

64. SHOW PRODAVAIL - REVISION 002

64.0 Overview

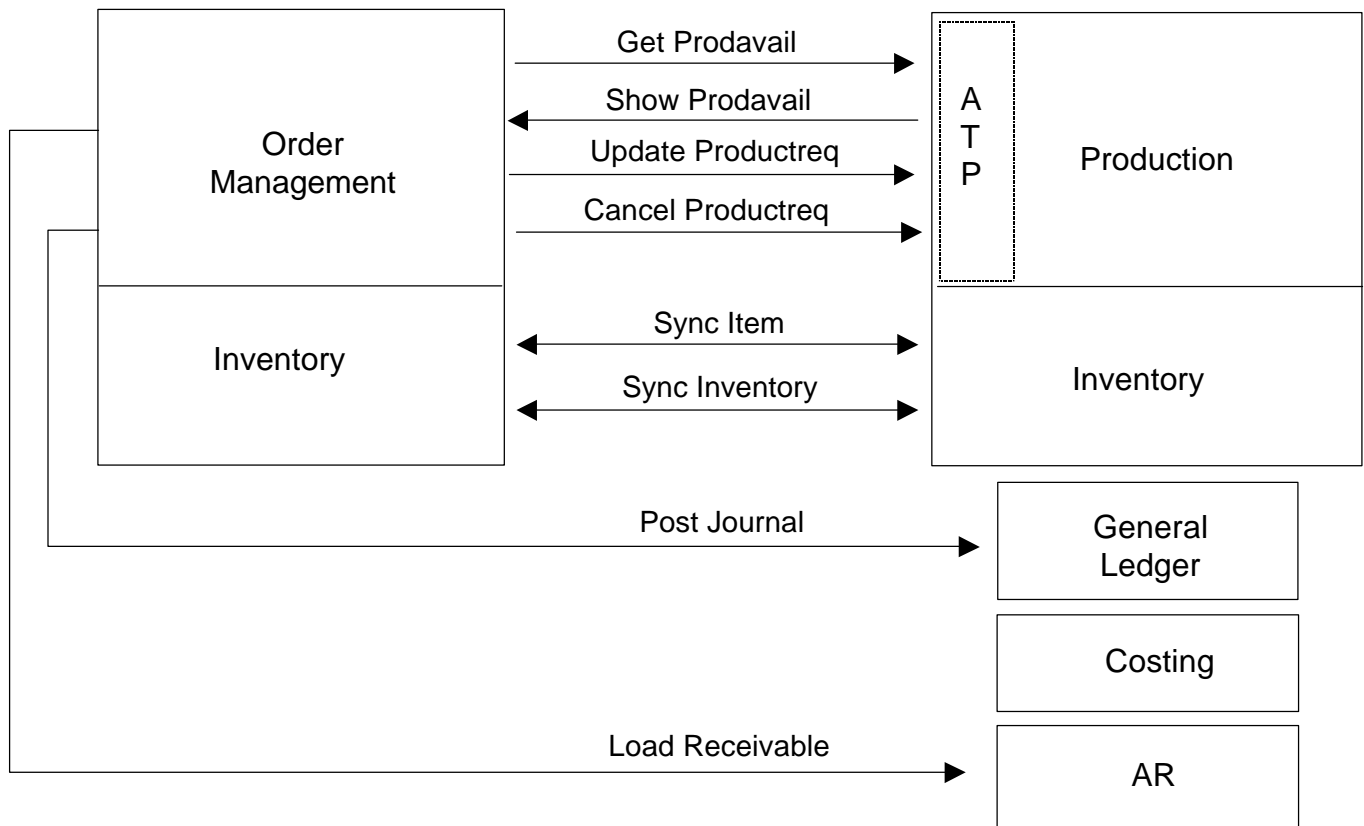
This chapter describes the Business Service Request named SHOW PRODAVAIL, the Verb being SHOW and the Noun being PRODAVAIL.

The purpose of the SHOW PRODAVAIL Business Service Request is to respond to a GET PRODAVAIL request or to initiate the passing of product availability data from a Production or Available to Promise (ATP) business application to an Order Management business application.

The business process scenario is the Order Management application interacting with the Available to Promise or Production application in order to determine availability of a product for the customer.

This scenario is commonly referred to as Make to Order or Build to Order.

This BSR may or may not cause updates to occur and may be used as part of a large integration scenario or as a single tool for requesting product available to promise information. The picture below visualizes a possible use of this BSR.



64.1 SHOW PRODAVAIL

The SHOW PRODAVAIL Business Object Document uses one Data Type:

1. **PRODAVAIL** - Information necessary to show the relevant data concerning a products' availability. This Data Type is required.

64.2 PRODAVAIL

The Data Type, "**PRODAVAIL**", is the only Data Type the Business Service Request "**SHOW PRODAVAIL**" uses.

Listed are all the Field Identifiers and Segments that are valid for use within the PRODAVAIL 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 PRODAVAIL DATA	
NAME	APPENDIX
DATETIME(AVAILABLE)	D
ITEM	C
QUANTITY(AVAILABLE)	D
SITELEVEL1	C

Processing Note:

Because the SHOW PRODAVAIL may need to communicate several quantity and date combinations to fulfill a customer request, this can be done by sending multiple occurrences of this data type for the same ITEM, each with the different quantity and date combinations available.

The second table describes data that is optional.

OPTIONAL PRODAVAIL DATA	
NAME	APPENDIX
DATETIME(EFFECTIVE)	D
DOCTYPE	C
DOCUMENTID	C
GLENTITYS	C
ITEMDESC	C
ITEMRV	C
ITEMTYPE	C
LOTLEVEL1 - LOTLEVEL2	C
NAME1 - NAME9	C
NOTES	C
POID	C
POLINENUM	C
PRDLINENUM	C
PRODLTLINE	C
PRODORDID	C
PROPERTY1 - PROPERTY99	C
SALESORDID	C

OPTIONAL PRODAVAIL DATA	
NAME	APPENDIX
SERIALNUM	C
SITELEVEL2 - SITELEVEL9	C
SOLINENUM	C
SUBSFLAG	C
USERAREA	C