

## **5. LOAD RECEIVABLE - REVISION 006**

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### **5.0 Overview**

This chapter describes the Business Service Request named LOAD RECEIVABLE, the Verb being LOAD and the Noun being RECEIVABLE, indicating sales invoice or credit memo.

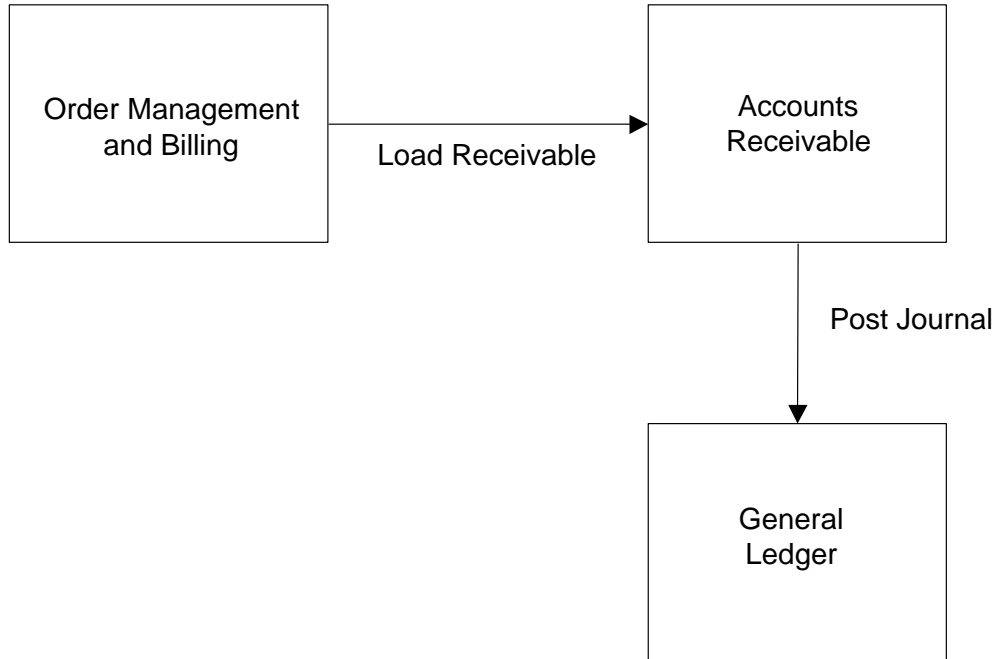
The purpose of the LOAD RECEIVABLE Business Object Document is to transmit data to create a receivable open item in a receivable application from the billing information generated in an order management application. The LOAD RECEIVABLE may also update the General Ledger, depending on the specific architecture of the accounting application.

The scope of the LOAD RECEIVABLE is to create a BOD to recognize customer obligation (accounts receivable asset). Specific transactions include:

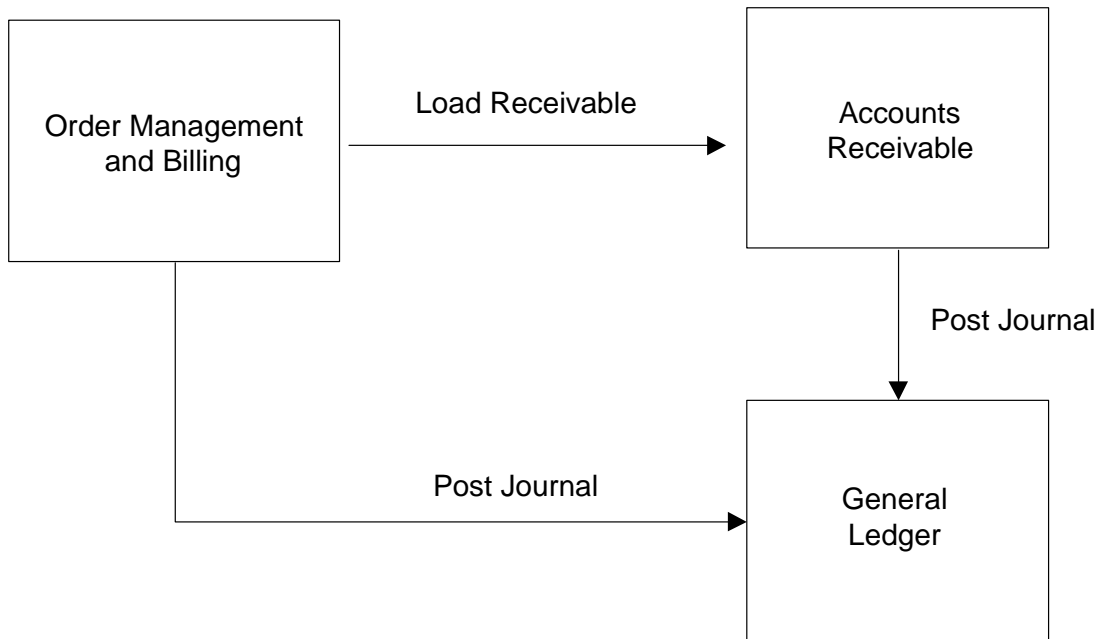
1. Sales Invoice
2. Credit Memo
3. Debit Memo
4. Charge Back

