



## Business Message Documentation

Application Type	<b>EDI Business Message (EBM)</b>
M3 version	<b>BE15</b>
M3 Business Message	<b>RA - Receipt Advice</b>
Message Direction	<b>Inbound</b>
Message Application	<b>X12 944 4010</b>

Map name	<b>M3BE15_RA_In_X12_944_4010</b>
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Source file	M3BE15_RA_In_X12_944_4010_MIG_v1.pdf
Created	2013-06-13 15:40



## Introduction

This document is a Message Implementation Guideline (MIG) for an EDI Business Message (EBM) used in Infor's enterprise application, M3. It defines in detail the collaboration logic between an EDI message specification and the M3 system. This logic is implemented in an EBM, which is a component in the M3 EDI solution.

The MIG supplied by Infor is usually based on a standard MIG from an EDI implementation standardization organization such as EANCOM, Odette or VICS, and is a subset of the standard MIG, based on the business functionality in M3.

This document consists of two major sections: Elements Used and Element Documentation. The section Elements Used provides an overall view of all EDI elements used in this MIG. The section Element Documentation provides detailed specifications of each and every group, segment, composite and element implemented in the EBM. The element information is presented in the order in which the elements are defined in the standard EDI message.



## Elements Used

This section contains a summary of all elements used in this message application, that is, the elements that have documentation attached. Group number, segment name, composite name (if applicable), element name and description are provided for these elements. The elements are listed in message structure order.

Group	Segment	Composite /Element	Element	Description
0 M 1				
	G62 C 5		0176 C 0337 C 0373 C 0432 C	G62 - Date/Time Time Qualifier Time Date Date Qualifier
	SE M 1		0096 M	SE - Transaction Set Trailer Number of Included Segments
	ST M 1		0143 M	ST - Transaction Set Header Transaction Set Identifier Code
	W17 M 1		0285 C 0337 C 0373 M 0514 M	W17 - Warehouse Receipt Identification Depositor Order Number Time Date Reporting Code
1 C 10				Loop Id N1
	N1 M 1		0067 C 0098 M	N1 - Name Identification Code Entity Identifier Code
2 C 9999				Loop Id W07
	N9 C 200		0127 C	N9 - Reference Identification Reference Identification



Group	Segment	Composite /Element	Element	Description
2 C 9999				Loop Id W07
	N9 C 200		0128 M	N9 - Reference Identification Reference Identification Qualifier
	W07 M 1		0234 C	W07 - Item Detail For Stock Receipt Product/Service ID
			0235 C	Product/Service ID Qualifier
			0413 M	Quantity Received



## Element Documentation

This section is based on the same structure as the section Elements Used, but here you see all the available descriptions, sequence numbers (in the complete message) for segments and elements (within parentheses). It also includes M3 application documentation and the XPath for the corresponding XML element (XML is one of the technologies that is used for EBM applications), which specifies the position of the element in the message structure. M3 application documentation, as well as the corresponding XPath, can exist on a group, segment, composite and/or element level. Most common is the element level.

M3 application documentation consists of three sections: M3 Application Description, M3 Application Data Translation and M3 Application Specification.

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### **M3 Application Description**

This section provides a general description in “business process language” and describes how the element is used in relation to the M3 logic, for example, which qualifiers are used and which M3 data is used.

### **M3 Application Data Translation**

This section specifies whether or not the data can be translated between M3 and the message. Data translation is used, for example, to translate unit of measure ("STK" to "PCS"), currency codes ("PND" to "GBP") and qualifiers ("BY" to "BU"). Data translations are managed by the M3 program "Business Message Data Translation. Display" (CRS881) and the program "Business Message Data. Translate" (CRS882). The key used in (CRS881) for the element's data translation is provided.

### **M3 Application Specification**

This section contains the specification that constitutes the base for the EBM. It describes whether the element uses data from or transfers data to a M3 API, uses calculated data and/or fixed data. It also describes how and when to make the M3 API calls, which input and output fields to use, etc. Additional information may also be given, such as conditions or notes to clarify specific logic used.

Taken together, the sections M3 Application Description and M3 Application Specification define the functionality of the EBM.

Group: 0	M 1	Segment Group: 0
Segment: <b>G62</b> 0176	<b>C 5</b> C AN 2 <b>M3 Application Description</b> 'W' = Effective <b>M3 Application Specification</b> Fixed data: "W" <b>XPath</b> X12944/G62/e03_0176	G62 - Date/Time Time Qualifier
0337	C AN 8 <b>M3 Application Description</b> Time as Time generated <b>M3 Application Specification</b> Condition: e03_0176 equals "W" and e01_0432 equals "07" API dataMI program: MHS850MI Transaction: AddDORceipt Field: GETM <b>XPath</b> X12944/G62/e04_0337	Time
0373	C AN 8 <b>M3 Application Description</b> Date as Date generated <b>M3 Application Specification</b> Condition: e01_0432 equals "07" API dataMI program: MHS850MI Transaction: AddDORceipt Field: GEDT <b>XPath</b> X12944/G62/e02_0373	Date
0432	C AN 2 <b>M3 Application Description</b> '07' = Effective <b>M3 Application Specification</b> Fixed data: "07" <b>XPath</b> X12944/G62/e01_0432	Date Qualifier

