

PAI SAP EDI Implementation Guide

855 Purchase Order Acknowledgment

ANSI Segment Structure

Header

BAK

N9 * Header notes loop
MTX * (Replaces the NTE segment)

N1 Name / Address Loop
N3
N4

Detail

PO1

PID Part Description Loop

DTM

ACK Line changes loop

N9 * Line Text Loop
MTX * (Replaces the NTE segment)

Trailer

CTT

AMT

* = NEW SEGMENTS

Of all the ANSI 855 segments, only those shown above are mapped into SAP.

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HEADER INFORMATION

BAK Beginning Segment for P. O. Acknowledgment ANSI and PAI Required

BAK01 Transaction Set Purpose Code (353) ID 02/02 ANSI Required

Code indicating transaction type; PAI does not load this value into SAP.

'00' = Original

'06' = Confirmation

Are two expected values, but any standard value will be accepted..

BAK02 Acknowledgment type (587) ID 02/02 ANSI Required

Further indicate PO type, PAI does not load this code into SAP.

'AC' = Acknowledgment with detail and change

'AE' = Acknowledgment with exception detail only.

Are two expected values, but any standard value will be accepted.

BAK03 Purchase Order Number (324) AN 01/22 ANSI/PAI Required

The purchase order number. SAP length is 10 bytes. Purchase order numbers begin with '45000'.

BAK04 Purchase Order Date (373) DT 08/08 PAI Required

Purchase order date – CCYYMMDD

The date the purchase order is issued.

BAK06 Request Reference Number (326) AN 01/45 PAI Optional

In the standard, the Confirmation Number appears in two places. It can be supplied at header, but it is a required field at line item level. We recommend you send back your internal order number (we can accept up to 20 characters).

BAK09 Acknowledgment Date (373) DT 08/08 PAI Required

Purchase order acknowledgment date – CCYYMMDD

The date the purchase order is acknowledged.

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N9 Reference Segment

ANSI Required

In the standard, this segment is required to allow header text. Contents of this segment can be ignored.

<u>N901 Reference number qualifier (91)</u> 'L1' = Notes Valid ANSI codes	ID 01/02	ANSI Required
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<u>N902 Reference number (387)</u> 'NOTES'.	AN 01/35	ANSI Required
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MTX Message Segment

PAI Optional

In the transaction, this segment can appear at the header and at the line. This segment contains header text that the vendor wants to communicate to PAI.

<u>MTX01 Message qualifier (91)</u> 'GEN' = Header level text	ID 03/03	PAI Optional
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<u>MSG02 Message (387)</u> Header text.	AN 01/35	PAI Optional
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<u>N1 Name Segment</u>		PAI Required
<u>N101 Entity ID Code (98)</u>	ID 02/02	PAI Required
'ST' = Ship to		
'VN' = Vendor		
 <u>N102 Name (93)</u>	 AN 01/35	 PAI Required
Company name is freeform.		
 <u>N103 Identifier Code Qualifier (66)</u>	 ID 01/02	 PAI Optional
'9' = DUNS + 4		
 <u>N104 Identifier Code (67)</u>	 ID 02/17	 PAI Optional
DUNS + 4 value.		
 <u>N3 Address Information Segment</u>		 PAI Optional
<u>N301 Address (166)</u>	AN 01/35	PAI Optional
<u>N302 Address (166)</u>	AN 01/35	PAI Optional
 <u>N4 Geographic Location Segment</u>		 PAI Required
<u>N401 City Name (19)</u>	AN 02/19	PAI Required
<u>N402 State or Province Code (156)</u>	ID 02/02	PAI Required
<u>N403 Postal (ZIP) Code (116)</u>	ID 04/09	PAI Required
<u>N404 Country Code (26)</u>	ID 02/02	PAI Optional

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DETAIL (PO LINE ITEM) INFORMATION

