

91. SHOW SALESORDER - REVISION 003

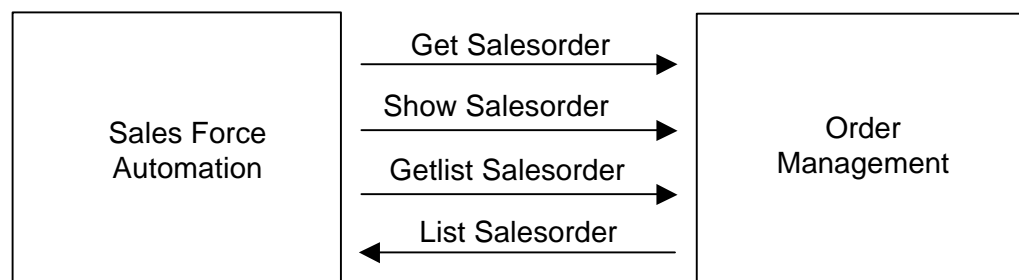
91.0 Overview

This chapter describes the Business Service Request named SHOW SALESORDER, the Verb being SHOW and the Noun being SALESORDER, indicating a customer order or a salesorder.

The purpose of the SHOW SALESORDER Business Service Request is to supply Sales Order Information to another business application module. This request may be used as a response to a GET Salesorder request or as a push notification of an event. This BSR does not usually cause updates to occur.

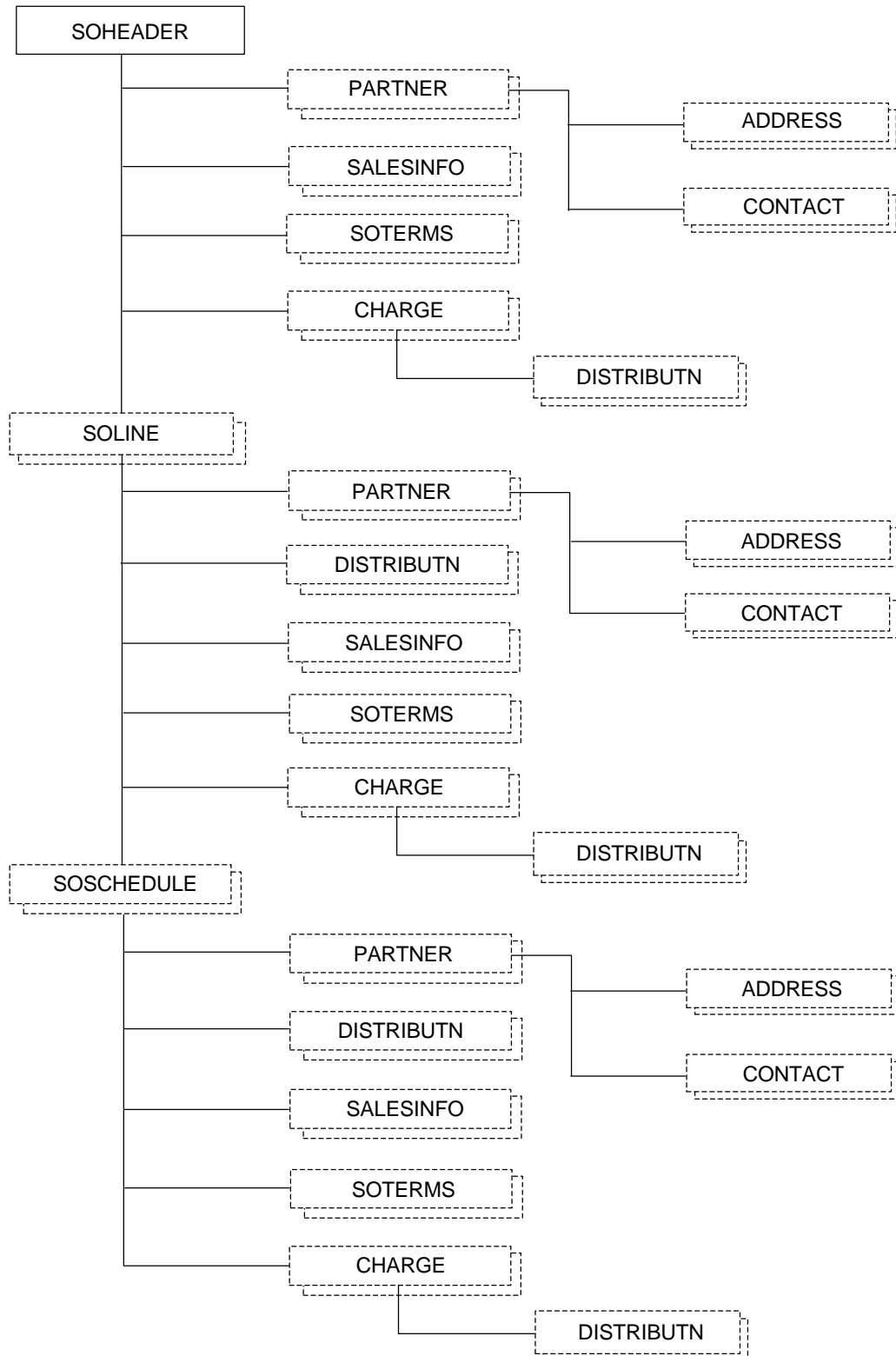
There are several possible business applications in several environments that may use this capability.