Group: 0	M 1	Segment Group: 0
Segment: <b>SE</b> 0096	<b>M 1</b> M NO 10 <b>M3 Application Specification</b> Condition: g000/W17/e04_0285 not equals blank Add UserFunction Manifest_Update setManifestInfo("map:keyField1", "CONO"); setManifestInfo("map:keyValue1", CONO); setManifestInfo("map:keyField2", "DIVI"); setManifestInfo("map:keyValue2", DIVI); setManifestInfo("map:keyField3", "RIDN"); setManifestInfo("map:keyValue3", RIDN); Value from g000/W17/e04_0285 setManifestInfo("map:keyField4", "WHLO"); setManifestInfo("map:keyValue4", WHLO); setManifestInfo("map:keyField5", "TWHL"); setManifestInfo("map:keyValue5", TWHL);  <b>XPath</b> X12944/SE/e01_0096	SE - Transaction Set Trailer Number of Included Segments
Segment: <b>ST</b> 0143	<b>M 1</b> M AN 3 <b>M3 Application Description</b> '944' = Warehouse Stock Transfer Receipt Advice <b>M3 Application Specification</b> Fixed data: "944"  API Call: MHS850MI/GetUserInfo Outputfield ZDCONO: CONO Outputfield ZDDIVI: DIVI  <b>XPath</b> X12944/ST/e01_0143	ST - Transaction Set Header Transaction Set Identifier Code





Group: 0	M 1	Segment Group: 0
Segment: W17	M 1	W17 - Warehouse Receipt Identification
0285	C AN 2222	Depositor Order Number
	<b>M3 Application Description</b> Depositor Order Number as Order Number	
	<b>M3 Application Specification</b>  API dataMI program: MHS850MI Transaction: AddDORceipt Field: RIDN	
	<b>XPath</b> X12944/W17/e04_0285	
0337	C AN 8	Time
	<b>M3 Application Description</b> Date as Reporting Time	
	<b>M3 Application Specification</b>  API dataMI program: MHS850MI Transaction: AddDORceipt Field: RPTM	
	<b>XPath</b> X12944/W17/e07_0337	
0373	M AN 8	Date
	<b>M3 Application Description</b> Date as Reporting date	
	<b>M3 Application Specification</b>  API dataMI program: MHS850MI Transaction: AddDORceipt Field: RPDT	
	<b>XPath</b> X12944/W17/e02_0373	



Group: 0	M 1	Segment Group: 0
Segment: <b>W17</b>	<b>M 1</b>	W17 - Warehouse Receipt Identification
0514	M AN 1	Reporting Code
	<b>M3 Application Description</b>	
	'F' = Full detail or 'J' = Original Transaction	
	<b>M3 Application Specification</b>	
	Fixed data: "F" or "J"	
	Condition: if e01_0514 not equals "F" or "J" terminate the map	
	<b>M3 Data Translation</b>	
	Message standard: "X12"Version: "4010" Message: "944" Parent elements: "g000/W17" Data element: "e01_0514" Movex table: "" Movex field: ""	
	<b>XPath</b>	
	X12944/W17/e01_0514	

Group: 1	C 10	Segment Group: 1
Segment: <b>N1</b>	<b>M 1</b>	N1 - Name
0067	C AN 80	Identification Code
	<b>M3 Application Description</b> Identification code as Partner or Warehouse or From warehouse	
	<b>M3 Application Specification</b> Condition: e01_0098 equals "WH" API dataMI program: MHS850MI Transaction: AddDORceipt Field: WHLO	
	Condition: e01_0098 equals "SF" API dataMI program: MHS850MI Transaction: AddDORceipt Field: TWHL	
	Condition: e01_0098 equals "DE" API dataMI program: MHS850MI Transaction: AddDORceipt Field: E0PA	
	<b>M3 Data Translation</b> Condition:e01_0098 equals "WH" Message standard: "X12" Version: "4010" Message: "944" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "WH" Movex table: "MITWHL" Movex field: "MWWHLO"	
	Condition:e01_0098 equals "SF" Message standard: "X12" Version: "4010" Message: "944" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "SF" Movex table: "MITWHL" Movex field: "MWWHLO"	
	<b>XPath</b> <i>X12944/LOOP_N1_g001/N1/e04_0067</i>	
0098	M AN 3	Entity Identifier Code
	<b>M3 Application Description</b> 'WH' = Warehouse 'DE' = Depositor 'SF' = Ship from	
	<b>M3 Application Specification</b> Condition: e04_0067 not equal to blank Fixed data: "WH" or "DE" or "SF"	
	<b>XPath</b> <i>X12944/LOOP_N1_g001/N1/e01_0098</i>	