The LOAD RECEIVABLE may also be used for transaction that do not originate from an order management application.

The following two models illustrate that the LOAD RECEIVABLE may, in some cases, be adequate to update the financial applications, i.e., Receivables and General Ledger, and in other cases, will also require the POST JOURNAL Business Object Document (BOD) to assure the General Ledger account balances are updated.



In the model above, the receivable application is a sub-ledger of the general ledger. Updates to G/L balances occur via the receivables module, therefore the LOAD RECEIVABLE BOD contains both receivable and general ledger transaction information.



This other model illustrates the environment that sometime exists when General Ledger updates occur directly from the Order Management application. The reconciliation between the receivable and general ledger is a function within the financial applications and not of the integration space. This model allows the G/L balances to be updated in either detail or summarized form.

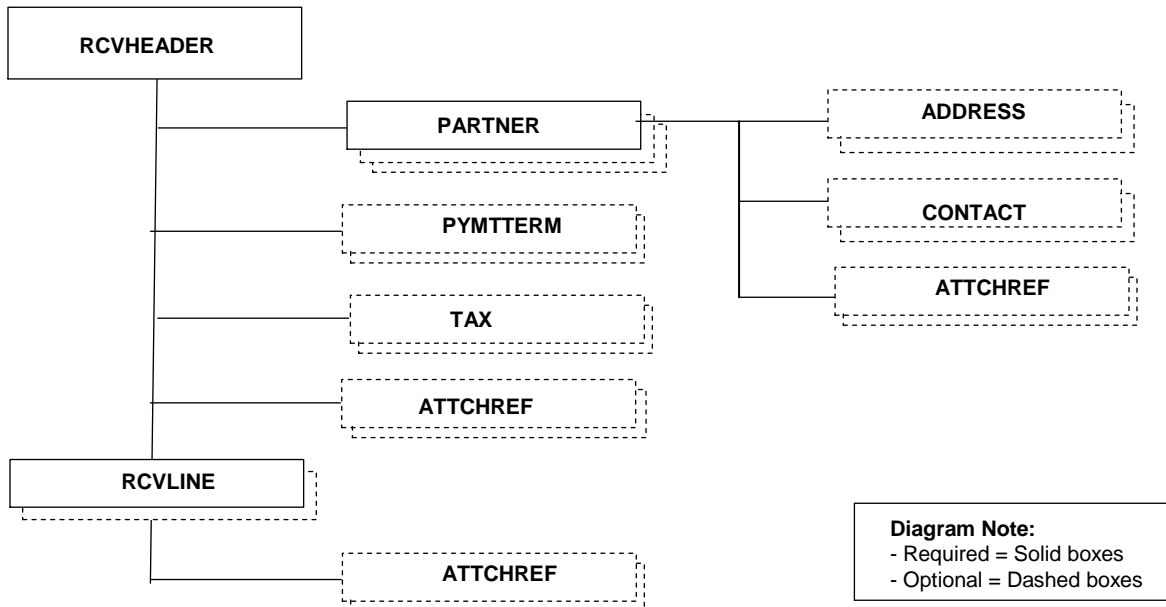
The scope of the role of the receivable application includes functions such as:

- Allowing Cash Application
- Dunning
- Dispute management

## 5.1 LOAD RECEIVABLE

Along with customer credit checking, the LOAD RECEIVABLE transaction is one of the most common activities between the order management and receivable applications.