The picture below visualizes a possible use of this BSR.



91.1 SHOW SALESORDER

The SHOW SALESORDER consists of the following Data Types:



The Business Service Request SHOW SALESORDER uses the following Data Types:

1. **SOHEADER** - Information that applies to the entire sales or customer order. This Data Type is required.
2. **PARTNER** - Partner information, i.e., name, currency, payment method, etc. This Data Type is optional.
3. **ADDRESS** - Partner location information. This Data Type is optional.
4. **CONTACT** - Name, telephone and other information to contact people associated with the PARTNER. This Data Type is optional.
5. **SALESINFO** - Contains the relevant information about the salesperson and the associated commission information. This Data Type is optional.
6. **SOTERMS** - Payment terms for the entire sales order document or for individual items on the sales order. This Data Type is optional.
7. **CHARGE** - Any miscellaneous charges that are not represented as line items such as freight or handling charges. This Data Type is optional.
8. **DISTRIBUTN** - The accounting distribution information associated with a Business Object Document. This may occur for a header, line, or a charge. This Data Type is optional.
9. **SOLINE** - The item or product ordered along with quantity, price and other descriptive information. This Data Type is optional.
10. **SOSCHEDULE** - Dates and quantities for delivery or shipment of ordered products. This Data Type is used only as a part of the SOLINE and can not exist without an SOLINE. This Data Type is optional.

91.2 SOHEADER

The Data Type, "SOHEADER", is the first of several Data Types the Business Service Request "SHOW SALESORDER" uses. There must be one occurrence of the SOHEADER 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 SOHEADER Data Type.

The first table represents required data.

REQUIRED SOHEADER DATA	
NAME	APPENDIX
SALESORDID	C

The second table describes data that is optional.

OPTIONAL SOHEADER DATA	
NAME	APPENDIX
BACKORDIND	C
CONTRACTB	C
CONTRACTS	C
COSTCENTER	C
DATETIME(DOCUMENT)	D
DEPARTMENT	C
DESCRIPTN	C
DISTCENTER	C
DIVISION	C
EXPORTLIC	C
GLENTITYS	C
GLNOMACCT	C
IMPORTLIC	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPRAMTAUTH	C
POID	C
POLINENUM	C
PROJECT	C
SALESORG1 - SALESORG9	C

OPTIONAL SOHEADER DATA	
NAME	APPENDIX
SHIPNOTES	C
SHIPPRIOR	C
SITELEVEL1 - SITELEVEL9	C
SOSTATUS	C
TAXWHEXMPT	C
USERAREA	C

91.3 PARTNER

The Data Type “**PARTNER**” represents the business partner. Several examples of PARTNERS are those business partners that products are sold to, bought from, or delivered by. The partner types **Customer**, **ShipTo**, **BillTo**, **Carrier**, and **PayFrom** can be used. The use of the Data Type is optional.

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

There are no required fields for the PARTNER Data Type.

OPTIONAL PARTNER DATA	
NAME	APPENDIX
CURRENCY	C
DESCRIPTN	C
NAME1 - NAME9	C
ONETIME	C
PARTNRID	C
PARTNRIDX	C
PARTNRTYPE	C
TAXEXEMPT	C
TAXID	C
USERAREA	C

91.4 ADDRESS

The Data Type “**ADDRESS**” represents the data concerning the location of the business partner. The use of this Data Type is optional.

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

There are no required fields for the ADDRESS Data Type.

OPTIONAL ADDRESS DATA	
NAME	APPENDIX
ADDRLINE1 - ADDRLINE9	C
ADDRTYPE	C
CITY	C
COUNTRY	C
COUNTY	C
DESCRIPTN	C
FAX1 - FAX9	C
POSTALCODE	C
REGION	C
STATEPROVN	C
TAXJRSCTN	C
TELEPHONE1 - TELEPHONE9	C
URL	C
USERAREA	C

91.5 CONTACT

The Data Type “**CONTACT**” represents people associated with the PARTNER and various ways to contact them, such as telephone or fax. The use of this Data Type is optional.

