

## 2. CONFIRM BOD - REVISION 002

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### 2.0 Overview

The Confirmation BOD is the Business Object Document used for confirming the disposition of a originating BOD back to a SENDER application. The noun is "BOD " and the verb is "CONFIRM ".

The Business Object Document may need to be verified as being successfully processed by the receiving business application. Confirmations can be transmitted back to the original Sender business application in the form of another Business Object Document to indicate whether or not the original Business Object Document was successfully processed by the receiving business application.

Several reasons for confirmation BODs are:

1. Application Integrity
2. Transaction Integrity
3. Exception Handling
4. Technical Integrity

**SPECIAL NOTE:** It is strongly recommended that any integration scenario that requires a high order of application data integrity use the BOD type in all business application integration scenarios.

The confirmation is an option controlled at the original sending business application. The confirmation is triggered by the original Business Object Document by setting the Confirmation indicator in the Control Area to:

0 = Do not send back a confirmation Business Object Document

1 = Send back a confirmation Business Object Document only if an error has occurred

2 = Send a confirmation Business Object Document regardless

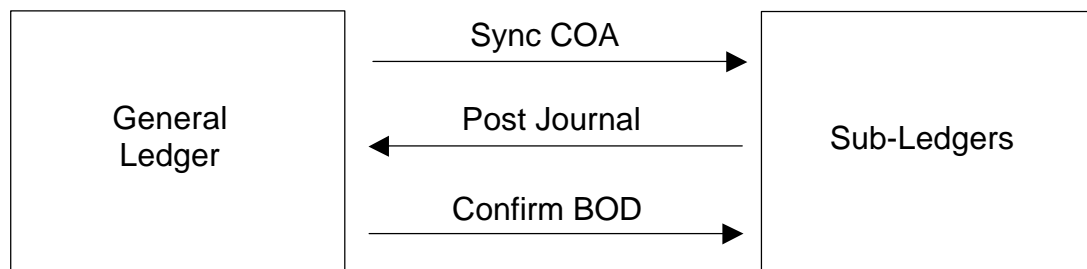
Free-form error messages are carried back to the Sender in the Business Data Area, and if possible, acknowledging the language code that was sent in the Control Area in the original Business Object Document.

**Processing Notes:**

For the case when multiple instances of data are sent in a BOD, and most succeed but one or more fail, this CONFIRM BOD would be sent if the confirmation indicator in the original BOD CONTROL AREA is set to "1".

For the case when one wishes to have a single CONFIRM BOD for each instance of data sent, it is recommended that one send a single instance of data in each BOD so that the CONFIRM BOD returned will refer to just that instance of data.

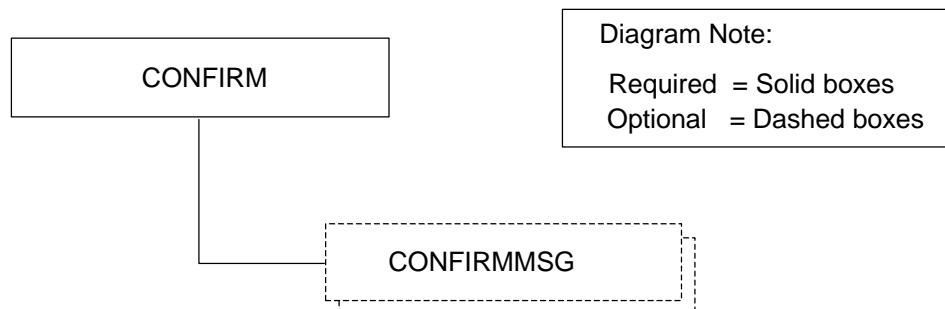
This BSR may be used individually, or as part of a larger interface scenario. The picture below visualizes one possible use of this BSR.



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## 2.1 Confirm BOD

The CONFIRM BOD Business Object Document consists of the following Data Types:



1. **CONFIRM** - Information used to communicate the status of the corresponding BOD. This Data Type is used to communicate whether the BOD received was understood and processed successfully by the business application. This Data Type is required.
2. **CONFIRMSG** – Information used to communicate messages from the system sending the CONFIRM BOD. This Data Type is optional. One instance of this Data Type occurs for each REASONCODE sent.

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## 2.2 CONFIRM

The Data Type, “**CONFIRM**”, is the first Data Type the Business Service Request “**CONFIRM BOD**” uses.

Listed are all the Field Identifiers and Segments that are valid for use within the CONFIRM Data Type.

The first table represents required data.

REQUIRED CONFIRM DATA	
NAME	APPENDIX
CNTROLAREA	D
STATUSLVL	C

**Processing Note:**

The CNTROLAREA Segment in the CONFIRM Data Type is the CNTROLAREA Segment contained in the originating BOD that this instance of the CONFIRM BOD is reporting against.

The CNTROLAREA is the Globally Unique Identifier (GUID) for all BODs. See OAGIS Section One Chapter Two for details.

The second table describes data that is optional.

OPTIONAL CONFIRM DATA	
NAME	APPENDIX
DESCRIPTN	C
ORIGREF	C
USERAREA	C

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## 2.3 CONFIRMMSG

The Data Type, "CONFIRMMSG", is the second Data Type used in the Business Service Request "CONFIRM BOD". CONFIRMMSG contains the messages sent by the original receiving application back to the originating application.

Each instance of the CONFIRMMSG Data Type carries one REASONCODE for each error in the original BOD referenced by the CNTROLAREA. If multiple errors occur in the original BOD, multiple occurrences of the CONFIRMMSG may be carried, one for each error message. If the original BOD is able to be processed, but warning messages occur, this information may be carried in the CONFIRMMSG Data Type as well.

Listed are all the Field Identifiers and Segments that are valid for use within the CONFIRMMSG Data Type. There are no required fields for the CONFIRMMSG Data Type.

OPTIONAL CONFIRMMSG DATA	
NAME	APPENDIX
DESCRIPTN	C
REASONCODE	C
USERAREA	C