



Business Message Documentation

Application Type	Application Business Message (ABM)
M3 version	BE15
M3 Business Message	PODA - Purchase Order Despatch Advice
Message Direction	Inbound
Message Application	ABM PurchaseOrder Advice 1

Map name	M3BE15_PODA_In_ABM_PurchaseOrder_Advice_1
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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 detailed specifications 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	Advice/Detail
	Line/PNLI
	Line/PNLS
	Line/LNCD
	Line/SUNO
	Line/SMDT
	Line/ADQA
	Line/FWRF
	Line/BOLN
	Line/SUDO
	Line/CARN
	Line/COLI
	Line/OEND
	Line/PACN
	Line/PACC



Elements Used

MessagePart	Advice/Header
	PUNO
	LNCD
	SUNO
	SMDT
	FWRF
	BOLN
	SUDO
	CARN
	PACN
	PACC



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 Specification

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
Advice/Detail		C unbou	Purchase order detail
Parent1	Line	M 1	Purchase order line
Element	PNLI	M n 3	Purchase order line
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseLine Field: PNLI XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/PNLI</i>			
Parent1	Line	M 1	Purchase order line
Element	PNLS	C n 3	Purchase order line subnumber
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseLine Field: PNLS XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/PNLS</i>			
Parent1	Line	M 1	Purchase order line
Element	LNCD	C a 2	Language
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseLine Field: LNCD XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/LNCD</i>			
Parent1	Line	M 1	Purchase order line
Element	SUNO	C a 10	Supplier number
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseLine Field: SUNO XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/SUNO</i>			
Parent1	Line	M 1	Purchase order line
Element	SMDT	C d 10	Shipment date
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseLine Field: SMDT XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/SMDT</i>			



MessagePart		Repeat	Description
Advice/Detail		C unbou	Purchase order detail

Parent1	Line	M 1	Purchase order line
Element	ADQA	C n 15	Advised quantity alternate U/M

M3 Application Description:

M3 Application Specification:

API data MI program: PPS001MI Transaction: AdviseLine Field: ADQA

XPath: *PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/ADQA*

Parent1	Line	M 1	Purchase order line
Element	FWRP	C a 10	Forwarding agent reference

M3 Application Description:

M3 Application Specification:

API data MI program: PPS001MI Transaction: AdviseLine Field: FWRP

XPath: *PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/FWRP*

Parent1	Line	M 1	Purchase order line
Element	BOLN	C a 14	Bill of lading

M3 Application Description:

M3 Application Specification:

API data MI program: PPS001MI Transaction: AdviseLine Field: BOLN

XPath: *PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/BOLN*

Parent1	Line	M 1	Purchase order line
Element	SUDO	C a 20	Delivery not number

M3 Application Description:

M3 Application Specification:

API data MI program: PPS001MI Transaction: AdviseLine Field: SUDO

XPath: *PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/SUDO*

Parent1	Line	M 1	Purchase order line
Element	CARN	C a 30	Carrier name

M3 Application Description:

M3 Application Specification:

API data MI program: PPS001MI Transaction: AdviseLine Field: CARN

XPath: *PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/CARN*



MessagePart		Repeat	Description
Advice/Detail		C unbou	Purchase order detail
Parent1	Line	M 1	Purchase order line
Element	COLI	C n 1	*** Not in use *** Continue line
M3 Application Description:			
M3 Application Specification:			
API data MI program: PPS001MI Transaction: AdviseLine Field: COLI			
XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/COLI</i>			
Parent1	Line	M 1	Purchase order line
Element	OEND	C n 1	Flagged as complete
M3 Application Description:			
M3 Application Specification:			
API data MI program: PPS001MI Transaction: AdviseLine Field: OEND			
XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/OEND</i>			
Parent1	Line	M 1	Purchase order line
Element	PACN	C a 17	Package
M3 Application Description:			
M3 Application Specification:			
API data MI program: PPS001MI Transaction: AdviseLine Field: PACN			
XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/PACN</i>			
Parent1	Line	M 1	Purchase order line
Element	PACC	C a 17	Included in package
M3 Application Description:			
M3 Application Specification:			
API data MI program: PPS001MI Transaction: AdviseLine Field: PACC			
XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Detail/Line/PACC</i>			



