



Business Message Documentation

Application Type	EDI Business Message (EBM)
M3 version	BE15
M3 Business Message	DS - Delivery Schedule
Message Direction	Inbound
Message Application	MercedesBenz X12 830 3050

Map name	M3BE15_DS_In_MercedesBenz_X12_830_3050
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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				
	BFR M 1			BFR - Beginning Segment for Planning Schedule
			0328 C	Release Number
			0353 M	Transaction Set Purpose Code
			0373 M	Date
	GS C 1			Functional Group Header
			0142 M	Application Senders Code
			0455 M	Responsible Agency Code
			0479 M	Function Id Code
			0480 M	Version/Release Indicator ID Code
	PER C 3			PER - Administrative Communications Contact
			0093 C	Name
			0364 C	Communication Number
			0365 C	Communication Number Qualifier
			0366 M	Contact Function Code
	SE M 1			SE - Transaction Set Trailer
			0096 M	Number of Included Segments
	ST M 1			ST - Transaction Set Header
			0143 M	Transaction Set Identifier Code

Group	Segment	Composite /Element	Element	Description
1 C 200				Loop Id N1
	N1 C 1		0067 C	N1 - Name Identification Code
			0093 C	Name
			0098 M	Entity Identifier Code
	N4 C 1		0310 C	N4 - Geographic Location Location Identifier
3 C 9999999				Loop Id LIN
	LIN M 1		0234 M	LIN - Item Identification Product/Service ID
			0235 M	Product/Service ID Qualifier
	PID C 1000		0349 M	PID - Product/Item Description Item Description Type
			0352 C	Description
	REF C 12		0127 C	REF - Reference Identification Reference Identification
			0128 M	Reference Identification Qualifier
	UIT C 1	C001 M		UIT - Unit Detail C001 - Composite Unit of Measure
		* 0355 M		C001 - Composite Unit of Measure



Group	Segment	Composite /Element	Element	Description
7 C 9999999				Loop Id FST
	FST C 1			FST - Forecast Schedule
			0127 C	Reference Identification
			0128 C	Reference Identification Qualifier
			0337 C	Time
			0373 M	Date
			0380 M	Quantity
			0680 M	Forecast Qualifier
			0681 M	Forecast Timing Qualifier



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: BFR	M 1	BFR - Beginning Segment for Planning Schedule
0328	C AN 30	Release Number
	M3 Application Description Release Number as Delivery schedule	
	M3 Application Specification API dataMI program: RSS110MI Transaction: AddHeader Field: DPNR	
	XPath <i>X12830/BFR/e03_0328</i>	
0353	M AN 2	Transaction Set Purpose Code
	M3 Application Description '00' = Original	
	M3 Application Specification Condition: e01_0353 equals "00" API dataMI program: RSS110MI Transaction: AddItem Field: RSAC = "1"	
	XPath <i>X12830/BFR/e01_0353</i>	
0373	M AN 8	Date
	M3 Application Description Date generated as Date generated	
	M3 Application Specification API dataMI program: RSS110MI Transaction: AddHeader Field: GEDT	
	XPath <i>X12830/BFR/e08_0373</i>	
	M3 Application Description Starting date as Start date	
	M3 Application Specification API dataMI program: RSS110MI Transaction: AddHeader Field: EXDT	
	XPath <i>X12830/BFR/e06_0373</i>	

Group: 0	M 1	Segment Group: 0
Segment: GS 0142	C 1 M AN 15 M3 Application Description Application Senders Code as Address coded M3 Application Specification API dataMI program: RSS110MI Transaction: AddAddress Field: CDEA API dataMI program: RSS110MI Transaction: AddAddress Field: ADRT = "02" API call: RSS110MI/GetPartner Input field CONO: CONO Input field PAAL: e02_0142 API dataMI program: RSS110MI Transaction: AddHeader Field: E0PA = RSS110MI/GetPartner Output field: E0PA M3 Data Translation Message standard: "X12" Version: "3050" Message: "830" Parent elements: "g000/GS" Data element: "e02_0142" Movex table: "OCUSMA" Movex field: "OKCUNO" XPath X12830/GS/e02_0142	Functional Group Header Application Senders Code
0455	M AN 2 M3 Application Description Responsible Agency Code as Controlling organization M3 Application Specification API dataMI program: RSS110MI Transaction: AddHeader Field: E051 XPath X12830/GS/e07_0455	Responsible Agency Code
0479	M AN 2 M3 Application Specification API call: RSS110MI/GetUserInfo Output field ZDCONO: CONO Output field ZDDIVI: DIVI XPath X12830/GS/e01_0479	Function Id Code



