



## Business Message Documentation

Application Type	<b>EDI Business Message (EBM)</b>
M3 version	<b>BE15</b>
M3 Business Message	<b>PLR - Pricelist Report</b>
Message Direction	<b>Outbound</b>
Message Application	<b>X12 832 4010</b>

Map name	<b>M3BE15_PLR_Out_X12_832_4010</b>
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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				
	BCT M 1			BCT - Beginning Segment for Price/Sales Catalog
			0353 C	Transaction Set Purpose Code
			0683 M	Catalog Purpose Code
			0684 C	Catalog Number
	CTT C 1			CTT - Transaction Totals
			0354 M	Number of Line Items
	CUR C 5			CUR - Currency
			0098 M	Entity Identifier Code
			0100 M	Currency Code
	DTM C 10			DTM - Date/Time Reference
			0373 C	Date
			0374 M	Date/Time Qualifier
	ST M 1			ST - Transaction Set Header
			0143 M	Transaction Set Identifier Code
			0329 M	Transaction Set Control Number
1 C 9999999				Loop Id N1
	N1 C 1			N1 - Name
			0067 C	Identification Code
			0098 M	Entity Identifier Code

Group	Segment	Composite /Element	Element	Description
4 C 9999999				Loop Id LIN
	DTM C 10			DTM - Date/Time Reference
			0373 C	Date
			0374 M	Date/Time Qualifier
	LIN C 1			LIN - Item Identification
			0234 M	Product/Service ID
			0235 M	Product/Service ID Qualifier
			0350 C	Assigned Identification
	PID C 200			PID - Product/Item Description
			0349 M	Item Description Type
			0352 C	Description
5 C 100				Loop Id CTP
	CTP C 1			CTP - Pricing Information
		C001 C		C001 - Composite Unit of Measure
		* 0355 C		C001 - Composite Unit of Measure
			0212 C	Unit Price
			0236 C	Price Identifier Code
			0289 C	Multiple Price Quantity
			0380 C	Quantity
	CUR C 5			CUR - Currency
			0098 M	Entity Identifier Code
			0100 M	Currency Code



Group	Segment	Composite /Element	Element	Description
5 C 100				Loop Id CTP
	SAC C 99999999		0248 M	SAC - Service Allowance or Charge Indicator
			0332 C	Percent
			0610 C	Amount



## 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>BCT</b>	<b>M 1</b>	BCT - Beginning Segment for Price/Sales Catalog
0353	C AN 29 <b>M3 Application Description</b> '00' = Original <b>M3 Application Specification</b> Fixed data: "00" <b>XPath</b> <i>X12832/BCT/e10_0353</i>	Transaction Set Purpose Code
0683	M AN 29 <b>M3 Application Description</b> 'CP' = Customized catalog 'PC' = Price catalog 'PS' = Price sheet 'RC' = Resale catalog 'SC' = Sales catalog <b>M3 Application Specification</b> Fixed data: "PC" <b>XPath</b> <i>X12832/BCT/e01_0683</i>	Catalog Purpose Code
0684	C AN 15 <b>M3 Application Description</b> Report as Catalog number <b>M3 Application Specification</b> MBMInit Output field RPID <b>XPath</b> <i>X12832/BCT/e02_0684</i>	Catalog Number





Group: 0	M 1	Segment Group: 0
Segment: <b>CTT</b> 0354	<b>C 1</b> M NO 6 <b>M3 Application Description</b> Total number of line items <b>M3 Application Specification</b> Calculated data: Count LIN-segments.  Add UserFunction Manifest_Update setManifestInfo("map:keyField1", "CONO"); setManifestInfo("map:keyValue1", CONO); (MBMInit output field: CONO) setManifestInfo("map:keyField2", "DIVI"); setManifestInfo("map:keyValue2", DIVI); (MBMInit output field: DIVI) setManifestInfo("map:keyField3", "RPID"); setManifestInfo("map:keyValue3", RPID) (MBMInit output field: RPID)  <b>XPath</b> <i>X12832/CTT/e01_0354</i>	CTT - Transaction Totals Number of Line Items
Segment: <b>CUR</b> 0098	<b>C 5</b> M AN 3 <b>M3 Application Description</b> 'ZZ' = Mutually defined <b>M3 Application Specification</b> Condition: e02_0100 not equals blank Fixed data: "ZZ" <b>XPath</b> <i>X12832/CUR/e01_0098</i>	CUR - Currency Entity Identifier Code
0100	M AN 3 <b>M3 Application Description</b> Currency as Currency code <b>M3 Application Specification</b> API dataMI program: OIS530MI Transaction: GetHead Field: CUCD <b>M3 Data Translation</b> Message standard: "X12" Version: "4010" Message: "832" Parent elements: "CUR" Data element: "e02_0100" Movex table: "OOHEAD" Movex field: "OACUCD" <b>XPath</b> <i>X12832/CUR/e02_0100</i>	Currency Code