There are no required fields for the CONTACT Data Type.

OPTIONAL CONTACT DATA	
NAME	APPENDIX
DESCRIPTN	C
EMAIL	C
FAX1 - FAX9	C
NAME1 - NAME9	C
TELEPHONE1 -TELEPHONE9	C
USERAREA	C

91.6 SALESINFO

The Data Type “**SALESINFO**” contains necessary information about the salesperson on the order. The use of this Data Type is Optional.

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

OPTIONAL SALESINFO DATA	
NAME	APPENDIX
AMOUNT(COMMISSION)	D
AMOUNT(ORDER)	D
QUANTITY(COMMISSION)	D
QUANTITY(ORDERED)	D
QUANTITY(PERCENT)	D
SALESORG1 - SALESORG9	C
SALESPERSN	C
USERAREA	C

Processing Notes:

There is one occurrence of this Data Type for each salesperson. If there is more than one salesperson getting credit for the salesorder, each salesperson would be documented in their own occurrence of the SALESINFO Data Type for the salesorder.

The AMOUNT(COMMISSION) and the QUANTITY(COMMISSION) enable the salesperson or persons to be appropriately credited for the order. These segments assume that the commissions have already been calculated by amount or quantity and they are only carrying the value or result of the previous calculation.

The AMOUNT(ORDER), QUANTITY(ORDERED), and QUANTITY(PERCENT) segments may alternatively be used to record the portion of the salesorder the salesperson is credited with before an actual calculation is made. These segments are carrying only raw data and may be used by a sales commission application to subsequently calculate the correct sales commission for each salesperson.

91.7 SOTERMS

The Data Type “**SOTERMS**” represents the payment due dates and payment discount information. The use of the SOTERMS Data Type is optional for the SOHEADER and the SOLINE. If used, it can occur multiple times for each.

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

There are no required fields for the SOTERMS Data Type.

OPTIONAL SOTERMS DATA	
NAME	APPENDIX
DAYOFMONTH	C
DAYSNUM	C
DESCRIPTN	C
OPERAMT(EXTENDED)(T)	D
PROXMONTH	C
QUANTITY(PERCENT)	D
TERMID	C
USERAREA	C

Processing Notes:

In the SOTERMS data type, the DAYOFMONTH and PROXMONTH are used together. Also, if DAYSNUM is used, then the DAYOFMONTH and PROXMONTH are not relevant.

The OPERAMT(EXTENDED) or the QUANTITY(PERCENT) are mutually exclusive. OPERAMT(EXTENDED) represents the absolute discount amount. The QUANTITY(PERCENT) represents the discount percentage.

91.8 CHARGE

The Data Type “**CHARGE**” represents the charges other than the goods or services represented in the Business Object Document. Examples of charges that can be carried in the CHARGE Data Type include freight, taxes, or handling charges. The use of the CHARGE Data Type is optional.

Charge usage is further defined by its position in the SHOW SALESORDER. For example, charges that follow the SOHEADER Data Type or each SOLINE Data Type are inferred to be associated with that SOHEADER or SOLINE Data Types respectively.

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

There are no required fields for the CHARGE Data Type.

OPTIONAL CHARGE DATA	
NAME	APPENDIX
CHARGEID	C
CHGLINENUM	C
DESCRIPTN	C
OPERAMT(EXTENDED)(T)	D
USERAREA	C

91.9 DISTRIBUTN

The Data Type, “**DISTRIBUTN**”, is the Data Type the Business Service Request “**SHOW SALESORDER**” uses to describe accounting distribution. The use of the DISTRIBUTN Data Type is optional.

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

There are no required fields for the DISTRIBUTN Data Type in this usage.

OPTIONAL DISTRIBUTN DATA	
NAME	APPENDIX
BUSNAREA	C
COSTCENTER	C
DEPARTMENT	C
DIVISION	C
ELEMENT1 - ELEMENT999	C
FUND	C
GEOGRAPHY	C
GLENTITYS	C
GLNOMACCT	C
OPERAMT(EXTENDED)(T)	D
PROFITCTR	C
PROJECT	C
UNIT	C
USERAREA	C
WAREHOUSE	C

91.10 SOLINE

The Data Type “**SOLINE**” represents the detail lines of the sales order. This Data Type is optional. Listed are all the Field Identifiers and Segments that are valid for use within the SOLINE Data Type.

The first table represents required data.

REQUIRED SOLINE DATA	
NAME	APPENDIX
SOLINENUM	C

The second table describes data that is optional.