Group: 0	M 1	Segment Group: 0
Segment: GS	C 1	Functional Group Header
0479	M AN 2	Function Id Code
0480	M AN 12	Version/Release Indicator ID Code
	M3 Application Description	
	Version/Release Indicator ID Code as Message version / Release	
	M3 Application Specification	
	Calculated data:	
	API dataMI program: RSS110MI Transaction: AddHeader Field: E052 equals e08_0480 substring (0,3)	
	API dataMI program: RSS110MI Transaction: AddHeader Field: E054 equals e08_0480 substring (3,6)	
	XPath	
	<i>X12830/GS/e08_0480</i>	
Segment: PER	C 3	PER - Administrative Communications Contact
0093	C AN 60	Name
	M3 Application Description	
	Name as Your reference	
	M3 Application Specification	
	Condition: e01_0366 equals "OD"	
	API dataMI program: RSS110MI Transaction: AddAddress Field: YREF (ADRT = 02)	
	Condition: e01_0366 equals "ST"	
	API dataMI program: RSS110MI Transaction: AddAddress Field: YREF (ADRT = 10)	
	XPath	
	<i>X12830/PER/e02_0093</i>	

Group: 0	M 1	Segment Group: 0
Segment: PER	C 3	PER - Administrative Communications Contact
0364	C AN 80	Communication Number
	M3 Application Description Communication Number as Telephone number M3 Application Specification Condition: e01_0366 equals "OD" and e03_0365 equals 'IT' API dataMI program: RSS110MI Transaction: AddAddress Field: PHNO (ADRT = 02) Condition: e01_0366 equals "ST" and e03_0365 equals 'IT' API dataMI program: RSS110MI Transaction: AddAddress Field: PHNO (ADRT = 10) XPath <i>X12830/PER/e04_0364</i>	
0365	C AN 2	Communication Number Qualifier
	M3 Application Description 'IT' = International telephone M3 Application Specification Fixed data: "IT" XPath <i>X12830/PER/e03_0365</i>	
0366	M AN 2	Contact Function Code
	M3 Application Description 'OD' = Order Department, 'ST' = Ship to M3 Application Specification Fixed data: "OD" or "ST" XPath <i>X12830/PER/e01_0366</i>	

Group: 0	M 1	Segment Group: 0
Segment: SE 0096	M 1 M NO 10 M3 Application Description API call M3 Application Specification API call: RSS110MI/ExecuteSchedule Input field CONO: RSS110MI/GetUserInfo Output Field: CONO Input field DIVI: RSS110MI/GetUserInfo Output Field: DIVI Input field ODPN: RSS110MI/AddHeader Output Field: ODPN Add user function ManifestUpdate setManifestInfo("map:keyField1", "CONO"); setManifestInfo("map:keyValue1", CONO); setManifestInfo("map:keyField2", "DIVI"); setManifestInfo("map:keyValue2", DIVI); setManifestInfo("map:keyField3", "ODPN"); setManifestInfo("map:keyValue3", ODPN); RSS110MI/AddHeader Output Field: ODPN XPath X12830/SE/e01_0096	SE - Transaction Set Trailer Number of Included Segments
Segment: ST 0143	M 1 M AN 3 M3 Application Description Transaction set identifier code as Message type M3 Application Specification API dataMI program: RSS110MI Transaction: AddHeader Field: E065 XPath X12830/ST/e01_0143	ST - Transaction Set Header Transaction Set Identifier Code

Group: 1	C 200	Segment Group: 1
Segment: N1 0067	C 1 C AN 80 M3 Application Description Identification code as Address coded M3 Application Specification Condition: e01_0098 equals "ST" API dataMI program: RSS110MI Transaction: AddAddress Field: CDEA API dataMI program: RSS110MI Transaction: AddAddress Field: ADRT = "10" API call: RSS110MI/AddHeader Input field CONO: CONO Input field DIVI: DIVI Input field E0IO: "I" Input field E0PA: E0PA, output from GetPartner or g000/GS/e02_0142 if NOK from GetPartner. Input field DPMA: "1" Input field EDFR: getManifestInfo("env:identity") M3 Data Translation Message standard: "X12" Version: "3050" Message: "830" Parent elements: "g001/N1" Data element: "e04_0067" Movex table: "OCUSMA" Movex field: "OKCUNO" XPath X12830/LOOP_N1_g001/N1/e04_0067	N1 - Name Identification Code
0093	C AN 60 M3 Application Description Name as Company name M3 Application Specification API dataMI program: RSS110MI Transaction: AddAddress Field: CONM XPath X12830/LOOP_N1_g001/N1/e02_0093	Name