The LOAD RECEIVABLE Business Object Document consists of the following Data Types:



The Business Service Request LOAD RECEIVABLE uses the following Data Types:

1. **RCVHEADER** - Information that applies to the entire receivable document, including totals, invoice identifier, and description. This Data Type is required.
2. **PARTNER** - Partner information such as payment method or currency. The PayFrom Partner is required. The Sold To, Bill To, and Supplier are 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. **PYMTTERM** - Payment terms for the invoice. This Data Type is optional.
6. **TAX** - Tax information for the document. This Data Type is optional.
7. **ATTCHREF** – References of supporting documents. This is for reference and management of binary/non-XML documents such as spreadsheets, CAD files, graphics, etc. This Data Type is optional.
8. **RCVLINE** - Line associated with the receivable document. Can be an invoice line. At least one occurrence of the **RCVLINE** Data type is required.

## 5.2 RCVHEADER

The Data Type, "RCVHEADER", is the first of several Data Types the Business Service Request "LOAD RECEIVABLE" uses. For each receivable document represented in the Business Data Area, there must be one occurrence of the RCVHEADER 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 RCVHEADER Data Type. The first table represents required data.

REQUIRED RCVHEADER DATA	
NAME	APPENDIX
AMOUNT(DOCUMENT)(T)	D
DATETIME(DOCUMENT)	D
GLENTITYS	C
ORIGREF	C

The AMOUNT(DOCUMENT)(T) represents the invoice or credit memo total excluding any possible discounts based on payment terms.

The second table describes data that is optional.

OPTIONAL RCVHEADER DATA	
NAME	APPENDIX
ACCTPERIOD	C
ACCTYEAR	C
AMOUNT(DOCUMENT)(F)	D
DATETIME(ACCOUNTING)	D
DESCRIPTN	C
DOCTYPE	C
LEDGER	C
PAYMETHOD	C
USERAREA	C
USERID	C

## 5.3 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. For each RCVHEADER, there must be at least one occurrence of the PARTNER Data Type to represent the business partner responsible for the payment of the goods or services. Listed are all the Field Identifiers and Segments that are valid for use within the PARTNER Data Type. The first table represents required data.

REQUIRED PARTNER DATA	
NAME	APPENDIX
NAME1	C
ONETIME	C
PARTNRID	C
PARTNRTYPE	C

The occurrence of the PARTNER with the PARTNRTYPE "PayFrom" is required. Other PARTNRTYPE values that are allowed in other occurrences of PARTNER in the LOAD RECEIVABLE are:

1. BILLTO
2. SHIPTO
3. SOLDTO
4. SUPPLIER

The second table describes data that is optional.

OPTIONAL PARTNER DATA	
NAME	APPENDIX
CURRENCY	C
DESCRIPTN	C
NAME2 - NAME9	C
TAXEXEMPT	C
TAXID	C
USERAREA	C

Optional PARTNER data is typically only used for one-time business partners or as overrides for this specific transaction.

## 5.4 ADDRESS

The Data Type "ADDRESS" represents the data concerning the location of the business partner. For each PARTNER of the LOAD RECEIVABLE, there can be multiple occurrences of the ADDRESS Data Type. Listed are the Field Identifiers and Segments used within the ADDRESS Data Type. All data for the ADDRESS Data Type is optional.

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

## 5.5 CONTACT

The Data Type “**CONTACT**” represents people associated with the PARTNER and various ways to contact them, such as telephone or fax. The CONTACT is an optional Data Definition Area (DDA) that is directly associated with the previous PARTNER DDA. Listed are all the Field Identifiers and Segments that are valid for use within the CONTACT Data Type.

The first table represents required data.

REQUIRED CONTACT DATA	
NAME	APPENDIX
NAME1	C

The second table describes data that is optional.

OPTIONAL CONTACT DATA	
NAME	APPENDIX
CONTCTTYPE	C
DESCRIPTN	C
EMAIL	C
FAX1 - FAX9	C
NAME2 - NAME9	C
TELEPHONE1 - TELEPHONE9	C
USERAREA	C

## 5.6 PYMTTERM

The Data Type “**PYMTTERM**” represents the payment due dates and payment discount information. The PYMTTERM is an optional Data Definition Area for the LOAD RECEIVABLE. Listed are all the Field Identifiers and Segments that are valid for use within the PYMTTERM Data Type. Although all these attributes are optional, the data other than the TERMID is typically sent as overrides for this specific transaction against any previously established payment terms indicated by the TERMID.

