



## Business Message Documentation

Application Type	<b>EDI Business Message (EBM)</b>
M3 version	<b>BE15</b>
M3 Business Message	<b>CP - Customer Payment</b>
Message Direction	<b>Inbound</b>
Message Application	<b>X12 812 5010</b>

Map name	<b>M3BE15_CP_In_X12_812_5010</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				
	BCD M 1			BCD - Beginning Credit/Debit Adjustment
			0076 C	Invoice Number
			0305 M	Transaction Handling Code
			0373 M	Date
	CUR C 1			CUR - Currency
			0098 M	Entity Identifier Code
			0100 M	Currency Code
	ST M 1			ST - Transaction Set Header
			0143 M	Transaction Set Identifier Code
1 C 200				Loop Id N1
	N1 M 1			N1 - Party Identification
			0067 C	Identification Code
			0098 M	Entity Identifier Code
4 C 9999999				Loop Id CDD
	CDD C 1			CDD - Credit/Debit Adjustment Detail
			0478 M	Credit/Debit Flag Code
			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>BCD</b>	<b>M 1</b>	BCD - Beginning Credit/Debit Adjustment
0076	C AN 22	Invoice Number
	<b>M3 Application Description</b> Invoice number as Invoice number <b>M3 Application Specification</b>  API dataMI program: ARS040MI Transaction: AddBatchLine Field:CINO <b>XPath</b> <i>X12812/BCD/e07_0076</i>	
0305	M AN 2	Transaction Handling Code
	<b>M3 Application Description</b> Transaction Handling code as Batch payment type <b>M3 Application Specification</b>  API dataMI program: ARS040MI Transaction: AddBatchHead Field: BOPE <b>M3 Data Translation</b>  Message standard: "X12"Version: "5010" Message: "812" Parent elements: "g000/BCD" Data element: "e03_0305" Movex table: "FARBPB" Movex field: "E1BOPE" <b>XPath</b> <i>X12812/BCD/e03_0305</i>	
0373	C AN 8	Date
	<b>M3 Application Description</b> Date and Invoice year <b>M3 Application Specification</b> API dataMI program: ARS040MI Transaction: AddBatchLine Field: INYR Note ! use CCYY <b>XPath</b> <i>X12812/BCD/e06_0373</i>	

Group: 0	M 1	Segment Group: 0
Segment: <b>BCD</b>	<b>M 1</b>	BCD - Beginning Credit/Debit Adjustment
0373	C AN 8	Date
	<b>M3 Application Description</b> Date as Accounting date, Payment date and Invoice Year	
	<b>M3 Application Specification</b> API dataMI program: ARS040MI Transaction: AddBatchHead Field: ACDT API dataMI program: ARS040MI Transaction: AddBatchLine Field: LPDT  Condition: e06_0373 equals blank API dataMI program: ARS040MI Transaction: AddBatchLine Field: INYR Note ! use CCYY  <b>XPath</b> <i>X12812/BCD/e01_0373</i>	
Segment: <b>CUR</b>	<b>C 1</b>	CUR - Currency
0098	M AN 3	Entity Identifier Code
	<b>M3 Application Description</b> 'BY' = Buying party (purchaser)	
	<b>M3 Application Specification</b> Fixed data = "BY"	
	<b>XPath</b> <i>X12812/CUR/e01_0098</i>	
0100	M AN 3	Currency Code
	<b>M3 Application Description</b> Currency code as Currency	
	<b>M3 Application Specification</b> Condition: e01_0098 equals "BY" API dataMI program: ARS040MI Transaction: AddBatchLine Field: CUCD	
	<b>M3 Data Translation</b>  Message standard: "X12" Version: "5010" Message: "812" Parent elements: "g000/CUR" Data element: "e02_0100" Movex table: "FARBPI" Movex field: "E2CUCD"	
	<b>XPath</b> <i>X12812/CUR/e02_0100</i>	



Group: 0	M 1	Segment Group: 0
Segment: <b>CUR</b> 0100	<b>C 1</b> M AN 3 <b>M3 Application Description</b> Currency code as Currency	CUR - Currency Currency Code
Segment: <b>ST</b> 0143	<b>M 1</b> M AN 3 <b>M3 Application Description</b> '812' = Credit/Debit Adjustment <b>M3 Application Specification</b> Fixed data: "812"  API Call: ARS040MI/GetUserInfo Outputfield ZDCONO: CONO Outputfield ZDDIVI: DIVI  <b>XPath</b> X12812/ST/e01_0143	ST - Transaction Set Header Transaction Set Identifier Code





