

77. GET MATCHDOC - REVISION 003

77.0 Overview

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

The purpose of the GET MATCHDOC Business Service Request is to enable a business application module to request information concerning invoice matching from another business application. The reply to this BSR is the SHOW MATCHDOC.

This BSR does not usually cause updates to occur. There are several possible business applications in several environments that may use this capability. The description and the pictures below visualize the possible use of this BSR.

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

Note: 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 purchasing application may have to request the accounts payable application to provide the supplier invoice to which purchasing transactions (purchase orders, goods receiving

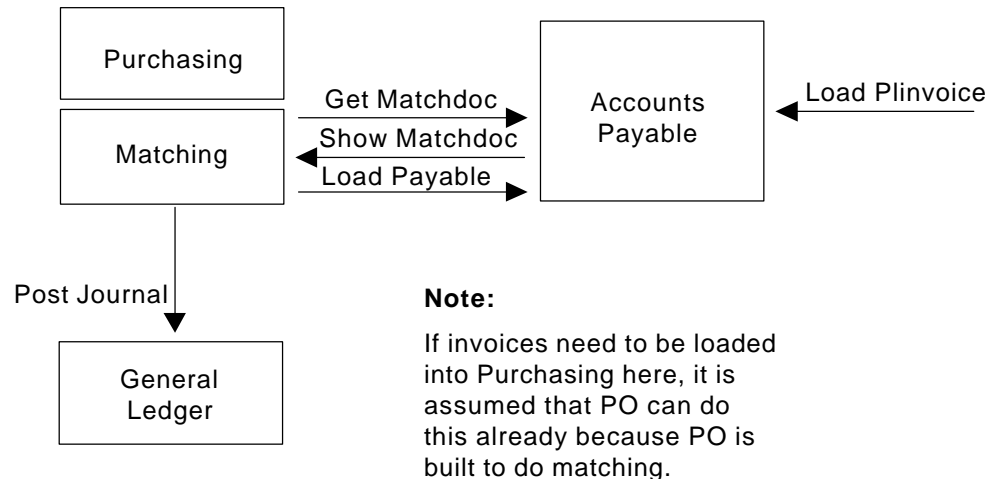
notes and inspection tickets) are to be matched. This is the generally the situation when the invoice is initially entered into the accounts payable application.

Note that in some situations, accounts payable will send invoices to the purchasing application unsolicited. In others, 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.

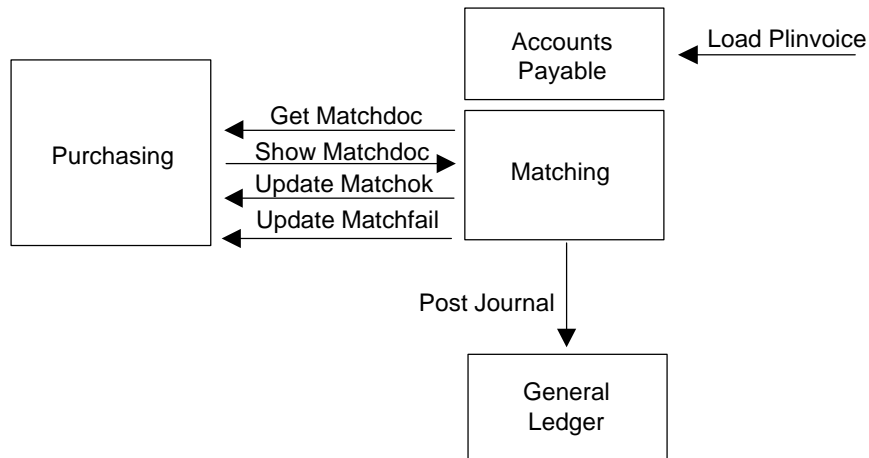
When matching takes place in the accounts payable application, the purchasing application must inform the accounts payable application of the purchasing transactions (purchase orders, goods receiving notes and inspection tickets) to which the invoice (in accounts payable) is to be matched. Alternatively,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

The purpose of the GET MATCHDOC is to enable both the accounts payable application and the purchasing application to request the transactions that are required to be matched. In both cases, the receiving application will use the SHOW MATCHDOC to return the requested information.

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, purchasing requests matching document information and accounts payable provides matching document information.

