



Business Message Documentation

Application Type	EDI Business Message (EBM)
M3 version	BE15
M3 Business Message	DA - Dispatch Advice
Message Direction	Inbound
Message Application	X12 943 4010

Map name	M3BE15_DA_In_X12_943_4010
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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
	N9 C 10		0127 C 0128 M	N9 - Reference Identification Reference Identification 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
	W06 M 1		0285 C 0306 C 0373 C 0514 M	W06 - Warehouse Shipment Identification Depositor Order Number Action Code Date Reporting Code
1 C 10				Loop Id N1
	N1 M 1		0067 C 0098 M	N1 - Name Identification Code Entity Identifier Code



Group	Segment	Composite /Element	Element	Description
1 C 10				Loop Id N1
2 C 9999				Loop Id W04
	N9 C 200		0127 C	N9 - Reference Identification Reference Identification
			0128 M	Reference Identification Qualifier
	W04 M 1			W04 - Item Detail Total
			0234 C	Product/Service ID
			0235 C	Product/Service ID Qualifier
			0382 M	Number of Units Shipped



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: G62 0176	C 5 C AN 2 M3 Application Description 'W' = Effective M3 Application Specification Fixed data: "W" XPath X12943/G62/e03_0176	G62 - Date/Time Time Qualifier
0337	C AN 8 M3 Application Description Time as Time generated M3 Application Specification Condition: e03_0176 equals "W" and e01_0432 equals "07" API dataMI program: MHS850MI Transaction: AddDOPick Field: GETM XPath X12943/G62/e04_0337	Time
0373	C AN 8 M3 Application Description Date as Date generated M3 Application Specification Condition: e01_0432 equals "07" API dataMI program: MHS850MI Transaction: AddDOPick Field: GEDT XPath X12943/G62/e02_0373	Date
0432	C AN 2 M3 Application Description '07' = Effective M3 Application Specification Fixed data: "07" XPath X12943/G62/e01_0432	Date Qualifier

Group: 0	M 1	Segment Group: 0
Segment: N9 0127	C 10 C AN M3 Application Description Reference Identification as Picking List suffix or Order Index M3 Application Specification Condition: e01_0128 equals "PK" API dataMI program: MHS850MI Transaction: AddDOPick Field: PLSX Condition: e01_0128 equals "DO" API dataMI program: MHS850MI Transaction: AddDOPick Field: RIDI XPath X12943/N9/e02_0127	N9 - Reference Identification Reference Identification
0128	M AN 3 M3 Application Description 'PK' = Packing List Number or 'DO' Delivery order number M3 Application Specification Fixed data: "PK" or "DO" XPath X12943/N9/e01_0128	Reference Identification Qualifier
Segment: SE 0096	M 1 M NO 10 M3 Application Specification Condition: g000/W06/e02_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/W06/e02_0285 setManifestInfo("map:keyField4", "WHLO"); setManifestInfo("map:keyValue4", WHLO); XPath X12943/SE/e01_0096	SE - Transaction Set Trailer Number of Included Segments



Group: 0	M 1	Segment Group: 0
Segment: ST 0143	M 1 M AN 3 M3 Application Description '943' = Warehouse Stock Transfer Shipment Advice M3 Application Specification Fixed data: "943" API Call: MHS850MI/GetUserInfo Outputfield ZDCONO: CONO Outputfield ZDDIVI: DIVI XPath X12943/ST/e01_0143	ST - Transaction Set Header Transaction Set Identifier Code
Segment: W06 0285	M 1 C AN 22 M3 Application Description Depositor Order Number as Order Number M3 Application Specification API dataMI program: MHS850MI Transaction: AddDOPick Field: RIDN XPath X12943/W06/e02_0285	W06 - Warehouse Shipment Identification Depositor Order Number
0306	C AN 2 M3 Application Description '51' = Complete M3 Application Specification Condition: if e12_0306 equals "51" API dataMI program: MHS850MI Transaction: AddDOPick Field: OEND = Fixed data "1" else API dataMI program: MHS850MI Transaction: AddDOPick Field: OEND = Fixed data "0" M3 Data Translation Message standard: "X12"Version: "4010" Message: "943" Parent elements: "g000/W06" Data element: "e12_0306" Movex table: "" Movex field: "" XPath X12943/W06/e12_0306	Action Code

Group: 0	M 1	Segment Group: 0
Segment: W06	M 1	W06 - Warehouse Shipment Identification
0306	C AN 2	Action Code
	M3 Application Description '51' = Complete	
	M3 Application Specification Condition: if e12_0306 equals "51" API dataMI program: MHS850MI Transaction: AddDOPick Field: OEND = Fixed data "1" else API dataMI program: MHS850MI Transaction: AddDOPick Field: OEND = Fixed data "0"	
	M3 Data Translation Message standard: "X12"Version: "4010" Message: "943" Parent elements: "g000/W06" Data element: "e12_0306" Movex table: "" Movex field: ""	
	XPath <i>X12943/W06/e12_0306</i>	
0373	C AN 8	Date
	M3 Application Description Date as Reporting date	
	M3 Application Specification API dataMI program: MHS850MI Transaction: AddDOPick Field: RPDT	
	XPath <i>X12943/W06/e03_0373</i>	
0514	M AN 1	Reporting Code
	M3 Application Description 'F' = Full detail or 'J' = Original Transaction	
	M3 Application Specification Fixed data: "F" or "J" Condition: if e01_0514 not equals "F" or "J" terminate the map	
	M3 Data Translation Message standard: "X12"Version: "4010" Message: "943" Parent elements: "g000/W06" Data element: "e01_0514" Movex table: "" Movex field: ""	
	XPath <i>X12943/W06/e01_0514</i>	

