infor

Business Message
Documentation

Application Type	**Application Business Message (ABM)**
M3 version	**BE15**
M3 Business Message	**CP - Customer Payment**
Message Direction	**Inbound**
Message Application	**ABM CustomerPayment Add 1**

Map name	**M3BE15_CP_In_ABM_CustomerPayment_Add_1**

Introduction

This document is a Message Implementation Guideline (MIG) for a business message used in Infor's enterprise application, M3. It defines in detail the collaboration logic between the business message and the M3 system.

The MIG supplied by Infor is based on the business functionality in M3.

The business message format is Extensible Markup Language (XML). XML is a standard developed by the World Wide Web Consortium (W3C). "Element" in this document refers to an XML element. The business message is divided into "message parts"; a message part is a logical unit within the business message, for example, a header, an address or details/lines. Within each message part each element can have up to four parents. The message part, the parents and the element define the XPath for the element. Structural levels for the message's object and process (for example "PurchaseOrder" and "Show") are only shown in the XPaths in this document.

This document consists of two major sections: Elements Used and Element Documentation. The section Elements Used provides an overall view of all elements used in this MIG. The section Element Documentation provides detailedspecifications of each and every element implemented in the business message. The element information is presented in the order in which the elements are defined in the business message.

Elements Used

This section contains a summary of all elements used in this message application, that is, the elements that have documentation attached. The XPaths for these elements are provided relative to the message parts. The elements are listed in message structure order

Elements Used

MessagePart	Add/Charge
	CHRI
	CHAM
	CUCD
	ARAT
	VTCD
	VTAM
	BVTM

Elements Used

MessagePart	Add/Detail
	Line/TRNO
	Line/PYNO
	Line/CINO
	Line/INYR
	Line/CUNO
	Line/PYTP
	Line/CUCD
	Line/ARAT
	Line/PYAM
	Line/LPDT
	Line/NBCM
	Line/ORAT
	Line/NBAM
	Line/ADAM
	Line/ACDA
	Line/CDDT
	Line/CKNO
	Line/AIT1
	Line/AIT2
	Line/AIT3
	Line/AIT4
	Line/AIT5
	Line/AIT6
	Line/AIT7
	Line/CKST
	Line/IRNO

Elements Used

MessagePart	Add/Header
	PBID
	BOPE
	BAAN
	NADO
	VONO
	ACDT
	BPYS

Elements Used

MessagePart	**GeneralMessageHeader**
	MessageIdentification/MessageObject
	MessageIdentification/MessageMethod
	MessageIdentification/MessageVersion
	MessageIdentification/MessageIdentityNumber
	MessageLanguage/Language/Code
	MessageLanguage/Language/Description
	MessageDate/DateAndTime/Date
	MessageDate/DateAndTime/Time
	MessageDate/DateAndTime/GMTOffset
	MessageDate/DateAndTime/DateFormat
	MessageDate/DateAndTime/TimeFormat
	MessageFunction/MessageFunctionIndicator
	MessageStatus/MessageStatusIndicator
	ApplicationMessage/Identity
	ApplicationMessage/SeverityCode
	ApplicationMessage/Text
	ApplicationMessage/LanguageCode

Element Documentation

This section is based on the same structure as the section Elements Used, but here you see all the available descriptions, statuses (conditional or mandatory), repeats (0, 1, 2 etc. or unbounded), data types (alphanumeric, numeric, date etc.) and data lengths. There is a page break for every message part.Parents' attributes are only shown when the parents change. This section also includes M3 application documentation and the XPath for the element, which specifies the position of the element in the message structure.

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

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 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") and currency codes ("PND" to "GBP"). 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 Specifiation
This section contains the specification that constitutes the base for the business message. 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 business message.

MessagePart	Repeat		Description
Add/Charge	**C**	**unbou**	**Customer payment charge**
Element	**CHRI**	C a 3	Charge

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchCharge Field: CHRI
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/CHRI*

Element	**CHAM**	M n 17	Charge amount

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchCharge Field: CHAM
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/CHAM*

Element	**CUCD**	C a 3	Currency

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchCharge Field: CUCD
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/CUCD*

Element	**ARAT**	C n 12	Exchange rate

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchCharge Field: ARAT
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/ARAT*

Element	**VTCD**	C n 2	VAT code

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchCharge Field: VTCD
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/VTCD*

Element	**VTAM**	C n 17	VAT

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchCharge Field: VTAM
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/VTAM*

MessagePart		Repeat		Description
Add/Charge		**C**	**unbou**	**Customer payment charge**
Element	**BVTM**	C n 17		VAT calculation amount

    M3 Application Description:

    M3 Application Specification:

