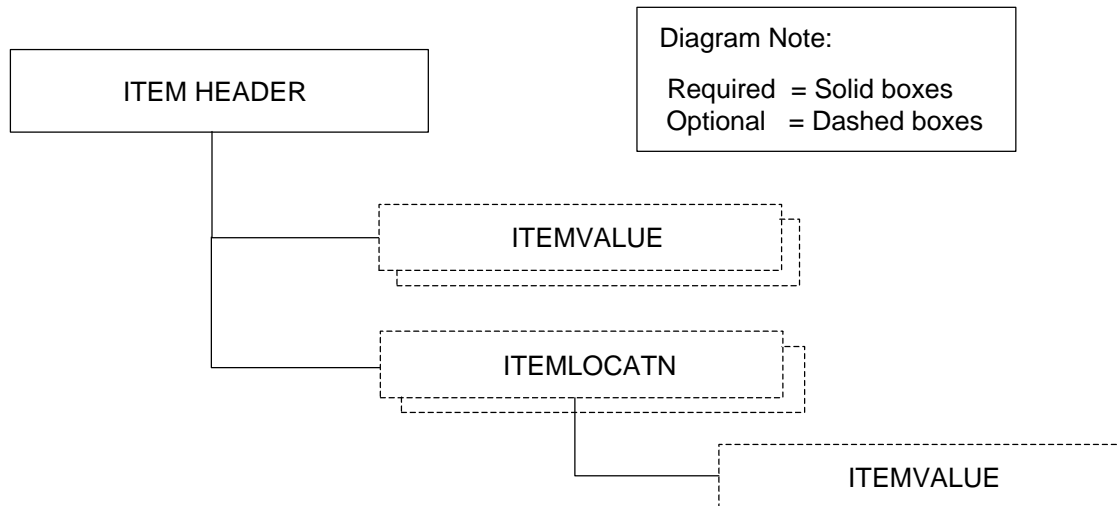
There are many possible business applications in several environments that may use this capability. For example, an MRP, Inventory, or Manufacturing business application could use this to request item information.

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



## 101.1 Show ITEM

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



The Business Service Request SHOW 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.

## 101.2 ITEMHEADER

The Data Type, “**ITEMHEADER**”, is the first Data Type the Business Service Request “**SHOW 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

The second table describes data that is optional.

OPTIONAL ITEMHEADER DATA	
NAME	APPENDIX
BOMID	C
BOMREVISION	C
COMMODITY1 - COMMODITY3	C
CONTRACTB	C
CONTRACTS	C
DATETIME(CREATION)	D
DESCRIPTN	C
DRAWING	C
GLENTITYS	C
GLNOMACCT	C
HAZRDMATL	C
ITEMCLASS	C
ITEMDEFN	C
ITEMDESC	C
ITEMRV	C
ITEMSTATUS	C
ITEMTYPE	C
LOTLEVEL1 - LOTLEVEL2	C
LOTSNFLAG	C
NOTES	C
PARTNRID	C
PRODLTLINE	C
PROPERTY1 - PROPERTY99	C
QUANTITY(AVGRUNSIZE)	D
QUANTITY(LOTSIZEMAX)	D
QUANTITY(LOTSIZEMIN)	D
QUANTITY(LOTSIZEMLT)	D

OPTIONAL ITEMHEADER DATA	
NAME	APPENDIX
QUANTITY(SHELFLIFE)	D
UOM	C
UPC	C
USERAREA	C
WARRANTY	C

**Processing Note:**

The BOMID and BOMREVISION 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.

---

## 101.3 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. There are no required fields for the ITEMLOCATN Data Type.

OPTIONAL ITEMLOCATN DATA	
NAME	APPENDIX
BOMID	C
BOMREVISION	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

OPTIONAL ITEMLOCATN DATA	
NAME	APPENDIX
SERIALNUM	C
SITELEVEL1 - SITELEVEL9	C
UOM	C
UPC	C
USERAREA	C

**Processing Note:**

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

---

## 101.4 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. 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.