Group: 1	C 200	Segment Group: 1
Segment: N1 0098	C 1 M AN 3 M3 Application Description 'SE' = Selling party 'ST' = Ship to M3 Application Specification Fixed data: "ST" XPath <i>X12830/LOOP_N1_g001/N1/e01_0098</i>	N1 - Name Entity Identifier Code
Segment: N4 0310	C 1 C AN 30 M3 Application Description Location identifier as Address coded M3 Application Specification Condition: g001/e04_0067 equals "ST" API dataMI program: RSS110MI Transaction: AddAddress Field: CDEA API dataMI program: RSS110MI Transaction: AddAddress Field: ADRT = "11" M3 Data Translation Message standard: "X12" Version: "3050" Message: "830" Parent elements: "g001/N4" Data element: "e06_0310" Movex table: "OCUSMA" Movex field: "OKCUNO" XPath <i>X12830/LOOP_N1_g001/N4/e06_0310</i>	N4 - Geographic Location Location Identifier
Group: 3	C 9999999	Segment Group: 3
Segment: LIN 0234	M 1 M AN 48 M3 Application Description Product/Service ID as Alias number M3 Application Specification API dataMI program: RSS110MI Transaction: AddItem Field: POPN XPath <i>X12830/LOOP_LIN_g003/LIN/e03_0234</i>	LIN - Item Identification Product/Service ID



Group: 3	C 999999	Segment Group: 3
Segment: LIN 0235	M 1 M AN 2 M3 Application Description Product/Service ID qualifier as Alias category M3 Application Specification Condition: 'BP' = Buyers part number ALWT = "06" XPath <i>X12830/LOOP_LIN_g003/LIN/e02_0235</i>	LIN - Item Identification Product/Service ID Qualifier
Segment: PID 0349	C 1000 M AN 1 M3 Application Description 'F' = Free form M3 Application Specification Fixed data: "F" XPath <i>X12830/LOOP_LIN_g003/PID/e01_0349</i>	PID - Product/Item Description Item Description Type



Group: 3	C 9999999	Segment Group: 3
Segment: PID 0352	C 1000 C AN 80 M3 Application Description Description as Name M3 Application Specification Condition: e01_0349 equals 'F' API dataMI program: RSS110MI Transaction: AddItem Field: ITDS API call: RSS110MI/AddItem Input field CONO: CONO Input field DIVI: DIVI Input field ODPN: RSS110MI/AddHeader Output field: ODPN API call: RSS110MI/AddAddress Input field CONO: CONO Input field DIVI: DIVI Input field ODPN: RSS110MI/AddHeader Output field: ODPN Input field ODPI: RSS110MI/AddItem Output field: ODPI Input field ADRT: "10" API call: API call: RSS110MI/AddAddress Input field CONO: CONO Input field DIVI: DIVI Input field ODPN: RSS110MI/AddHeader Output field: ODPN Input field ODPI: RSS110MI/AddItem Output field: ODPI Input field ADRT: "11" XPath <i>X12830/LOOP_LIN_g003/PID/e05_0352</i>	PID - Product/Item Description Description



Group: 3	C 9999999	Segment Group: 3
Segment: REF 0127	C 12 C AN 30 M3 Application Description 'DK' = Dock number as Address coded M3 Application Specification Condition: e01_0128 equals "DK" API dataMI program: RSS110MI Transaction: AddAddress Field: CDEA API dataMI program: RSS110MI Transaction: AddAddress Field: ADRT = "12" API call: API call: RSS110MI/AddAddress Input field CONO: CONO Input field DIVI: DIVI Input field ODPN: ODPN, output from AddHeader. Input field ODPI: ODPI, output from AddItem. Input field ADRT: "12" XPath X12830/LOOP_LIN_g003/REF/e02_0127	REF - Reference Identification Reference Identification
0128	M AN 3 M3 Application Description 'DK' = Dock number M3 Application Specification Fixed data: "DK" XPath X12830/LOOP_LIN_g003/REF/e01_0128	Reference Identification Qualifier



Group: 3	C 9999999	Segment Group: 3
Segment: UIT C001 ** 0355	C 1 M M AN 2	UIT - Unit Detail C001 - Composite Unit of Measure C001 - Composite Unit of Measure
M3 Application Description Unit or Basis for Measurement Code as Unit of measure		
M3 Application Specification API dataMI program: RSS110MI Transaction: AddItem Field: UNIT		
M3 Data Translation Message standard: "X12" Version: "3050" Message: "830" Parent elements: "g003/UIT" Data element: "e01_0355" Movex table: "CSYTAB" Movex field: "UNIT"		
XPath X12830/LOOP_LIN_g003/UIT/cmp01/e01_0355		
Group: 7	C 9999999	Segment Group: 7
Segment: FST 0127	C 1 C AN 30	FST - Forecast Schedule Reference Identification
M3 Application Description Reference Identification as Customers order number		
M3 Application Specification See e02_0680		
XPath X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e09_0127		
0128	C AN 3	Reference Identification Qualifier
M3 Application Description Reference Identification Qualifier		
M3 Application Specification See e02_0680		
XPath X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e08_0128		



