

73. LOAD MATCHDOC - REVISION 002

73.0 Overview

This chapter describes the Business Service Request named LOAD MATCHDOC, the Verb being LOAD and the Noun being MATCHDOC.

In certain application suites, purchase order / invoice matching functionality exists in the purchasing application, while in other suites this functionality exists in the accounts payable application.

The invoice matching process may include several document types, including the following:

- Two way match - Purchase Order and the Invoice
- Three way match - Purchase Order, Invoice, and the Receipt
- Four way match – Purchase Order, Invoice, Receipt, and Inspection results

For the four way match, it is assumed that inspection results have been updated on the Purchase Order for visibility in matching.

When matching takes place in the purchasing application, the accounts payable application may have to inform the purchasing application of the supplier invoice to which purchasing transactions (purchase orders, goods receiving notes and inspection tickets) are to be matched if the invoice is initially entered into the accounts payable application. Note that in some situations, invoices are entered directly into the purchase order application or are created by the purchase order application when using evaluated receipt settlement (ERS) and in this instance, it is not necessary to perform the separate integration described in these chapters.

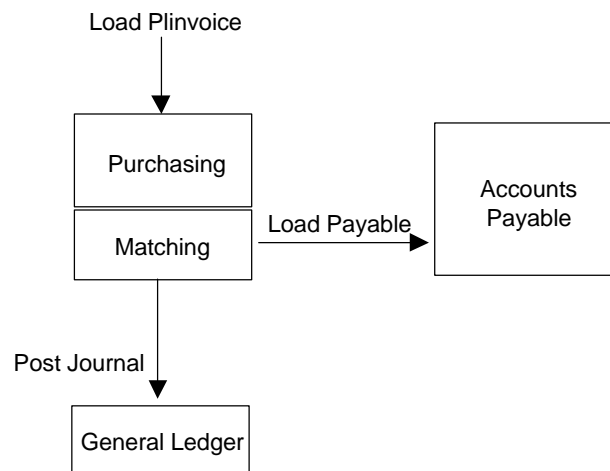
When matching takes place in the accounts payable application, the purchasing application must inform the accounts payable application of the purchasing transactions (purchase orders, goods receiving notes and inspection tickets) to which the invoice (in accounts payable) is to be matched.

These integration scenarios have been developed for document matching to occur at the line level within the PO document and the Invoice document. This may be a one to one relationship, or it may be a many to one relationship from Invoice to PO or from the PO to the Invoice. Charges not associated with a specific Invoice line match be matched individually.

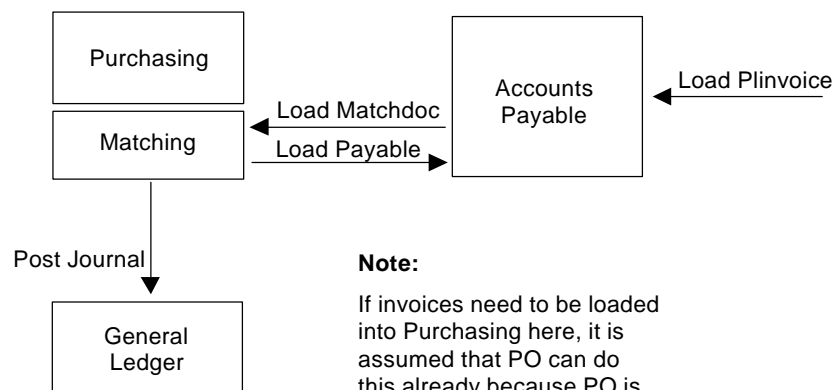
The LOAD MATCHDOC BSR is for use both by the accounts payable application and the purchasing application in exchanging the transactions that are required to be matched.

Discussed in later chapters are the UPDATE MATCHOK and UPDATE MATCHFAIL. The purpose of UPDATE MATCHOK is for the accounts payable application to send successful matching notification to a purchasing application. UPDATE MATCHFAIL is used to notify the purchasing application of a matching failure.

In the model below, invoice matching functionality exists in the purchasing application and the invoice is entered into purchasing.



