

106. SYNC PRODORDER - REVISION 002

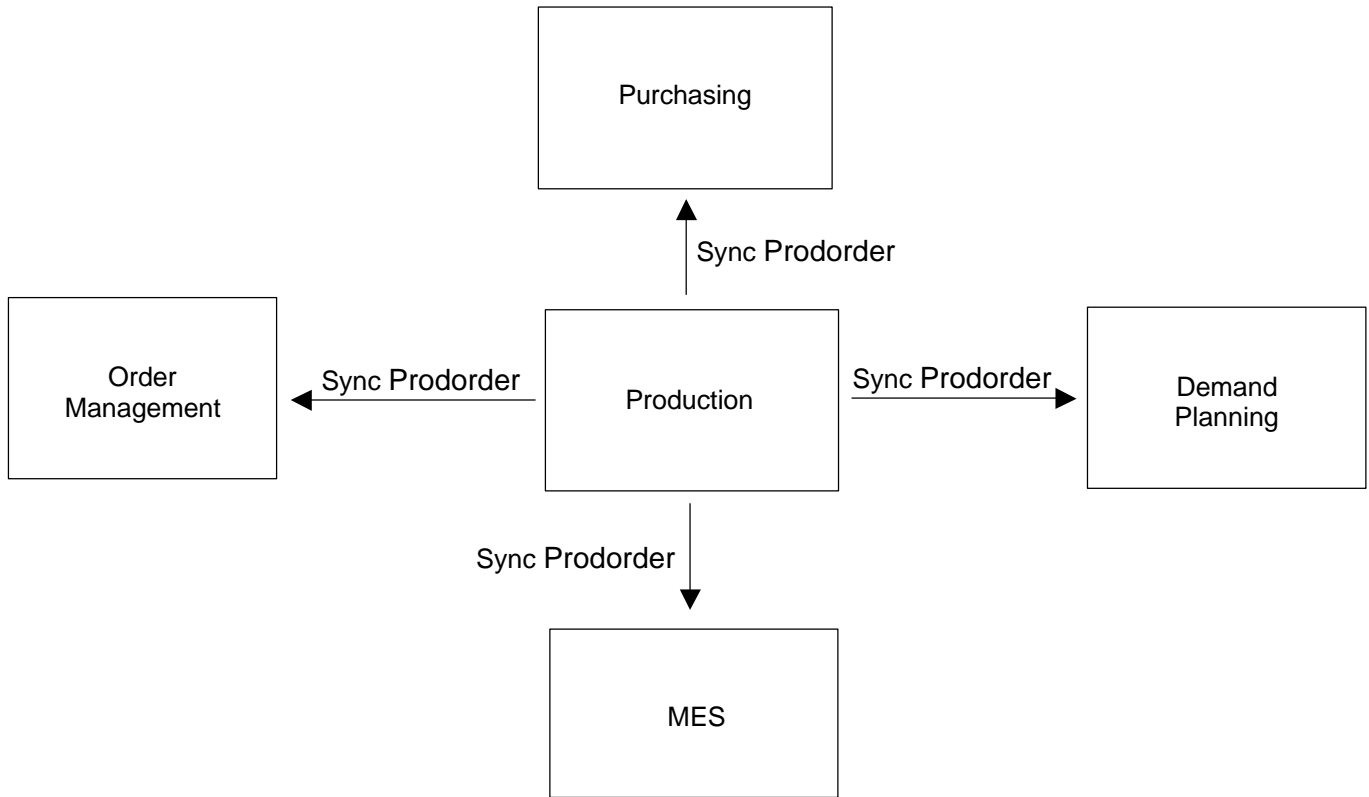
106.0 Overview

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

The purpose of the SYNC PRODORDER Business Service Request is to ensure that all business software components in a specific integration instance have the current Production Order information. This BOD is commonly used in a publish and subscribe integration environment.

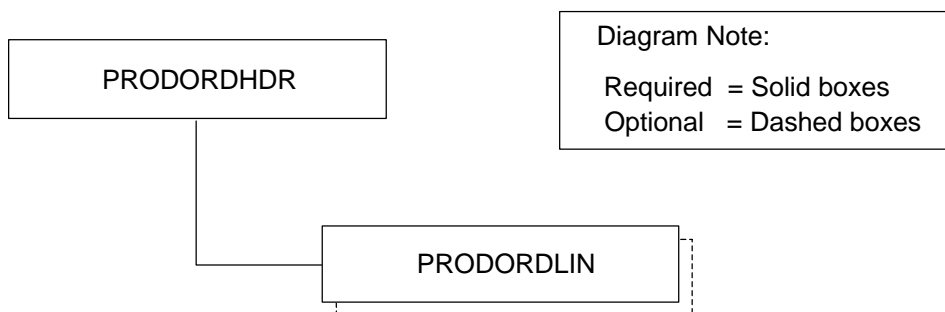
This BSR commonly causes updates to occur.

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.



106.1 Sync Prodorder

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



1. **PRODORDHDR** - Information used to communicate the details of the production order. 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.

106.2 PRODORDHDR

The Data Type, “**PRODORDHDR**”, is the first Data Type the Business Service Request “**SYNC 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
PRODORDID	C
QUANTITY(ORDERED)	D
SITELEVEL1	C
SYNCIND	C

Processing Note:

Either the ITEM Field Identifier or the BOMID Field Identifier 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
PRODOSTATS	C
PRODOTYPE	C
ROUTINGID	C
ROUTINGREV	C
ROUTINGVAR	C
SALESORDID	C
SERIALNUM	C
SITELEVEL2 - SITELEVEL9	C
SOLINENUM	C
SUFFIX	C
USERAREA	C

106.2 PRODORDLIN

The Data Type, "PRODORDLIN", is the second Data Type the Business Service Request "SYNC 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

Processing Notes:

QUANTITY(ITEM) indicates the quantity of the item for the process.