    API data MI program: ARS040MI Transaction: AddBatchCharge Field: BVTM

    XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Charge/BVTM*

MessagePart		Repeat		Description
Add/Detail		**M**	**unbou**	**Customer payment detail**
Parent1	**Line**	M	1	Customer payment line
Element	**TRNO**	M	n 7	Transaction number

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: TRNO

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/TRNO*

Parent1	**Line**	M	1	Customer payment line
Element	**PYNO**	C	a 10	Payer

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: PYNO

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/PYNO*

Parent1	**Line**	M	1	Customer payment line
Element	**CINO**	M	a 10	Invoice number

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: CINO

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/CINO*

Parent1	**Line**	M	1	Customer payment line
Element	**INYR**	M	n 4	Invoice year

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: INYR

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/INYR*

Parent1	**Line**	M	1	Customer payment line
Element	**CUNO**	M	a 10	Customer number

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: CUNO

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/CUNO*

MessagePart		Repeat		Description
Add/Detail		**M**	**unbou**	**Customer payment detail**
Parent1	**Line**	M	1	Customer payment line
Element	**PYTP**	C	a 2	Payment type

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: PYTP
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/PYTP*

Parent1	**Line**	M	1	Customer payment line
Element	**CUCD**	C	a 3	Currency

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: CUCD
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/CUCD*

Parent1	**Line**	M	1	Customer payment line
Element	**ARAT**	C	n 12	Exchange rate

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: ARAT
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/ARAT*

Parent1	**Line**	M	1	Customer payment line
Element	**PYAM**	M	n 17	Payment amount

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: PYAM
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/PYAM*

Parent1	**Line**	M	1	Customer payment line
Element	**LPDT**	C	d 10	Payment date

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: LPDT
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/LPDT*

MessagePart		Repeat		Description
Add/Detail		**M**	unbou	**Customer payment detail**
Parent1	**Line**	M	1	Customer payment line
Element	**NBCM**	C	n 17	Foreign currency amount

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: NBCM

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/NBCM*

Parent1	**Line**	M	1	Customer payment line
Element	**ORAT**	C	n 14	Original exchange rate

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: ORAT

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/ORAT*

Parent1	**Line**	M	1	Customer payment line
Element	**NBAM**	C	n 17	Recorded amount

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: NBAM

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/NBAM*

Parent1	**Line**	M	1	Customer payment line
Element	**ADAM**	C	n 17	Foreign currency amount

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: ADAM

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/ADAM*

Parent1	**Line**	M	1	Customer payment line
Element	**ACDA**	C	n 17	Foreign currency amount

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: ACDA

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/ACDA*

MessagePart		Repeat		Description
Add/Detail		**M**	**unbou**	**Customer payment detail**
Parent1	**Line**	M	1	Customer payment line
Element	**CDDT**	C	d 10	Cash discount date

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: CDDT
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/CDDT*

Parent1	**Line**	M	1	Customer payment line
Element	**CKNO**	C	a 15	Check number

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: CKNO
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/CKNO*

Parent1	**Line**	M	1	Customer payment line
Element	**AIT1**	C	a 8	Accounting dimension 1

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT1
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT1*

Parent1	**Line**	M	1	Customer payment line
Element	**AIT2**	C	a 8	Accounting dimension 2

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT2
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT2*

Parent1	**Line**	M	1	Customer payment line
Element	**AIT3**	C	a 8	Accounting dimension 3

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT3
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT3*

MessagePart		Repeat		Description
Add/Detail		**M**	**unbou**	**Customer payment detail**
Parent1	**Line**	M 1		Customer payment line
Element	**AIT4**	C a 8		Accounting dimension 4

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT4
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT4*

Parent1	**Line**	M 1		Customer payment line
Element	**AIT5**	C a 8		Accounting dimension 5

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT5
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT5*

Parent1	**Line**	M 1		Customer payment line
Element	**AIT6**	C a 8		Accounting dimension 6

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT6
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT6*

Parent1	**Line**	M 1		Customer payment line
Element	**AIT7**	C a 8		Accounting dimension 7

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: AIT7
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/AIT7*

Parent1	**Line**	M 1		Customer payment line
Element	**CKST**	C a 2		Allocation status

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchLine Field: CKST
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/CKST*

MessagePart		Repeat		Description
Add/Detail		**M**	**unbou**	**Customer payment detail**
Parent1	**Line**	M	1	Customer payment line
Element	**IRNO**	C a	40	Invoice reference number

M3 Application Description:

M3 Application Specification:

API data MI program: ARS040MI Transaction: AddBatchLine Field: IRNO

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Detail/Line/IRNO*

MessagePart		Repeat		Description
Add/Header		**M**	**1**	**Customer payment header**
Element	**PBID**	M n 10		Payment batch