MessagePart		Repeat	Description
Advice/Header		M 1	Purchase order header
Element	PUNO	M a 7	Purchase order number
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: PUNO XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/PUNO</i>			
Element	LNCD	C a 2	Language
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: LNCD XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/LNCD</i>			
Element	SUNO	C a 10	Supplier number
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: SUNO XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/SUNO</i>			
Element	SMDT	C d 10	Shipment date
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: SMDT XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/SMDT</i>			
Element	FWRF	C a 10	Forwarding agent reference
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: FWRF XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/FWRF</i>			
Element	BOLN	C a 14	Bill of lading
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: BOLN XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/BOLN</i>			



MessagePart		Repeat		Description
Advice/Header		M	1	Purchase order header
Element	SUDO	C	a 20	Delivery note number
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: SUDO XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/SUDO</i>				
Element	CARN	C	a 30	Carrier name
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: CARN XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/CARN</i>				
Element	PACN	C	a 17	Package
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: PACN XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/PACN</i>				
Element	PACC	C	a 17	Included in package
M3 Application Description: M3 Application Specification: API data MI program: PPS001MI Transaction: AdviseAll Field: PACC XPath: <i>PurchaseOrder_Advice_1/PurchaseOrder/Advice/Header/PACC</i>				

MessagePart		Repeat		Description
GeneralMessageHeader		M	1	General message header
Parent1	MessageIdentification	M	1	Message identification
Element	MessageObject	M		Message object
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageIdentification/MessageObject</i>				
Parent1	MessageIdentification	M	1	Message identification
Element	MessageMethod	M		Message method
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageIdentification/MessageMethod</i>				
Parent1	MessageIdentification	M	1	Message identification
Element	MessageVersion	M		Message version
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageIdentification/MessageVersion</i>				
Parent1	MessageIdentification	M	1	Message identification
Element	MessageIdentityNumber	M		MessageIdentityNumber
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageIdentification/MessageIdentityNumber</i>				
Parent2	MessageLanguage	M	1	MessageLanguage
Parent1	Language	M	1	Language
Element	Code	M		Code
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageLanguage/Language/Code</i>				
Parent2	MessageLanguage	M	1	MessageLanguage
Parent1	Language	M	1	Language
Element	Description	C		Description
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageLanguage/Language/Description</i>				
Parent2	MessageDate	M	1	Message Date
Parent1	DateAndTime	C	1	DateAndTime
Element	Date	M		Date
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageDate/DateAndTime/Date</i>				
Parent2	MessageDate	M	1	Message Date
Parent1	DateAndTime	C	1	DateAndTime
Element	Time	C		Time
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageDate/DateAndTime/Time</i>				

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: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageDate/DateAndTime/GMTOffset</i>				
Parent2	MessageDate	M	1	Message Date
Parent1	DateAndTime	C	1	DateAndTime
Element	DateFormat	C		Date format
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageDate/DateAndTime/DateFormat</i>				
Parent2	MessageDate	M	1	Message Date
Parent1	DateAndTime	C	1	DateAndTime
Element	TimeFormat	C		Time format
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageDate/DateAndTime/TimeFormat</i>				
Parent1	MessageFunction	C	1	Message function
Element	MessageFunctionIndicator	C		Message function indicator
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageFunction/MessageFunctionIndicator</i>				
Parent1	MessageStatus	C	1	Message status
Element	MessageStatusIndicator	C		Message status indicator
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/MessageStatus/MessageStatusIndicator</i>				
Parent1	ApplicationMessage	C	unbounded	Application message
Element	Identity	M		Identity
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/ApplicationMessage/Identity</i>				
Parent1	ApplicationMessage	C	unbounded	Application message
Element	SeverityCode	C		Severity code
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/ApplicationMessage/SeverityCode</i>				
Parent1	ApplicationMessage	C	unbounded	Application message
Element	Text	M		Text
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/ApplicationMessage/Text</i>				



MessagePart		Repeat		Description
GeneralMessageHeader		M	1	General message header
Parent1	ApplicationMessage	C	unbounded	Application message
Element	LanguageCode	M		Language code
XPath: <i>PurchaseOrder_Advice_1/GeneralMessageHeader/ApplicationMessage/LanguageCode</i>				



END