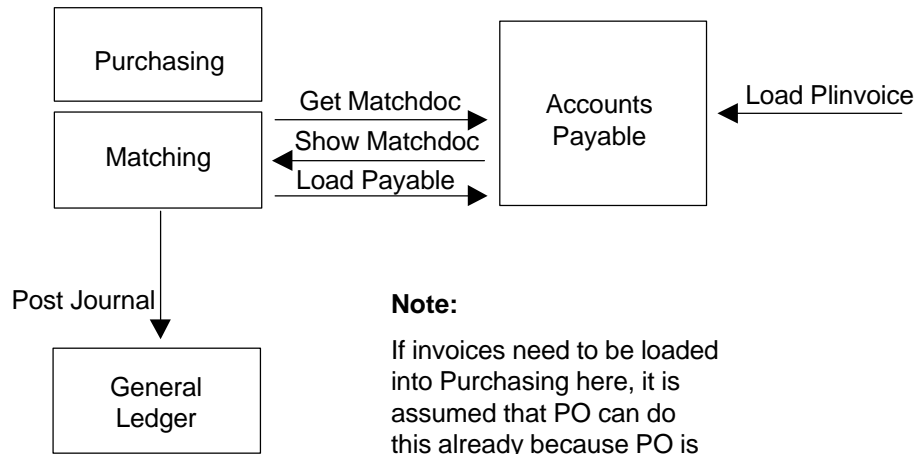
In the model below, invoice matching functionality exists in the purchasing application, the invoice is entered into accounts payable, and accounts payable publishes invoice information to which purchasing subscribes.



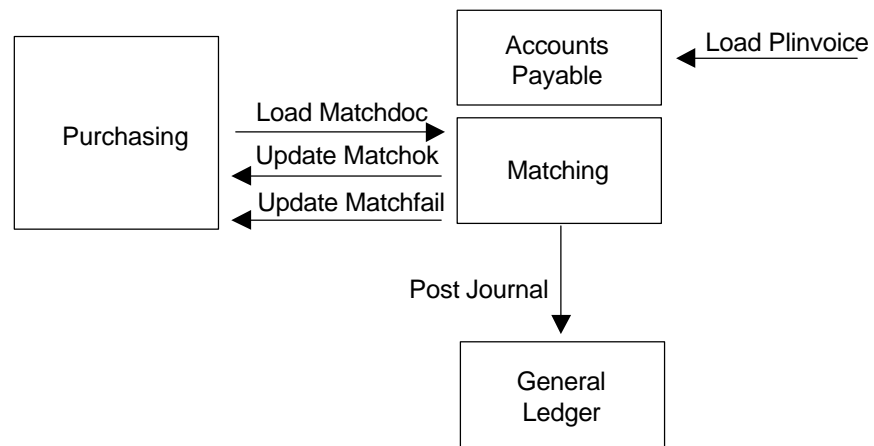
Note:

If invoices need to be loaded into Purchasing here, it is assumed that PO can do this already because PO is built to do matching.

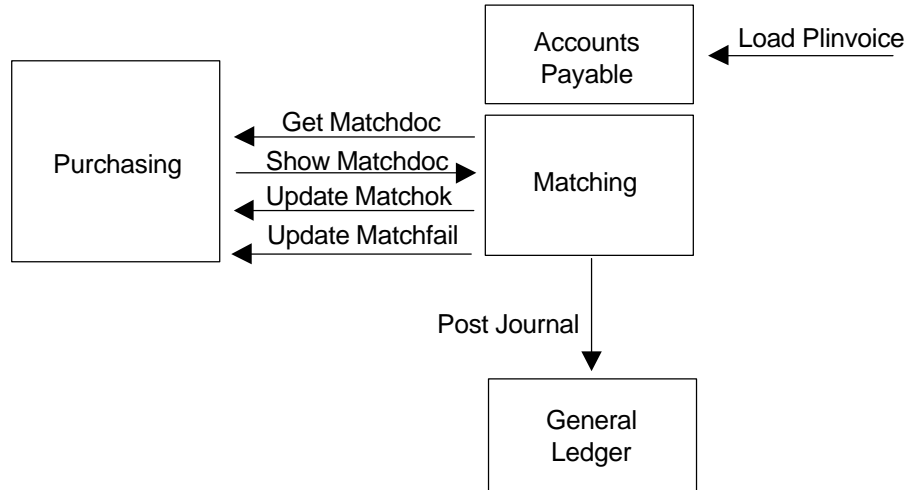
In the model below, invoice matching functionality exists in the purchasing application, the invoice is entered into accounts payable, purchasing requests invoice information and accounts payable provides invoice information.



In the model below, invoice matching functionality exists in the accounts payable application, the invoice is entered into accounts payable, and purchasing publishes matching document information to which accounts payable subscribes.