Group: 0	M 1	Segment Group: 0
Segment: <b>CUR</b> 0100	<b>C 5</b> M AN 3 <b>M3 Application Description</b> Currency as Currency code <b>M3 Application Specification</b> API dataMI program: OIS530MI Transaction: GetHead Field: CUCD <b>M3 Data Translation</b> Message standard: "X12" Version: "4010" Message: "832" Parent elements: "CUR" Data element: "e02_0100" Movex table: "OOHEAD" Movex field: "OACUCD" <b>XPath</b> <i>X12832/CUR/e02_0100</i>	CUR - Currency Currency Code
Segment: <b>DTM</b> 0373	<b>C 10</b> C AN 8 <b>M3 Application Description</b> Start date as date <b>M3 Application Specification</b> API call:OIS530MI/GetHead Input field CONO: MBMInit Output field: CONO Input field RPID: MBMInit Output field: RPID  API dataMI program: OIS530MI Transaction: GetHead Field: STDT <b>XPath</b> <i>X12832/DTM/e02_0373</i>	DTM - Date/Time Reference Date
0374	M AN 3 <b>M3 Application Description</b> '007' = Effective <b>M3 Application Specification</b> Condition: e02_0373 not equals blank Fixed data: "007" <b>XPath</b> <i>X12832/DTM/e01_0374</i>	Date/Time Qualifier



Group: 0	M 1	Segment Group: 0
Segment: <b>ST</b> 0143	<b>M 1</b> M AN 3 <b>M3 Application Description</b> '832' = Price/Sales Catalog <b>M3 Application Specification</b> Fixed data: "832"  Create userfunction MBMInit Output field MessageCopy: MovexBusinessMessageInitiator/ MessageCopy Output field MessageDate: MovexBusinessMessageInitiator/ MessageDate Output field MessageTime: MovexBusinessMessageInitiator/ MessageTime Output field CONO: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value1 Output field DIVI: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value2 Output field RPID: MovexBusinessMessageInitiator/MessagKeys/ MessageKey/Value3  <b>XPath</b> X12832/ST/e01_0143	ST - Transaction Set Header Transaction Set Identifier Code
0329	M AN 99 <b>M3 Application Description</b> Transaction set control number <b>M3 Application Specification</b> Fixed data: "0001" <b>XPath</b> X12832/ST/e02_0329	Transaction Set Control Number



Group: 1	C 9999999	Segment Group: 1
Segment: N1 0067	<b>C 1</b> C AN 80 <b>M3 Application Specification</b> Condition: e01_0098 equals *BY' e04_0067 = getManifestInfo("mvx:rcpRefData1")  Condition: e01_0098 equals 'SE' MBMInit Output field: DIVI <b>M3 Data Translation</b>  Condition: e01_0098 equals "BY" Message standard: "X12" Version: "4010" Message: "832" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "BY" Movex table: "OOHEAD" Movex field: "OACUNO"  Condition: e01_0098 equals "SE" Message standard: "X12" Version: "4010" Message: "832" Parent elements: "g001/N1" Data element: "e04_0067" Condition element: "e01_0098" Condition data: "SE" Movex table: "" Movex field: "" <b>XPath</b> X12832/LOOP_N1_g001/N1/e04_0067	N1 - Name Identification Code
0098	M AN 3 <b>M3 Application Description</b> 'BY' = Buying party 'SE' = Selling party <b>M3 Application Specification</b> Condition: e04_0067 not equals blank Fixed data: "BY" or "SE" <b>XPath</b> X12832/LOOP_N1_g001/N1/e01_0098	Entity Identifier Code



Group: 4	C 9999999	Segment Group: 4
Segment: DTM	C 10	DTM - Date/Time Reference
0373	C AN 8	Date
	<b>M3 Application Description</b> "007" = Sales price start date as Date or '036' = Sales price end date as Date	
	<b>M3 Application Specification</b> Condition: e01_0374 equals '007' Loop 1 API dataMI program: OIS530MI Transaction: LstLine Field: PSFD	
	Condition: e01_0374 equals '036' Loop 2 API dataMI program: OIS530MI Transaction: LstLine Field: PSTD	
	<b>XPath</b> X12832/LOOP_LIN_g004/DTM/e02_0373	
0374	M AN 3	Date/Time Qualifier
	<b>M3 Application Description</b> '007' = Effective '036' = Expiration	
	<b>M3 Application Specification</b> Condition: e02_0373 not equals blank Fixed data: "007" or "036"	
	<b>XPath</b> X12832/LOOP_LIN_g004/DTM/e01_0374	