Group: 2	C 9999	Segment Group: 2
Segment: <b>N9</b> 0127	<b>C 200</b> C AN 30 <b>M3 Application Description</b> Reference Identification as Order number or Order line or Order Index or Picking list suffix or Lot number or Location number <b>M3 Application Specification</b> Condition: e01_0128 equals "PO" Note ! use g002/N9/e02_0127 prior to g000/W17/e04_0285 API dataMI program: MHS850MI Transaction: AddDORceipt Field: RIDN  Condition: e01_0128 equals "LI" API dataMI program: MHS850MI Transaction: AddDORceipt Field: RIDL  Condition: e01_0128 equals "PS" API dataMI program: MHS850MI Transaction: AddDORceipt Field: RIDI  Condition: e01_0128 equals "PK" API dataMI program: MHS850MI Transaction: AddDORceipt Field: PLSX  Condition: e01_0128 equals "LU" API dataMI program: MHS850MI Transaction: AddDORceipt Field: WHSL  Condition: e01_0128 equals "LT" API dataMI program: MHS850MI Transaction: AddDORceipt Field: BANO  After each occurrence of Loop W07 g002 API call: MHS850MI/AddDORceipt Input field CONO: MHS850MI/GetUserinfo Output Field: CONO Input field PRFL: Fixed data "**EXE" Input field E065: Fixed data "944" Note ! Type equals NOK = Ignore <b>XPath</b> X12944/LOOP_W07_g002/N9/e02_0127	N9 - Reference Identification Reference Identification



Group: 2	C 9999	Segment Group: 2
Segment: <b>N9</b> 0128	<b>C 200</b> M AN 3 <b>M3 Application Description</b> 'PO' = Purchase Order number 'LI' = Line item identifier 'PS' = Purchase Order number Suffix 'PK' = Packing List Number 'LU' = Location number 'LT' = Lot number <b>M3 Application Specification</b> Fixed data: "PO" or "LI" or "PS" or "PK" or "LU" or "LT" <b>XPath</b> <i>X12944/LOOP_W07_g002/N9/e01_0128</i>	N9 - Reference Identification Reference Identification Qualifier



Group: 2	C 9999	Segment Group: 2
Segment: <b>W07</b>	<b>M 1</b>	W07 - Item Detail For Stock Receipt
0234	C AN 48	Product/Service ID
	<b>M3 Application Description</b>	
	Product/Service ID as item number or Alias number	
	<b>M3 Application Specification</b>	
	Condition: e04_0235 equals "VN"	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: ITNO	
	Condition: e04_0235 equals "EN"	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: POPN	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWT = "02"	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWQ = "EA13"	
	Condition: e04_0235 equals "UP"	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: POPN	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWT = "02"	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWQ = "UPC"	
	Condition: e04_0235 equals "IN"	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: POPN	
	API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWT = "06"	
	<b>XPath</b>	
	X12944/LOOP_W07_g002/W07/e05_0234	

Group: 2	C 9999	Segment Group: 2
Segment: <b>W07</b>	<b>M 1</b>	W07 - Item Detail For Stock Receipt
0234	C AN 48	Product/Service ID
	<b>M3 Application Description</b> Product/Service ID as item number or Alias number	
	<b>M3 Application Specification</b> Condition: e06_0235 equals "VN" API dataMI program: MHS850MI Transaction: AddDORceipt Field: ITNO	
	Condition: e06_0235 equals "EN" API dataMI program: MHS850MI Transaction: AddDORceipt Field: POPN API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWT = "02" API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWQ = "EA13"	
	Condition: e06_0235 equals "UP" API dataMI program: MHS850MI Transaction: AddDORceipt Field: POPN API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWT = "02" API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWQ = "UPC"	
	Condition: e06_0235 equals "IN" API dataMI program: MHS850MI Transaction: AddDORceipt Field: POPN API dataMI program: MHS850MI Transaction: AddDORceipt Field: ALWT = "06"	
	<b>XPath</b> <i>X12944/LOOP_W07_g002/W07/e07_0234</i>	
0235	C AN 2	Product/Service ID Qualifier
	<b>M3 Application Description</b> 'VN' = Vendor's item number 'EN' = European Article Number 'UP' = UPC Consumer Package Code 'IN' = Buyers Item number	
	<b>M3 Application Specification</b> Fixed data: "VN" or "EN" or "UP" or "IN"	
	<b>XPath</b> <i>X12944/LOOP_W07_g002/W07/e04_0235</i>	



Group: 2	C 9999	Segment Group: 2
Segment: <b>W07</b>	<b>M 1</b>	W07 - Item Detail For Stock Receipt
0235	C AN 2	Product/Service ID Qualifier
	<b>M3 Application Description</b> 'VN' = Vendor's item number 'EN' = European Article Number 'UP' = UPC Consumer Package Code 'IN' = Buyers Item number	
	<b>M3 Application Specification</b> Fixed data: "VN" or "EN" or "UP" or "IN"	
	<b>XPath</b> X12944/LOOP_W07_g002/W07/e04_0235	
	<b>XPath</b> X12944/LOOP_W07_g002/W07/e06_0235	
0413	M N 7	Quantity Received
	<b>M3 Application Description</b> Quantity Recived as Quantity received	
	<b>M3 Application Specification</b> API dataMI program: MHS850MI Transaction: AddDORceipt Field: QTY	
	<b>XPath</b> X12944/LOOP_W07_g002/W07/e01_0413	