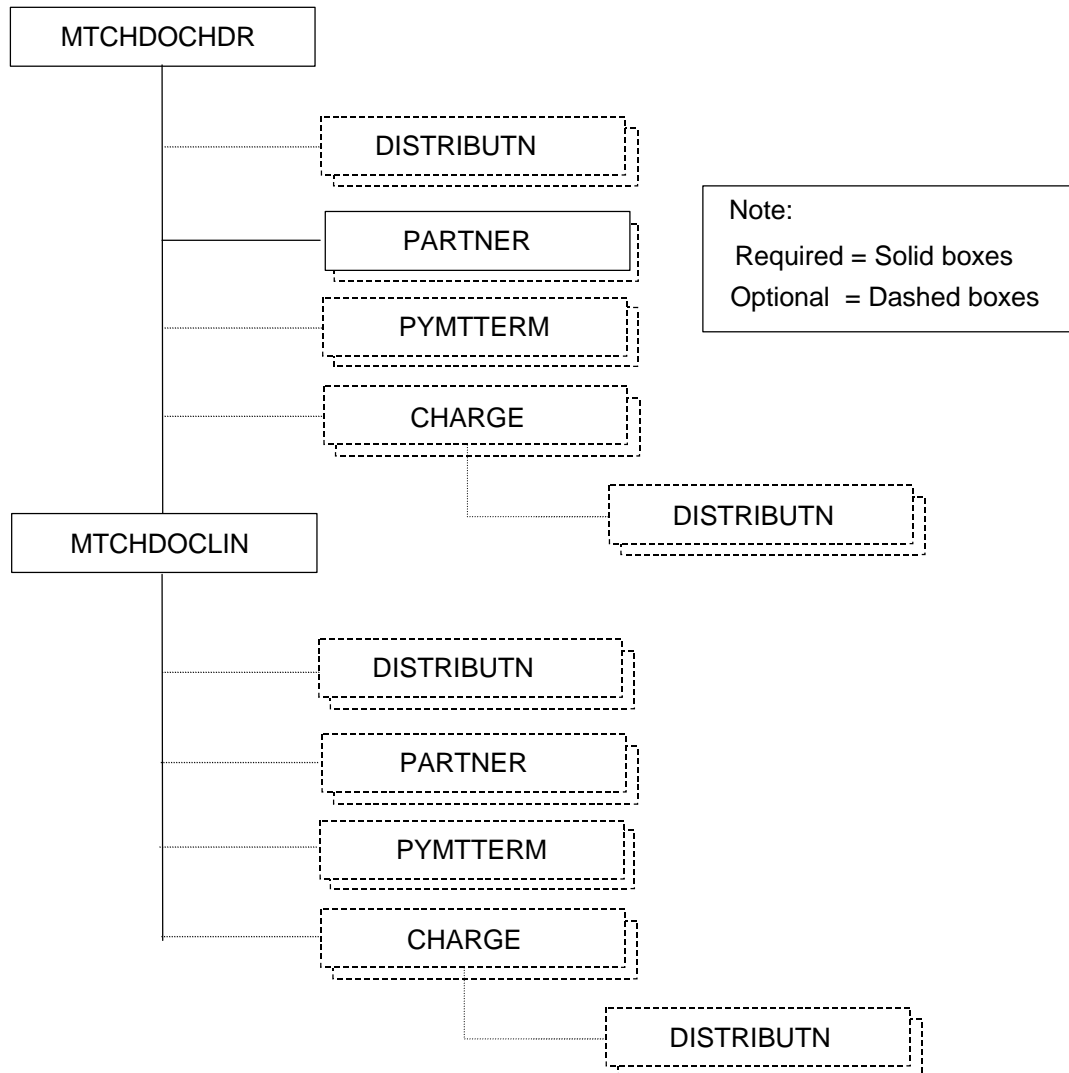
In the model below, invoice matching functionality exists in the accounts payable application, the invoice is entered into accounts payable, purchasing requests matching document information and accounts payable provides matching document information.



When matching takes place in the purchasing application the previously defined LOAD PAYABLE is used to post approved invoices to the accounts payable. The previously defined POST JOURNAL is used to post variances to the general ledger.

73.1 LOAD MATCHDOC

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



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

1. **MTCHDOCHDR** - Information about the Purchase Order, Goods Receipt Note, Inspection Ticket or Supplier Invoice. This Data Type is required.
2. **PARTNER** - Partner information, e.g. name, currency, etc. One occurrence of this Data Type is required for each occurrence of the MTCHDOCHDR Data Type.
3. **CHARGE** - Any miscellaneous charges that are related to the document or business event, such as freight or handling charges. Charges can relate to the transaction as a whole or to individual transaction lines. This Data Type is optional.
4. **DISTRIBUTN** - The accounting distribution list. This can relate to a charge or to one of the individual transaction lines. This Data Type is optional.
5. **PYMTTERM** - Payment terms associated with a document. This Data Type is optional.
6. **MTCHDOCLIN** - The item, product or service line which is to be matched. One occurrence of this Data Type is required for each occurrence of the MTCHDOCHDR Data Type.

73.2 MTCHDOCHDR

The Data Type, "MTCHDOCHDR", is the first Data Type the Business Service Request "LOAD MATCHDOC" uses. It represents the purchase order, goods receipt note, inspection ticket or supplier invoice header.