OPTIONAL PYMTTERM DATA	
NAME	APPENDIX
AMOUNT(DISCNT1-9)(T)	D
AMOUNT(DISCNT1-9)(F)	D
DATETIME(DISCNT1-9)	D
DATETIME(DUE)	D
DATETIME(PYMTTERM)	D
DESCRIPTN	C
TERMID	C
USERAREA	C

## 5.7 TAX

The Data Type, "**TAX**", will contain any tax information such as the taxable amounts and the tax codes. The TAX is an optional Data Definition Area for the LOAD RECEIVABLE and is used to summarize tax amounts across all RCVLINES. The TAX Data Type is used to summarize tax information that is reported elsewhere in the RCVLINE DDA. The principal intent of this data type is for use as a memo item. Listed are all the Field Identifiers and Segments that are valid for use within the TAX Data Type.

The first table represents required data.

REQUIRED TAX DATA	
NAME	APPENDIX
AMOUNT(TAX)(T)	D
AMOUNT(TAXBASE)(T)	D

The second table describes data that is optional.

OPTIONAL TAX DATA	
NAME	APPENDIX
AMOUNT(TAX)(F)	D
AMOUNT(TAXBASE)(F)	D
DESCRIPTN	C
TAXCODE	C
USERAREA	C



## 5.8 ATTCHREF

The Data Type “**ATTCHREF**” represents binary data files that may be included within a BOD. These files replace the paper specifications and drawings attached to a BOD definition to clearly communicate design requirements. This Data Type is optional.

ATTCHREF usage is further defined by its position in the LOAD RECEIVABLE.

Listed are all the Field Identifiers and Segments that are valid for use within the ATTCHREF Data Type. The first table represents required data.

REQUIRED ATTCHREF DATA	
NAME	APPENDIX
FILENAME	C
URI	C

### Processing Notes:

Of the following required fields, only one must be present, not all are required to be present.

- 1) FILENAME or,
- 2) URI

The second table describes data that is optional.

OPTIONAL ATTCHREF DATA	
NAME	APPENDIX
CMPRSNTYPE	C
CMPRSNID	C
DATETIME(CREATION)	C
DESCRIPTN	C
FILETYPE	C
NOTES1 - NOTES9	C
QUANTITY(FILESIZE)	C
TITLE	C
USERAREA	C

### Processing Notes:

This data type references files associated with a BOD using two methods – explicit binary files delivered at the same time as the BOD (FILENAME) and using a URI location of the file. Using either method, the file may be within a compressed file package as identified by CMPRSNID. DATETIME(CREATION) and QUANTITY(FILESIZE) provide simple file checks.

## 5.9 RCVLINE

The Data Type "RCVLINE" represents the detail lines of the receivable document. At least one RCVLINE is required for each RCVHEADER. Listed are all the Field Identifiers and Segments that are valid for use within the RCVLINE Data Type. Typically, there will be at least two occurrences given the common accounting rule of every debit requiring an equally balancing credit. The first table represents required data.

REQUIRED RCVLINE DATA	
NAME	APPENDIX
AMOUNT(EXTENDED)(T)	D
GLNOMACCT	C
OPENITEM	C

Note that the accumulation of all the RCVLINE AMOUNT(EXTENDED)(T) must balance. Balance, in the accounting use of the term, means that the total debits must equal the total credits. If functional amounts are also reported, i.e. AMOUNT(EXTENDED)(F), these functional amounts must also balance. Also note that the AMOUNT(EXTENDED)(T) is not tax inclusive. This implies that if the LOAD RECEIVABLE includes tax amounts, then additional RCVLINE instances will report those tax amounts.

The second table describes data that is optional.

OPTIONAL RCVLINE DATA	
NAME	APPENDIX
AMOUNT(EXTENDED)(F)	D
AMOUNT(TAXBASE)(F)	D
AMOUNT(TAXBASE)(T)	D
BUSNAREA	C
CHARGEID	C
COSTCENTER	C
DEPARTMENT	C
DESCRIPTN	C
DIVISION	C
ELEMENT1 - ELEMENT999	C
EMPCATEGORY	C
EMPLOYEEID	C
FUND	C
GEOGRAPHY	C
GLENTITYD	C

<b>OPTIONAL RCVLINE DATA</b>	
<b>NAME</b>	<b>APPENDIX</b>
ITEM	C
ITEMTYPE	C
OILINENUM	C
OPERAMT(UNIT)(F)	D
OPERAMT(UNIT)(T)	D
PRODCLINE	C
PRODORDER	C
PROFITCTR	C
PROJACTVTY	C
PROJECT	C
PROJRESEL1 - PROJRESEL9	C
QUANTITY(ITEM)	D
REF1 - REF999	C
SALESORDID	C
TAXCODE	C
TAXLINE	C
UNIT	C
UPC	C
USERAREA	C
WAREHOUSE	C
WORKORDER	C