

66. CREATE PRODORDER - REVISION 003

66.0 Overview

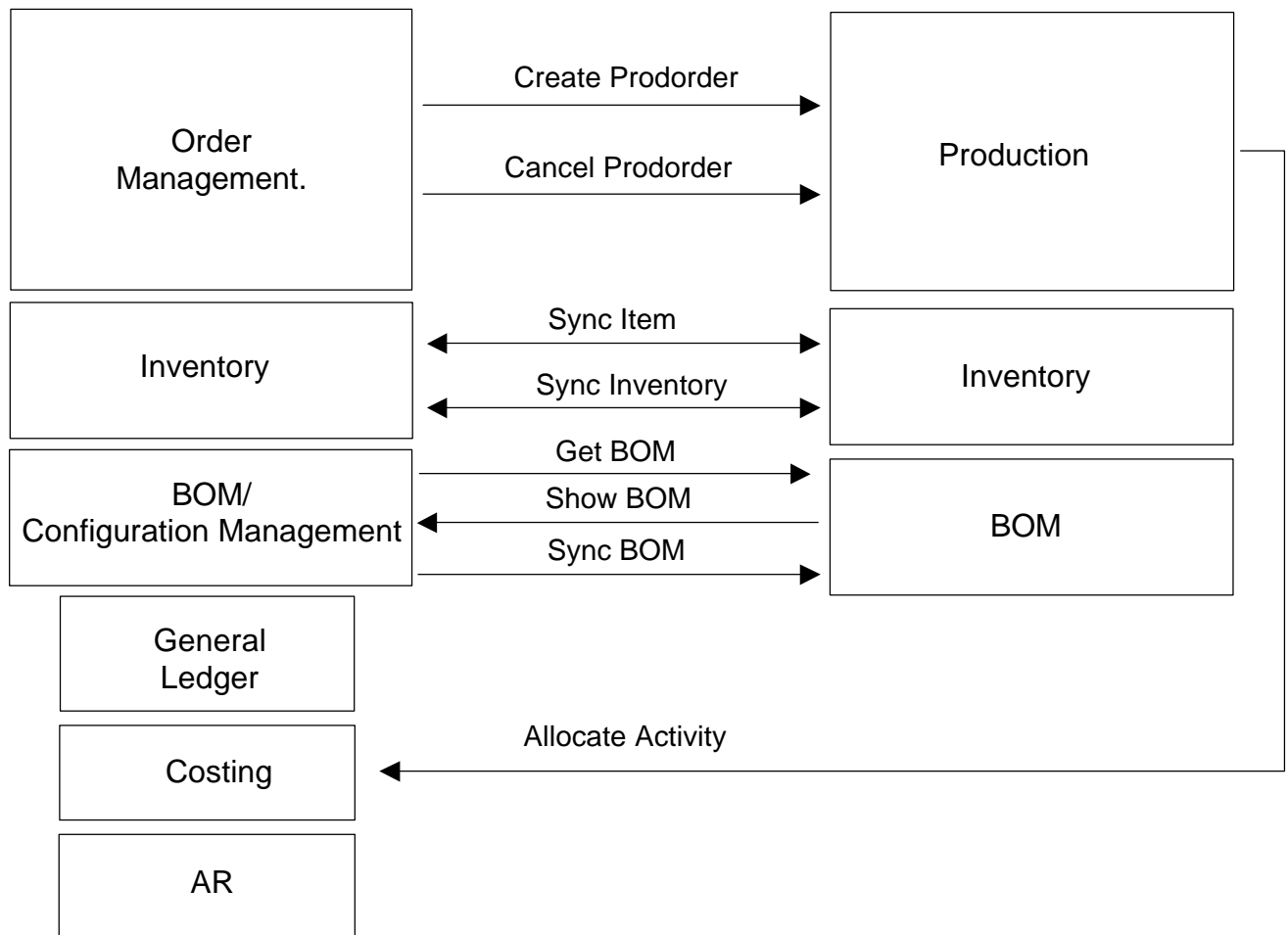
This chapter describes the Business Service Request named CREATE PRODORDER, the Verb being CREATE and the Noun being PRODORDER. The environment for this BSR can be within the enterprise or outside the enterprise.

The purpose of the CREATE PRODORDER Business Service Request is to notify a Manufacturing Application of the need to make a product in a specific quantity, for a specific need by date. The business environments most likely to require this capability are an Engineer to Order or a Configure to Order manufacturing scenario.

This Business Service Request communicates what the product configuration is and what choices have been made from the configuration.