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

REQUIRED MTCHDOCHDR DATA	
NAME	APPENDIX
MCHDOCID	C
MCHDOCTYPE	C

Processing Notes:

MCHDOCID is not required unless MCHDOCTYPE indicates the document is a Purchase Order. MCHDOCTYPE is a descriptor for MCHDOCID. Values are defined for type in the appendix.

The second table describes data that is optional.

OPTIONAL MTCHDOCHDR DATA	
NAME	APPENDIX
ACCTPERIOD	C
ACCTYEAR	C
AMOUNT(DOCUMENT)(F)	D
AMOUNT(DOCUMENT)(T)	D
CONTRACTB	C
CONTRACTS	C
DATETIME(ACCOUNTING)	D
DATETIME(DOCUMENT)	D
DATETIME(PYMTTERM)	D
DESCRIPTN	C
DOCTYPE	C
GLENTITYS	C
LEDGER	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPRAMTAUTH	C

OPTIONAL MTCHDOCHDR DATA	
NAME	APPENDIX
ORIGREF	C
PAYMETHOD	C
PORELEASE	C
REF1 - REF999	C
REMITTANCE	C
USERAREA	C

73.3 PARTNER

The Data Type “**PARTNER**” represents the business partner. For each MTCHDOCHDR, it is required to have one and only occurrence of the PARTNER Data Type to represent the business partner (**Supplier**) with which the goods or services are associated.

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
PARTNRID	C
PARTNRTYPE	C

The second table describes data that is optional.

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

73.4 CHARGE

The Data Type “**CHARGE**” represents the charges related to the goods or services represented by line items. The CHARGE is an optional Data Definition Area.

Charge usage is further defined by its position in the LOAD MATCHDOC. For example, charges that follow the MTCHDOCHDR Data Type or each MTCHDOCLIN Data Type are implied to be associated with that MTCHDOCHDR or MTCHDOCLIN Data Type.

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

REQUIRED CHARGE DATA	
NAME	APPENDIX
CHARGEID	C
OPERAMT(EXTENDED)(T)	D

The second table describes data that is optional.

OPTIONAL CHARGE DATA	
NAME	APPENDIX
CHGLINENUM	C
DESCRIPTN	C
USERAREA	C

73.5 DISTRIBUTN

The Data Type, “**DISTRIBUTN**”, is the Data Type the Business Service Request “**LOAD MATCHDOC**” uses to describe accounting distribution. The **DISTRIBUTN** is an optional Data Definition Area.

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

REQUIRED DISTRIBUTN DATA	
NAME	APPENDIX
GLENTITYS	C
GLNOMACCT	C

The second table describes data that is optional.

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

73.6 PYMTTERM

The Data Type “**PYMTTERM**” represents the payment due dates and payment discount information. The PYMTTERM is an optional Data Type for the LOAD MATCHDOC.

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

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

73.7 MTCHDOCLIN

The Data Type, “**MTCHDOCLIN**”, is a Data Type the Business Service Request “**LOAD MATCHDOC**” uses. There is one occurrence of the MTCHDOCLIN Data Type for each item, product or service line which will be matched.

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

REQUIRED MTCHDOCLIN DATA	
NAME	APPENDIX
AMOUNT(EXTENDED)(T)	D
MCHLINENUM	C
QUANTITY(ITEM)	D

Processing Notes: Either AMOUNT(EXTENDED)(T) or QUANTITY(ITEM) is required. Further, in addition to the required MTCHDOCLIN data in the above table, at least one of the following fields is also required:

- 1) ITEM or,
- 2) DESCRIPTN or,
- 3) ITEMX or,
- 4) UPC or,
- 5) Any of the above combinations.

The second table describes data that is optional.

OPTIONAL MTCHDOCLIN DATA	
NAME	APPENDIX
AMOUNT(EXTENDED)(F)	D
AMOUNT(TAXBASE)(F)	D
AMOUNT(TAXBASE)(T)	D
CHARGEID	C
DESCRIPTN	C
DRAWING	C
EMPCATEGORY	C
EMPLOYEEID	C
GLENTITYD	C
GLNOMACCT	C
HAZRDMATL	C
ITEM	C
ITEMRV	C
ITEMRVX	C
ITEMTYPE	C
ITEMX	C
MATCHTYPE	C
NOTES	C
OPENITEM	C
OPERAMT(UNIT)(F)	D
OPERAMT(UNIT)(T)	D
PACKING	C
POID	C
PORELEASE	C
PRODCLINE	C
PRODORDID	C
QUANTITY(OPEN)	D
QUANTITY(ORDERED)	D
QUANTITY(RECEIVED)	D
REF1 - REF999	C

OPTIONAL MTCHDOCLIN DATA	
NAME	APPENDIX
TAXCODE	C
TAXLINE	C
TAXWHEXMPT	C
UPC	C
USERAREA	C
WORKORDER	C