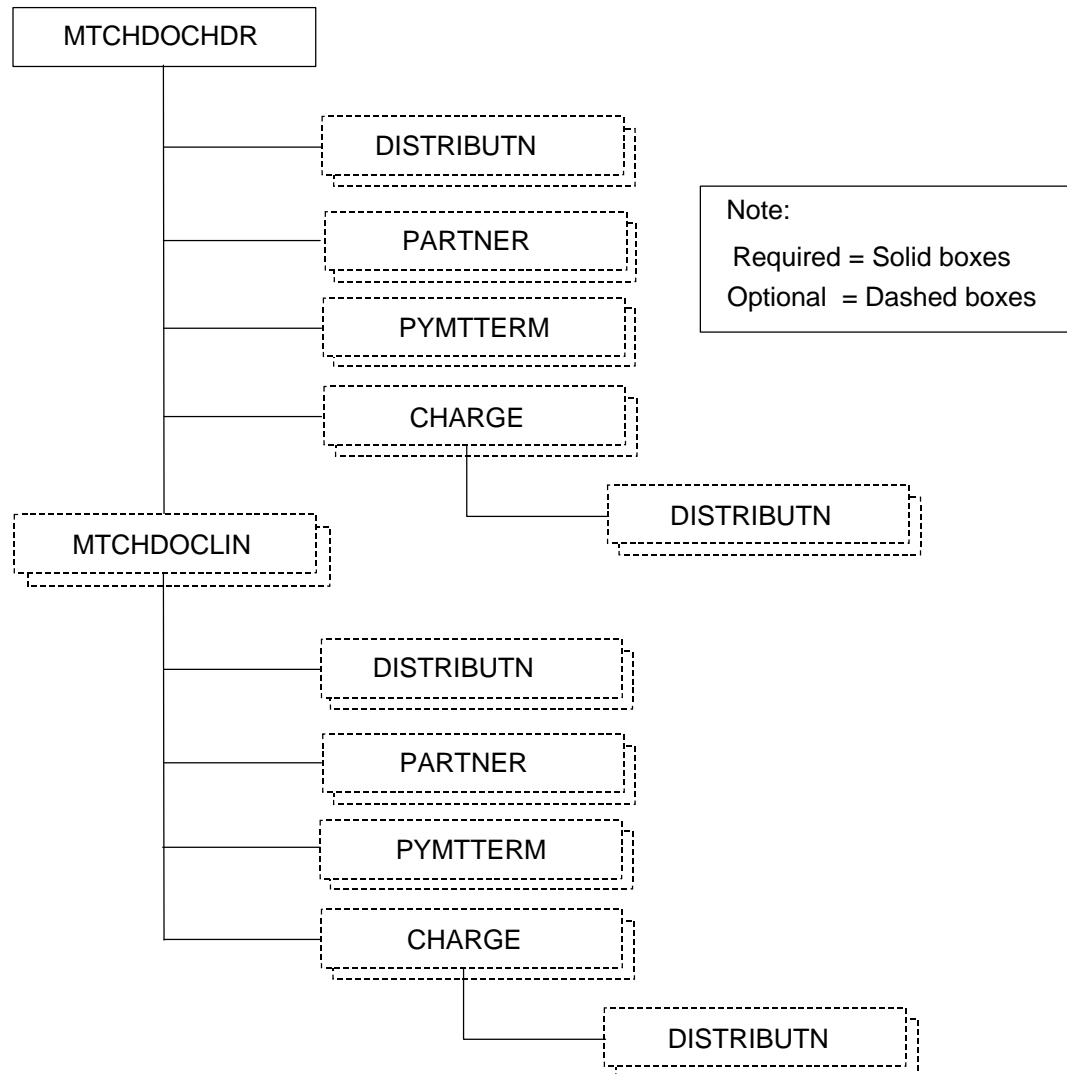


When matching takes place in the purchasing application the previously defined LOAD PAYABLE is used to post approved invoices to the accounts payable. The previously defined POST JOURNAL is used to post variances to the general ledger.

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.

77.1 GET MATCHDOC

The GET MATCHDOC Business Object Document consists of the following components:



The Business Service Request GET MATCHDOC uses several Data Types:

1. **MTCHDOCHDR** - Information about the Purchase Order, Goods Receipt Note, Inspection Ticket or Supplier Invoice. This Data Type is required.
2. **DISTRIBUTN** - The accounting distribution list. This can relate to a charge or to one of the individual transaction lines. This Data Type is optional.
3. **PARTNER** - Partner information, e.g. name, currency, etc. This Data Type is optional.

4. **PYMTTERM** - Payment terms associated with a document. This Data Type is optional.
5. **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.
6. **MTCHDOCLIN** - The item, product or service line which is to be matched. This Data Type is optional.

77.2 MTCHDOCHDR

The Data Type, "MTCHDOCHDR", is the first Data Type the Business Service Request "GET 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 Note:

The MCHDOCID and MCHDOCTYPE Field Identifiers are used as selection fields. These are the only Field Identifier values that should be send in this GET request.

The second table describes data that is optional. These fields are present as an example of what may be returned in the SHOW response.