Group: 7	C 999999	Segment Group: 7
Segment: FST 0337	C 1 C AN 8 M3 Application Description Time as Requested delivery time M3 Application Specification See e02_0680 XPath <i>X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e07_0337</i>	FST - Forecast Schedule Time
0373	C AN 8 M3 Application Description Date as Period to date M3 Application Specification See e02_0680 XPath <i>X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e05_0373</i> M3 Application Description Date as Requested delivery date M3 Application Specification See e02_0680 XPath <i>X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e04_0373</i>	Date
0380	M N 15 M3 Application Description Quantity as Requested quantity M3 Application Specification Condition: e02_0680 equals "C" or "D" or "H" API dataMI program: RSS110MI Transaction: SndInstruction Field: DEMQ XPath <i>X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e01_0380</i>	Quantity

Group: 7	C 999999	Segment Group: 7
Segment: FST 0680	C 1 M AN 1 M3 Application Description Forecast qualifier as Delivery status indicator and Instruction reason M3 Application Specification Condition: e02_0680 equals "C" and e03_0681 equals "D" API dataMI program: RSS110MI Transaction: SndInstruction Field: RSIN = "1" API dataMI program: RSS110MI Transaction: SndInstruction Field: INRA = "0" API dataMI program: RSS110MI Transaction: SndInstruction Field: QTQL = "1" API dataMI program: RSS110MI Transaction: SndInstruction Field: RLDT = g007/FST/e04_0373 API dataMI program: RSS110MI Transaction: SndInstruction Field: RLTM = g007/FST/e07_0337 Condition: e08_0128 equal "DO" API dataMI program: RSS110MI Transaction: SndInstruction Field: CUOR = g007/FST/e09_0127 ----- Condition: e02_0680 equals "H" and e03_0681 equals "D" API dataMI program: RSS110MI Transaction: SndInstruction Field: RSIN = "1" API dataMI program: RSS110MI Transaction: SndInstruction Field: INRA = "0" API dataMI program: RSS110MI Transaction: SndInstruction Field: QTQL = "1" API dataMI program: RSS110MI Transaction: SndInstruction Field: RLDT = g007/FST/e04_0373 API dataMI program: RSS110MI Transaction: SndInstruction Field: RLTM = g007/FST/e07_0337 Condition: e08_0128 equal "DO" API dataMI program: RSS110MI Transaction: SndInstruction Field: CUOR = g007/FST/e09_0127 ----- Condition: e02_0680 equals "D" and e03_0681 equals "D" API dataMI program: RSS110MI Transaction: SndInstruction Field: RSIN = "4" API dataMI program: RSS110MI Transaction: SndInstruction Field: INRA = "0" API dataMI program: RSS110MI Transaction: SndInstruction Field: QTQL = "1"	FST - Forecast Schedule Forecast Qualifier

Group: 7	C 999999	Segment Group: 7
Segment: FST 0680	C 1 M AN 1 M3 Application Description Forecast qualifier as Delivery status indicator and Instruction reason M3 Application Specification API dataMI program: RSS110MI Transaction: SndInstruction Field: RLDT = g007/FST/e04_0373 ----- Condition: e02_0680 equals "D" and e03_0681 equals "F" API dataMI program: RSS110MI Transaction: SndInstruction Field: RSIN = "4" API dataMI program: RSS110MI Transaction: SndInstruction Field: INRA = "0" API dataMI program: RSS110MI Transaction: SndInstruction Field: QTQL = "3" API dataMI program: RSS110MI Transaction: SndInstruction Field: RLDT = g007/FST/e04_0373 API dataMI program: RSS110MI Transaction: SndInstruction Field: RTDT = g007/FST/e05_0373 ----- API call: RSS110MI/AddInstruction Input field CONO: CONO Input field DIVI: DIVI Input field ODPN: ODPN, output from AddHeader. Input field ODPI: ODPI, output from AddItem. XPath <i>X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e02_0680</i>	FST - Forecast Schedule Forecast Qualifier
0681	M AN 1 M3 Application Description Forecast timing qualifier as Quantity qualifier M3 Application Specification See e02_0680 XPath <i>X12830/LOOP_LIN_g003/LOOP_FST_g007/FST/e03_0681</i>	Forecast Timing Qualifier