Group: 1	C 200	Segment Group: 1
Segment: N1 0067	M 1 C AN 80 <b>M3 Application Description</b>  'BY' = Buyer as Customer 'PR' = Payer as Payer <b>M3 Application Specification</b> Condition: e01_0098 equals "BY" API call: CRS886MI/CnvPtrAlias Input field CONO: CONO Input field PAAL: e04_0067 Input field PCTG: "11" API dataMI program: CRS886MI Transaction: CnvPtrAlias Field: PAID If NOK from CRS886MI, use e04_0067 API dataMI program: ARS040MI Transaction: AddBatchLine Field: CUNO   Condition: e01_0098 equals "PR" API call: CRS886MI/CnvPtrAlias Input field CONO: CONO Input field PAAL: e04_0067 Input field PCTG: "11" API dataMI program: CRS886MI Transaction: CnvPtrAlias Field: PAID If NOK from CRS886MI, use e04_0067 API dataMI program: ARS040MI Transaction: AddBatchLine Field: PYNO   API call: ARS040MI/AddBatchHead Input field CONO: ARS040MI/GetUserInfo Output field: CONO Input field DIVI: ARS040MI/GetUserInfo Output field: DIVI  <b>M3 Data Translation</b> Condition:e01_0098 equals "BY" Message standard: "X12" Version: "5010"Message: "812" Parent elements: "g001/N1" Data element: "e04_0067"Conditional element: "e01_0098" Conditional data: "BY" Movex table: "FARBPI" Movex field: "E2CUNO"  Condition:e01_0098 equals "PR"	N1 - Party Identification Identification Code

Group: 1	C 200	Segment Group: 1
Segment: <b>N1</b> 0067	<b>M 1</b> C AN 80 <b>M3 Application Description</b>  'BY' = Buyer as Customer 'PR' = Payer as Payer <b>M3 Data Translation</b> Message standard: "X12" Version: "5010" Message: "812" Parent elements: "g001/N1" Data element: "e04_0067" Conditional element: "e01_0098" Conditional data: "PR" Movex table: "FARBPI" Movex field: "E2PYNO"  <b>XPath</b> X12812/LOOP_N1_g001/N1/e04_0067	N1 - Party Identification Identification Code
0098	M AN 3 <b>M3 Application Description</b>  'BY' = Buyer 'PR' = Payer <b>M3 Application Specification</b> Fixed data: "BY" or "PR" <b>XPath</b> X12812/LOOP_N1_g001/N1/e01_0098	Entity Identifier Code
Group: 4	C 9999999	Segment Group: 4
Segment: <b>CDD</b> 0478	<b>C 1</b>  M AN 1 <b>M3 Application Description</b> 'C' = Credit flag or 'D' = Debit flag <b>XPath</b> X12812/LOOP_CDD_g004/CDD/e02_0478	CDD - Credit/Debit Adjustment Detail Credit/Debit Flag Code



Group: 4	C 9999999	Segment Group: 4
Segment: <b>CDD</b>	<b>C 1</b>	CDD - Credit/Debit Adjustment Detail
0610	C N2 15	Amount
<b>M3 Application Specification</b>		
Monetary amount as Payment amount		
Condition: if e02_0478 equals "D" ARS040MI/AddBatchLine Field: PYAM equals g004/CDD/e04_0610		
Condition: if e02_0478 equals "C" ARS040MI/AddBatchLine Field: PYAM equals g004/CDD/e04_0610 * -1		
API call: ARS040MI/AddBatchLine		
Input field CONO: MBMInit Output field: CONO		
Input field DIVI: MBMInit Output field: DIVI		
Input field PBID: AddBatchHead Output field: PBID.		
Input field TRNO: Counter. Start value 1. Increment with 1.		
After last occurrence of g004/CDD loop		
Add user function ManifestUpdate		
setManifestInfo ("map:keyField1", "CONO");		
setManifestInfo ("map:keyValue1", CONO);		
setManifestInfo ("map:keyField2", "DIVI");		
setManifestInfo ("map:keyValue2", DIVI);		
setManifestInfo ("map:keyField3", "PBID");		
setManifestInfo ("map:keyValue3", PBID);		
<b>XPath</b>		
<i>X12812/LOOP_CDD_g004/CDD/e04_0610</i>		