OPTIONAL SOLINE DATA	
NAME	APPENDIX
BACKORDIND	C
BOMALTID	C
BOMID	C
BOMNAME	C
BOMREVISION	C
BOMSTATUS	C
BOMTYPE	C
BOMUSAGE	C
CONTRACTB	C
CONTRACTS	C
DATETIME(DELIVACT)	D
DATETIME(DELIVSCHED)	D
DATETIME(NEEDEDELV)	D
DATETIME(PROMDELV)	D
DATETIME(PROMSHIP)	D
DATETIME(SHIP)	D
DESCRIPTN	C
DISTCENTER	C
DRAWING	C
DROPSHIP	C
EXPORTLIC	C
HAZRDMATL	C
IMPORTLIC	C

OPTIONAL SOLINE DATA	
NAME	APPENDIX
ITEM	C
ITEMRV	C
ITEMRVX	C
ITEMX	C
LOTLEVEL1 – LOTLEVEL2	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPERAMT(UNIT)(T)	D
PACKING	C
PARTIALSHP	C
POID	C
POLINENUM	C
PRODLCTLINE	C
PROJECT	C
PROPERTY1 - PROPERTY99	C
QUANTITY(ORDERED)	D
ROUTINGID	C
SHIPNOTES	C
SHIPPRIOR	C
SOLNSTATUS	C
SUBSFLAG	C
TAXWHEXMPT	C
TEMPRATURE(ACTUAL)	D
TEMPRATURE(DELIVERY)	D
TEMPRATURE(LOADING)	D
UPC	C
USERAREA	C

Processing Notes:

The OPERAMT(UNIT)(T) segment is intended to be used for the unit price of the goods or services on the salesorder. The unit qualifier means this is for unit amounts, not extended amounts. The extended amount can be derived by multiplying the OPERAMT(UNIT)(T) times the QUANTITY(ORDERED) segment.

In this case the calculations for pricing are assumed to be completed before the SHOW SALESORDER BOD is transmitted.

The OPERAMT(EXTENDED)(T) segment is intended to be used for the full extended amount of the SOLINE in question. This is used when the source system calculates all pricing before the SHOW SALESORDER BOD is transmitted.

91.11 SOSCHEDULE

The Data Type “**sosCHEDULE**” represents the requested ship or delivery dates for goods ordered. This Data Type is used only as a part of the SOLINE and can not exist without an SOLINE. The use of the SOSCHEDULE Data Type optional.

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

The table below describes the data that is optional. There are no required fields for this usage.

OPTIONAL SOSCHEDULE DATA	
NAME	APPENDIX
BACKORDIND	C
BOMALTID	C
BOMID	C
BOMNAME	C
BOMREVISION	C
BOMSTATUS	C
BOMTYPE	C
BOMUSAGE	C
CONTRACTB	C
CONTRACTS	C
DATETIME(DELIVACT)	D
DATETIME(DELIVSCHED)	D
DATETIME(NEEDEDELV)	D
DATETIME(NEEDEDELV)	D
DATETIME(PROMDELV)	D
DATETIME(PROMSHIP)	D
DATETIME(SHIP)	D
DESCRIPTN	C
DISTCENTER	C
DRAWING	C
DROPSHIP	C
EXPORTLIC	C
HAZRDMATL	C
IMPORTLIC	C
ITEM	C
ITEMRV	C
ITEMRVX	C

OPTIONAL SOSCHEDULE DATA	
NAME	APPENDIX
ITEMX	C
LOTLEVEL1 – LOTLEVEL2	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPERAMT(UNIT)(T)	D
PACKING	C
PARTIALSHP	C
POID	C
POLINENUM	C
PRODTLINE	C
PROJECT	C
PROPERTY1 - PROPERTY99	C
PSCLINENUM	C
QUANTITY(ORDERED)	D
ROUTINGID	C
SHIPNOTES	C
SHIPPRIOR	C
SOSLINENUM	C
SUBSFLAG	C
TAXWHEXMPT	C
TEMPRATURE(ACTUAL)	D
TEMPRATURE(DELIVERY)	D
TEMPRATURE(LOADING)	D
UPC	C
USERAREA	C

Processing Notes:

SOSCHEDULE usage is further defined by its position on the SHOW SALESORDER. For example, each SOSCHEDULE that follows a SOLINE Data Type is implied to be associated with the SOLINE Data Type.

The OPERAMT(UNIT)(T) segment is intended to be used for the unit price of the goods or services on the salesorder. The unit qualifier means this is for unit amounts, not extended amounts. The extended amount can be derived by multiplying the OPERAMT(UNIT)(T) times the QUANTITY(ORDERED) segment.

In this case the calculations for pricing are assumed to be completed before the SHOW SALESORDER BOD is transmitted.

The OPERAMT(EXTENDED)(T) segment is intended to be used for the full extended amount of the SOSCHEDULE in question. This is used when the source system calculates all pricing before the SHOW SALESORDER BOD is transmitted.