OPTIONAL MTCHDOCHDR DATA	
NAME	APPENDIX
ACCTPERIOD	C
ACCTYEAR	C
AMOUNT(DOCUMENT)(F)	D
AMOUNT(DOCUMENT)(T)	D
CONTRACTB	C
CONTRACTS	C
DATETIME(ACCOUNTING)	D

OPTIONAL MTCHDOCHDR DATA	
NAME	APPENDIX
DATETIME(DOCUMENT)	D
DATETIME(PYMTTERM)	D
DESCRIPTN	C
DOCTYPE	C
GLENTITYS	C
LEDGER	C
NOTES	C
OPERAMT(EXTENDED)(T)	D
OPRAMTAUTH	C
ORIGREF	C
PAYMETHOD	C
PORELEASE	C
REF1 - REF999	C
REMITTANCE	C
USERAREA	C

77.3 DISTRIBUTN

The Data Type, “**DISTRIBUTN**”, is a Data Type the Business Service Request “**GET MATCHDOC**” uses to describe accounting distribution. This Data Type is optional.

This Data Type is used to identify that the information concerning this Data Type is requested to be returned in the SHOW response. No Field Identifiers can be used to request information in this usage. This is to be coded in the meta data by including the Data Type identifier but no Field Identifiers. The Field Identifiers within each Data Type below are only included to clarify what can be expected to be returned.

There are no required fields for the DISTRIBUTN Data Type.

OPTIONAL DISTRIBUTN DATA	
NAME	APPENDIX
BUSNAREA	C
COSTCENTER	C
DEPARTMENT	C
DIVISION	C
ELEMENT1 - ELEMENT999	C
FUND	C

OPTIONAL DISTRIBUTN DATA	
NAME	APPENDIX
GEOGRAPHY	C
GLENTITYS	C
GLNOMACCT	C
OPERAMT(EXTENDED)(T)	D
PROFITCTR	C
PROJECT	C
UNIT	C
USERAREA	C
WAREHOUSE	C

77.4 PARTNER

The Data Type “**PARTNER**” represents the business partner. This Data Type is optional. Listed are all the Field Identifiers and Segments that are valid for use within the PARTNER Data Type. This Data Type is used to identify that the information concerning this Data Type is requested to be returned in the SHOW response. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier but no Field Identifiers. The Field Identifiers within each Data Type below are only included to clarify what can be expected to be returned.

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

77.5 PYMTTERM

The Data Type “**PYMTTERM**” represents the payment due dates and payment discount information. The PYMTTERM is an optional Data Type for the GET MATCHDOC. Listed are all the Field Identifiers and Segments that are valid for use within the PYMTTERM Data Type.

This Data Type is used to identify that the information concerning this Data Type is requested to be returned in the SHOW response. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier but no Field Identifiers. The Field Identifiers within each Data Type below are only included to clarify what can be expected to be returned.

There are no required fields for 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

77.6 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 CHARGE is an optional Data Definition Area.

Charge usage is further defined by its position in the GET 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.

This Data Type is used to identify that the information concerning this Data Type is requested to be returned in the SHOW response. No Field Identifiers can be used to request information in this usage.

This is to be coded in the meta data by including the Data Type identifier but no Field Identifiers. The Field Identifiers within each Data Type below are only included to clarify what can be expected to be returned.

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

77.7 MTCHDOCLIN

The Data Type, "MTCHDOCLIN", is a Data Type the Business Service Request "GET MATCHDOC" uses. There is one occurrence of the MTCHDOCLIN Data Type for each item, product or service line that will be matched.

This Data Type is used to identify that the information concerning this Data Type is requested to be returned in the SHOW response. Please see the processing notes below for details.

The first table represents required data.

REQUIRED MTCHDOCLIN DATA	
NAME	APPENDIX
MCHLINENUM	C

Processing Notes:

In the case where a specific MTCHDOCLIN is required, this Data Type can be used to request one or more specific lines. This is done in the following way:

For each specific line requested, an occurrence of this Data Type and a specific value or set of values representing the required Field Identifiers must be sent. This must be done for each MTCHDOCLIN Data Type requested.

If all lines are requested, the Data Type identifier is included, but no Field Identifiers are included. The response in this case is all lines for the specific sales order.

If no lines are requested, then this Data Type is not included.

The second table describes data that is optional. This is only used to identify what data may be returned in the SHOW response. These are not selection fields.

OPTIONAL MTCHDOCLIN DATA	
NAME	APPENDIX
AMOUNT(EXTENDED)(F)	D
AMOUNT(EXTENDED)(T)	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(ITEM)	D
QUANTITY(OPEN)	D

OPTIONAL MTCHDOCLIN DATA	
NAME	APPENDIX
QUANTITY(ORDERED)	D
QUANTITY(RECEIVED)	D
REF1 - REF999	C
TAXCODE	C
TAXWHEXMPT	C
UPC	C
USERAREA	C
WORKORDER	C