<u>PO1 Line Item Change Segment</u>		ANSI Required
<u>PO101 Assigned identity (350)</u> Line number	AN 01/20	PAI Required
<u>PO102 Quantity ordered (330)</u> Original Order quantity	R 01/15	PAI Optional
<u>PO103 Unit of measure (355)</u> Original Unit of measure.	ID 02/02	PAI Required
<u>PO104 Unit price (212)</u> Original or changed Unit price.	R 01/17	PAI Required
<u>PO105 Basis of unit price code (639)</u> 'CP' is suggested as this field is not mapped to SAP.	ID 02/02	PAI Required
<u>PO106 Product code (235)</u> 'BP' = Buyer's Catalog Number	ID 02/02	PAI Required
<u>PO107 Product (234)</u> Phillip's SAP material number, or If no material number the word PHILLIPS will appear.	AN 01/48	PAI Required
<u>PO108 Product Code (235)</u> 'VP' = Vendor's Catalog Number	ID 02/02	PAI Optional
<u>PO109 Product (234)</u> Vendor's material number.	AN 01/48	PAI Optional
 <u>PID Product / Item Description Segment</u>		
<u>PID01 Item description type (349)</u> 'F' = Free form.	ID 01/01	PAI Optional
<u>PID05 Description (352)</u> Text describing part.	AN 01/80	PAI Optional

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<u>DTM Date / Time Reference Segment</u>		PAI Required
<u>DTM01 Date / Time qualifier (374)</u> '074' = Delivery date	ID 03/03	PAI Required
<u>DTM02 Date (373)</u> Delivery date – CCYYMMDD This is the original or changed date the materials are expected to be delivered.	DT 08/08	PAI Required

<u>ACK Related Instructions Segment</u>		PAI Optional
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<u>ACK01 Line Item Status Code (668)</u> Code indicating line status; PAI does not load this value into SAP. 'IC' = Item accepted – Changes Made. Valid ANSI codes are accepted.	ID 02/02	PAI Required
<u>ACK02 Quantity (380)</u> Changed Quantity.	R 01/15	PAI Optional
<u>ACK03 Unit of measure (355)</u> Changed Unit of measure.	ID 02/02	PAI Optional
<u>ACK06 Request Reference Number (326)</u> In this standard, the Confirmation Number also appears at the header. It is required here at line item level. We recommend you send back your internal order number (we can accept up to 20 bytes).	AN 01/45	PAI Required
<u>ACK07 Product code (235)</u> 'BP' = Buyer's Catalog Number	ID 02/02	PAI Optional
<u>ACK08 Product (234)</u> Phillip's SAP material number	AN 01/48	PAI Optional
<u>ACK09 Product Code (235)</u> 'VP' = Vendor's Catalog Number	ID 02/02	PAI Optional
<u>ACK10 Product (234)</u> Vendor's material number. The vendor's material number may be returned to PAI. This information will update the Purchase order.	AN 01/48	PAI Optional

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N9 Reference Segment

ANSI Required

In the standard, this segment is required to allow line text. Contents of this segment can be ignored.

<u>N901 Reference number qualifier (91)</u>	ID 01/02	ANSI Required
'L1' = Notes		
Valid ANSI codes		

<u>N902 Reference number (387)</u>	AN 01/35	ANSI Required
'NOTES'.		

MTX Message Segment

PAI Optional

In the standard, this segment appears in two places in the transaction. This segment contains PO line text information that the vendor wants to communicate back to PAI.

<u>MTX01 Message qualifier (91)</u>	ID 03/03	PAI Optional
'LIN' = Line level text		

<u>MTX02 Message (387)</u>	AN 01/35	PAI Optional
Line text.		

TRAILER INFORMATION

CTT Transaction Totals

PAI Required

<u>CTT01 Number of Line Items (354)</u>	N0 01/06	PAI Required
Number of line items (number of PO1 segments).		

AMT Monetary Amount

PAI Required

<u>AMT01 Amount qualifier (522)</u>	ID 01/02	PAI Required
'TT' = Total transaction amount		

<u>AMT02 Monetary Amount (782)</u>	R 01/15	PAI Optional
Total dollar value of PO.		