Group: 0	M 1	Segment Group: 0
Segment: W06	M 1	W06 - Warehouse Shipment Identification
0514	M AN 1	Reporting Code
	M3 Application Description 'F' = Full detail or 'J' = Original Transaction	
Group: 1	C 10	Segment Group: 1
Segment: N1	M 1	N1 - Name
0067	C AN 80	Identification Code
	M3 Application Description Identification code as Partner or Warehouse	
	M3 Application Specification Condition: e01_0098 equals "WH" API dataMI program: MHS850MI Transaction: AddDOPick Field: WHLO	
	Condition: e01_0098 equals "DE" API dataMI program: MHS850MI Transaction: AddDOPick Field: E0PA	
	M3 Data Translation Condition:e01_0098 equals "WH" Message standard: "X12" Version: "4010" Message: "943" 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 "DE" Message standard: "X12" Version: "4010" Message: "943" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "DE" Movex table: "" Movex field: ""	
	XPath <i>X12943/LOOP_N1_g001/N1/e04_0067</i>	
0098	M AN 3	Entity Identifier Code
	M3 Application Description 'WH' = Warehouse 'DE' = Depositor	
	M3 Application Specification Fixed data: "WH" or "DE"	
	XPath <i>X12943/LOOP_N1_g001/N1/e01_0098</i>	

Group: 2	C 9999	Segment Group: 2
Segment: N9 0127	C 200 C AN 30 M3 Application Description Reference Identification as Order number or Order line or Order Index or Picking list suffix M3 Application Specification Condition: e01_0128 equals "PO" Note ! use g002/N9/e02_0127 prior to g000/W06/e02_0285 API dataMI program: MHS850MI Transaction: AddDOPick Field: RIDN Condition: e01_0128 equals "LI" API dataMI program: MHS850MI Transaction: AddDOPick Field: RIDL Condition: e01_0128 equals "DO" API dataMI program: MHS850MI Transaction: AddDOPick Field: RIDI Condition: e01_0128 equals "LT" API dataMI program: MHS850MI Transaction: AddDOPick Field: BANO After each occurrence of Loop W04 g002 API call: MHS850MI/AddDOPick Input field CONO: MHS850MI/GetUserinfo Output Field: CONO Input field PRFL: Fixed data "**EXE" Input field E065: Fixed data "943" Note ! Type equals NOK = Ignore XPath <i>X12943/LOOP_W04_g002/N9/e02_0127</i>	N9 - Reference Identification Reference Identification
0128	M AN 3 M3 Application Description 'PO' = Purchase Order number 'LI' = Line item identifier 'DO' = Delivery order number 'PK' = Packing List Number M3 Application Specification Fixed data: "PO" or "LI" or "DO" or "PK" XPath <i>X12943/LOOP_W04_g002/N9/e01_0128</i>	Reference Identification Qualifier



Group: 2	C 9999	Segment Group: 2
Segment: W04 0234	M 1 C AN 48 M3 Application Description Product/Service ID as item number or Alias number M3 Application Specification Condition: e04_0235 equals "VN" API dataMI program: MHS850MI Transaction: AddDOPick Field: ITNO Condition: e04_0235 equals "EN" API dataMI program: MHS850MI Transaction: AddDOPick Field: POPN API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWT = "02" API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWQ = "EA13" Condition: e04_0235 equals "UP" API dataMI program: MHS850MI Transaction: AddDOPick Field: POPN API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWT = "02" API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWQ = "UPC" Condition: e04_0235 equals "IN" API dataMI program: MHS850MI Transaction: AddDOPick Field: POPN API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWT = "06" XPath <i>X12943/LOOP_W04_g002/W04/e05_0234</i>	W04 - Item Detail Total Product/Service ID



Group: 2	C 9999	Segment Group: 2
Segment: W04 0234	M 1 C AN 48 M3 Application Description Product/Service ID as item number or Alias number M3 Application Specification Condition: e06_0235 equals "VN" API dataMI program: MHS850MI Transaction: AddDOPick Field: ITNO Condition: e06_0235 equals "EN" API dataMI program: MHS850MI Transaction: AddDOPick Field: POPN API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWT = "02" API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWQ = "EA13" Condition: e06_0235 equals "UP" API dataMI program: MHS850MI Transaction: AddDOPick Field: POPN API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWT = "02" API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWQ = "UPC" Condition: e06_0235 equals "IN" API dataMI program: MHS850MI Transaction: AddDOPick Field: POPN API dataMI program: MHS850MI Transaction: AddDOPick Field: ALWT = "06" XPath <i>X12943/LOOP_W04_g002/W04/e07_0234</i>	W04 - Item Detail Total Product/Service ID
0235	C AN 2 M3 Application Description 'VN' = Vendor's item number 'EN' = European Article Number 'UP' = UPC Consumer Package Code 'IN' = Buyers Item number M3 Application Specification Fixed data: "VN" or "EN" or "UP" or "IN" XPath <i>X12943/LOOP_W04_g002/W04/e04_0235</i>	Product/Service ID Qualifier



Group: 2	C 9999	Segment Group: 2
Segment: W04 0235	M 1 C AN 2 M3 Application Description 'VN' = Vendor's item number 'EN' = European Article Number 'UP' = UPC Consumer Package Code 'IN' = Buyers Item number M3 Application Specification Fixed data: "VN" or "EN" or "UP" or "IN" XPath X12943/LOOP_W04_g002/W04/e06_0235	W04 - Item Detail Total Product/Service ID Qualifier
0382	M N 10 M3 Application Description Number of Units Shipped as Quantity picked M3 Application Specification API dataMI program: MHS850MI Transaction: AddDOPick Field: QTYP XPath X12943/LOOP_W04_g002/W04/e01_0382	Number of Units Shipped