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchHead Field: PBID
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/PBID*

Element	**BOPE**	M a 3		Batch payment type

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchHead Field: BOPE
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/BOPE*

Element	**BAAN**	C a 15		Bank account number

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchHead Field: BAAN
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/BAAN*

Element	**NADO**	C a 2		Foreign/domestic

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchHead Field: NADO
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/NADO*

Element	**VONO**	C n 8		Voucher number

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchHead Field: VONO
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/VONO*

Element	**ACDT**	C d 10		Accounting date

M3 Application Description:
M3 Application Specification:
API data MI program: ARS040MI Transaction: AddBatchHead Field: ACDT
XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/ACDT*

MessagePart		Repeat		Description
Add/Header		**M**	**1**	**Customer payment header**
Element	**BPYS**	C n	1	Status - batch payments

M3 Application Description:

M3 Application Specification:

API data MI program: ARS040MI Transaction: AddBatchHead Field: BPYS

XPath: *CustomerPayment_Add_1/CustomerPayment/Add/Header/BPYS*

MessagePart		Repeat		Description
GeneralMessageHeader		**M**	**1**	**General message header**
Parent1	**MessageIdentification**	M	1	Message identification
Element	**MessageObject**	M		Message object

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageIdentification/MessageObject*

Parent1	**MessageIdentification**	M	1	Message identification
Element	**MessageMethod**	M		Message Advice

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageIdentification/MessageMethod*

Parent1	**MessageIdentification**	M	1	Message identification
Element	**MessageVersion**	M		Message version

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageIdentification/MessageVersion*

Parent1	**MessageIdentification**	M	1	Message identification
Element	**MessageIdentityNumber**	M		MessageIdentityNumber

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageIdentification/MessageIdentityNumber*

Parent2	**MessageLanguage**	M	1	MessageLanguage
Parent1	**Language**	M	1	Language
Element	**Code**	M		Code

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageLanguage/Language/Code*

Parent2	**MessageLanguage**	M	1	MessageLanguage
Parent1	**Language**	M	1	Language
Element	**Description**	C		Description

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageLanguage/Language/Description*

Parent2	**MessageDate**	M	1	Message Date
Parent1	**DateAndTime**	C	1	DateAndTime
Element	**Date**	M		Date

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageDate/DateAndTime/Date*

Parent2	**MessageDate**	M	1	Message Date
Parent1	**DateAndTime**	C	1	DateAndTime
Element	**Time**	C		Time

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageDate/DateAndTime/Time*

MessagePart		Repeat		Description
GeneralMessageHeader		**M**	**1**	**General message header**
Parent2	**MessageDate**	M	1	Message Date
Parent1	**DateAndTime**	C	1	DateAndTime
Element	**GMTOffset**	C		GMTOffset

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageDate/DateAndTime/GMTOffset*

	MessagePart	Repeat		Description
Parent2	**MessageDate**	M	1	Message Date
Parent1	**DateAndTime**	C	1	DateAndTime
Element	**DateFormat**	C		Date format

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageDate/DateAndTime/DateFormat*

	MessagePart	Repeat		Description
Parent2	**MessageDate**	M	1	Message Date
Parent1	**DateAndTime**	C	1	DateAndTime
Element	**TimeFormat**	C		Time format

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageDate/DateAndTime/TimeFormat*

	MessagePart	Repeat		Description
Parent1	**MessageFunction**	C	1	Message function
Element	**MessageFunctionIndicator**	C		Message function indicator

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageFunction/MessageFunctionIndicator*

	MessagePart	Repeat		Description
Parent1	**MessageStatus**	C	1	Message status
Element	**MessageStatusIndicator**	C		Message status indicator

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/MessageStatus/MessageStatusIndicator*

	MessagePart	Repeat		Description
Parent1	**ApplicationMessage**	C	unbounded	Application message
Element	**Identity**	M		Identity

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/ApplicationMessage/Identity*

	MessagePart	Repeat		Description
Parent1	**ApplicationMessage**	C	unbounded	Application message
Element	**SeverityCode**	C		Severity code

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/ApplicationMessage/SeverityCode*

	MessagePart	Repeat		Description
Parent1	**ApplicationMessage**	C	unbounded	Application message
Element	**Text**	M		Text

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/ApplicationMessage/Text*

MessagePart		Repeat		Description
GeneralMessageHeader		**M**	**1**	**General message header**
Parent1	**ApplicationMessage**	C	unbounded	Application message
Element	**LanguageCode**	M		Language code

XPath: *CustomerPayment_Add_1/GeneralMessageHeader/ApplicationMessage/LanguageCode*

END