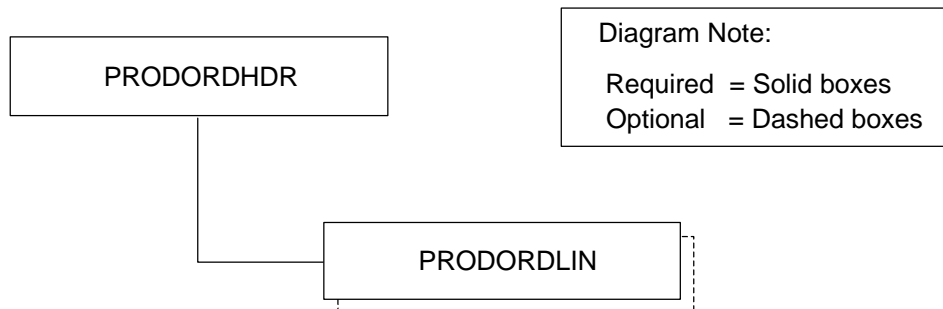
This BSR commonly causes updates to occur.

This BSR may be used individually, or as part of a larger interface scenario. The picture below visualizes one of the possible uses of this BSR.



66.1 Create Prodorder

The CREATE PRODORDER Business Object Document consists of the following Data Types:



1. **PRODORDHDR** - Information used to communicate the details of the production order requested to be initiated. This Data Type is required.
2. **PRODORDLIN** – Information used to communicate the individual items on the pre-determined Bill of Material structure. At least one occurrence of this Data type is required for each occurrence of the PRODORDHDR Data Type.

66.2 PRODORDHDR

The Data Type, “**PRODORDHDR**”, is the first Data Type the Business Service Request “**CREATE PRODORDER**” uses. For each production order represented in the Business Data Area, there must be one occurrence of the PRODORDHDR 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 PRODORDHDR 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 PRODORDHDR DATA	
NAME	APPENDIX
BOMID	C
DATETIME(REQUIRED)	D
ITEM	C
QUANTITY(ORDERED)	D
SALESORDID	C
SITELEVEL1	C

Processing Note:

Either the ITEM or the BOMID are required in the PRODORDHDR, but both are not required.

The second table describes data that is optional.

OPTIONAL PRODORDHDR DATA	
NAME	APPENDIX
BOMREVISION	C
COUNTRYDST	C
COUNTRYORG	C
DATETIME(AVAILABLE)	D
DATETIME(DOCUMENT)	D
DATETIME(DUE)	D
DATETIME(FORECASTF)	D
DATETIME(FORECASTS)	D
DATETIME(FROM)	D
DATETIME(NEEDEDELV)	D
DATETIME(TO)	D
DESCRIPTN	C
HDRSTATUS	C
ITEMDESC	C
ITEMRV	C
ITEMVAR	C
LOTLEVEL1 - LOTLEVEL2	C
NOTES	C
PARTNRID	C
PARTNRTYPE	C
PRDLINENUM	C
PRIORITY	C
PRODORDID	C
PRODOSTATS	C
PRODOTYPE	C
ROUTINGID	C
ROUTINGREV	C
ROUTINGVAR	C
SERIALNUM	C
SITELEVEL2 - SITELEVEL9	C
SOLINENUM	C
SUFFIX	C
USERAREA	C

66.2 PRODORDLIN

The Data Type, "PRODORDLIN", is the second Data Type the Business Service Request "CREATE PRODORDER" uses. For each production order represented in the Business Data Area, there must be one occurrence of the PRODORDLIN 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 PRODORDLIN 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 PRODORDLIN DATA	
NAME	APPENDIX
ITEM	C
QUANTITY(ORDERED)	D

Processing Notes:

This structure identifies a pre-determined bill of materials and therefore represents a flat structure. Any other production orders necessary to make this flat structure, (for example, sub-components), are assumed to be generated in the Production Application.

Options and other special processing are to be accomplished in the Configuration or Order Management applications before this request is executed.

Quantities at this line level are the extended quantities that enable Production to build all of the ITEMS requested at the header level of this order.

Position is critical for this processing to take place correctly. All lines need to be sent in the order intended for the structure.

The second table describes data that is optional.

OPTIONAL PRODORDLIN DATA	
NAME	APPENDIX
DESCRIPTN	C
DISPOSITN	C
ITEMDESC	C
ITEMRV	C
LOTLEVEL1 - LOTLEVEL 2	C
NOTES	C
PRDLINENUM	C
PROPERTY1 – PROPERTY99	C
QUANTITY(ITEM)	D
SERIALNUM	C
SITELEVEL1 - SITELEVEL9	C
TRACKFLG	C
USERAREA	C