Group: 4	C 999999	Segment Group: 4
Segment: <b>LIN</b> 0234	<b>C 1</b> C AN 48 <b>M3 Application Description</b> 'EN' = Alias number as Product/Service ID <b>M3 Application Specification</b> API call: MMS025MI/GetAlias Input field CONO: MBMInit Output field: CONO Input field ALWT: '02' Input field ITNO: OIS530MI/LstLine Output field: ITNO Input field ALWQ: 'EA13'  API dataMI program: MMS025MI Transaction: GetAlias Field: POPN <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e05_0234</i>  <b>M3 Application Description</b> 'IN' = Alias number as Product/Service ID <b>M3 Application Specification</b> API call: MMS025MI/GetAlias Input field CONO: MBMInit Output field: CONO Input field ALWT: '06' Input field ITNO: OIS530MI/LstLine Output field: ITNO Input field ALWQ: "" Input field E0PA: OIS530MI/LstLine Output field:PSCN  API dataMI program: MMS025MI Transaction: GetAlias Field: POPN <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e07_0234</i>  <b>M3 Application Description</b> 'VN' = Item number as Product/Service ID <b>M3 Application Specification</b> API call: OIS530MI/LstLine Input field CONO: MBMInit Output field: CONO Input field RPID: MBMInit Output field: RPID  API dataMI program: OIS530MI Transaction: LstLine Field: ITNO <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e03_0234</i>	LIN - Item Identification Product/Service ID

Group: 4	C 999999	Segment Group: 4
Segment: LIN 0235	<b>C 1</b> C AN 2 <b>M3 Application Description</b> 'EN' = Vendors Item number 'EN' = European article number (EAN) 'IN' = Alias number as Buyers item number  <b>M3 Application Specification</b> Condition: e05_0234 not equal blank Fixed data: "EN" <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e04_0235</i>  <b>M3 Application Specification</b> Condition: e07_0234 not equal blank Fixed data: "IN" <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e06_0235</i>  <b>M3 Application Description</b> 'VN' = Vendors Item number 'EN' = European article number (EAN) 'IN' = Alias number as Buyers item number  <b>M3 Application Specification</b> Condition: e03_0234 not equals blank Fixed data: "VN" <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e02_0235</i>	LIN - Item Identification Product/Service ID Qualifier
0350	C AN 20 <b>M3 Application Specification</b> Calculated data: Counter, start value 1 <b>XPath</b> <i>X12832/LOOP_LIN_g004/LIN/e01_0350</i>	Assigned Identification

Group: 4	C 999999	Segment Group: 4
Segment: <b>PID</b> 0349	<b>C 200</b> M AN 1 <b>M3 Application Description</b> 'F' = Free form  <b>M3 Application Specification</b> Condition: e05_0352 not equals blank Fixed data: "F" <b>XPath</b> X12832/LOOP_LIN_g004/PID/e01_0349	PID - Product/Item Description Item Description Type
0352	C AN 80 <b>M3 Application Description</b> Item description as Description <b>M3 Application Specification</b> API call: MMS200MI/GetGetItmBasic Input field CONO: MBMInit Output field: CONO Input field ITNO: OIS530MI/LstItem Output field: ITNO  API dataMI program: MMS200MI Transaction: GetItmBasic Field: ITDS <b>XPath</b> X12832/LOOP_LIN_g004/PID/e05_0352	Description
Group: 5	C 100	Segment Group: 5
Segment: <b>CTP</b> C001 ** 0355	<b>C 1</b> C C AN 2  <b>M3 Application Description</b> Sales price unit of measure as Unit or Basis for Measurement code <b>M3 Application Specification</b> API dataMI program: OIS530MI Transaction: LstLine Field: SPUN <b>M3 Data Translation</b> Message standard: "X12" Version: "4010" Message: "832" Parent elements: "g005/CTP" Data element: "e01_0355" Movex table: "OOLINE" Movex field: "OBUNIT" <b>XPath</b> X12832/LOOP_LIN_g004/LOOP_CTP_g005/CTP/cmp01/e01_0355	CTP - Pricing Information C001 - Composite Unit of Measure C001 - Composite Unit of Measure





Group: 5	C 100	Segment Group: 5
Segment: <b>CTP</b> 0212	<b>C 1</b> C N 17 <b>M3 Application Description</b> Sales price as Unit price <b>M3 Application Specification</b> API dataMI program: OIS530MI Transaction: LstLine Field: SAPR <b>XPath</b> <i>X12832/LOOP_LIN_g004/LOOP_CTP_g005/CTP/e03_0212</i>	CTP - Pricing Information Unit Price
0236	C AN 3 <b>M3 Application Description</b> 'UCP' = Unit cost price <b>M3 Application Specification</b> Condition: e03_0212 not equals blank Fixed data: "UCP" <b>XPath</b> <i>X12832/LOOP_LIN_g004/LOOP_CTP_g005/CTP/e02_0236</i>	Price Identifier Code
0289	C N0 2 <b>M3 Application Description</b> Sales price quantity as Multiple Price Quantity <b>M3 Application Specification</b> API dataMI program: OIS530MI Transaction: LstLine Field: SACD <b>XPath</b> <i>X12832/LOOP_LIN_g004/LOOP_CTP_g005/CTP/e10_0289</i>	Multiple Price Quantity
0380	C N 15 <b>M3 Application Description</b> Normal call-off quantity as Quantity <b>M3 Application Specification</b> API dataMI program: OIS530MI Transaction: LstLine Field: NAQT <b>XPath</b> <i>X12832/LOOP_LIN_g004/LOOP_CTP_g005/CTP/e04_0380</i>	Quantity

Group: 5	C 100	Segment Group: 5
Segment: <b>CUR</b> 0098	<b>C 5</b> M AN 3 <b>M3 Application Description</b> 'ZZ' = Mutually defined <b>M3 Application Specification</b> Condition: e02_0100 not equals blank Fixed data: "ZZ" <b>XPath</b> X12832/LOOP_LIN_g004/LOOP_CTP_g005/CUR/e01_0098	CUR - Currency Entity Identifier Code
0100	M AN 3 <b>M3 Application Description</b> Currency code 3 as Currency code <b>M3 Application Specification</b> Condition: OIS530MI/LstLine/CUC3 not equals OIS530MI/GetHead/CUCD API dataMI program: OIS530MI Transaction: LstLine Field: CUC3 <b>M3 Data Translation</b>  Message standard: "X12" Version: "4010" Message: "832" Parent elements: "g005/CUR" Data element: "e02_0100" Condition element: "" Condition data: "" Movex table: "OOHEAD" Movex field: "OACUCD" <b>XPath</b> X12832/LOOP_LIN_g004/LOOP_CTP_g005/CUR/e02_0100	Currency Code
Segment: <b>SAC</b> 0248	<b>C 9999999</b> M AN 11 <b>M3 Application Description</b> 'A' = Allowance <b>M3 Application Specification</b> Condition: e05_0610 or e06_0332 not equals blank or zero Fixed data: "A"  <b>XPath</b> X12832/LOOP_LIN_g004/LOOP_CTP_g005/SAC/e01_0248	SAC - Service Allowance or Charge Indicator



Group: 5	C 100	Segment Group: 5
Segment: SAC 0332	C 9999999 C N 6 <b>M3 Application Description</b> Discount as Percent <b>M3 Application Specification</b> Loop 1 Condition: DIP1 not equals blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIP1  Loop 2 Condition: DIP2 not equals blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIP2  Loop 3 Condition: DIP3 not equals blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIP3  Loop 4 Condition: DIP4 not equals blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIP4  Loop 5 Condition: DIP5 not equals blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIP5  Loop 6 Condition: DIP6 not equals blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIP6  <b>XPath</b> X12832/LOOP_LIN_g004/LOOP_CTP_g005/SAC/e07_0332	SAC - Service Percent



Group: 5	C 100	Segment Group: 5
Segment: SAC 0610	C 9999999 C N2 15 <b>M3 Application Description</b> Discount amount as Amount <b>M3 Application Specification</b> Loop 1 Condition: DIA1 not equals to blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIA1  Loop 2 Condition: DIA2 not equals to blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIA2  Loop 3 Condition: DIA3 not equals to blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIA3  Loop 4 Condition: DIA4 not equals to blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIA4  Loop 5 Condition: DIA5 not equals to blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIA5  Loop 6 Condition: DIA6 not equals to blank or zero API dataMI program: OIS530MI Transaction: LstLine Field: DIA6  <b>XPath</b> <i>X12832/LOOP_LIN_g004/LOOP_CTP_g005/SAC/e05_0610</i>	SAC - Service Amount