

**810**  
*Invoice*  
*Implementation Guide*



# 810: Invoice

## About This Guide

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**Introduction** This implementation guide details the Kimberly Clark business standards for EDI (Electronic Data Interchange) invoice transactions.

**Kimberly-Clark Contact list:**

EDI Business	Greg Kalmon	Ph: 865-541-7541 Fax: 865-920-3036 Email: <a href="mailto:gkalmon@kcc.com">gkalmon@kcc.com</a>
EDI Communications	E-Commerce Team	Ph: 920-721-4357 Fax: 920-225-4379 Email: <a href="mailto:Kimberly.Clark.ECOM@kcc.com">Kimberly.Clark.ECOM@kcc.com</a>

**Please communicate any changes to this process with the above parties. This includes VAN changes, EDI Id changes, adding/changing freight, taxes, or additional amounts. Changes could result in your invoices being rejected.**

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**Definition** The EDI 810 invoice document is an electronic method for sending or receiving invoice information for purchased products or services.

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**In this guide** This guide includes information on the following topics:

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# EDI Standards

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<b>Introduction</b>	This section describes the EDI standards supported in general and for invoices in particular.
<b>EDI Usage Standards</b>	Kimberly Clark accepts the ANSI ASC X12 standards for all EDI documents.
<b>ANSI 810 Format</b>	Kimberly Clark uses the ANSI 810 format to support the electronic request for payment due on products and services provided by your company to Kimberly Clark.
<b>Additional Documentation</b>	Official documentation for this transaction set is available from DISA (Data Interchange Standards Association). Contact:  Washington Publishing Company (800) 972-4334

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# Rules for Receiving Invoices

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<b>Introduction</b>	This section describes the basis of a successful EDI relationship, how to get started implementing invoice transactions.
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<b>Basic Principle</b>	Once an EDI relationship has been established, the need to remit paper copies of invoices will be eliminated.
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EDI should be the first method of communication.

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<b>Conditions</b>	<ul style="list-style-type: none"><li>• An invoice may not reference more than one PO.</li><li>• Invoices should not contain more than 99 invoice item lines.</li></ul>
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<b>Getting Started</b>	<p>To begin implementing EDI invoice transactions:</p> <ul style="list-style-type: none"><li>• Confirm with your sales representative the payment terms, general terms and conditions, FOB and allowance charges established for your purchase orders and invoices. These terms will serve as the default entries for your invoices.</li></ul>
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# X12 and Data Content Specifications

## Instructions

Follow these rules for X12 and data content.

Item	Rule(s)
Codes/Qualifiers	<ul style="list-style-type: none"><li>• Codes will be transmitted instead of text wherever possible to increase accuracy and efficiency.</li><li>• See pages 9 – 14 for a list of acceptable codes.</li></ul>
Credit Invoices	<ul style="list-style-type: none"><li>• A credit invoice may be indicated by transmitting a 'CR' or 'CN' qualifier in BIG 07 segment.</li></ul>
Special Charge Items	<ul style="list-style-type: none"><li>• The SAC segment should be used for special charge items.</li></ul>
Remit-To Address	<ul style="list-style-type: none"><li>• The “remit to” location of a payment can be changed with each invoice. This may be done by changing the N 104 segment to a vendor id provided by the Kimberly-Clark business contact.</li></ul>
Multiple Purchase Orders	<ul style="list-style-type: none"><li>• We do not accept multiple PO's on one invoice.</li></ul>
Vendor Credits	<ul style="list-style-type: none"><li>• Credit allowances such as volume discounts can be transmitted using the SAC 01 qualifier of 'A' and SAC 12 qualifier of '04'.</li></ul>

# Communications Specifications

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## Introduction

EDI documents can be received through a direct connection, third party network, or interconnect between two networks.

Kimberly-Clark's primary value-added network is IBM. We will use IBM for all interconnects when available.

Kimberly-Clark Uses different IDs for test and production documents.

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## Versions Supported

ANSI 810 versions supported: 004010.

Only the segments listed in this guide will be recognized by the system.

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## Data Transmission

- Data is received at least 5 times per hour, 24 hours a day, seven days a week.
  - Functional acknowledgments (997) will be returned within 24 hours of receiving data.
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## Unique GS Identifiers

- Kimberly Clark 810 EDI Invoices use a unique GS identifier. A list of these ids will be supplied with our technical specifications.
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# Document Structure

## Introduction

EDI invoicing can be accomplished through the use of a variety of different segments and qualifiers. Kimberly Clark has selected a subset of the ANSI 810 document standards for our internal use. These are the only segments that will be recognized.

## Basic Structure

An EDI invoice document includes four sections. They are:

- Enveloping Information
- Header
- Detail
- Trailer

## Enveloping Information Table

The following table specifies enveloping information for production and test documents.

Kimberly-Clark has a partnership with two different Value Added Networks (VANS). Please identify and use the ids designated below which corresponds with the VAN in which your Network is capable of interconnecting.

## Direct Connection or IBM Interconnect

Element	Production Value	Test Value
ISA SEGMENT		
ISA05	Sender qualifier	Sender qualifier
ISA06	Sender ID	Sender ID
ISA07	ZZ	ZZ
ISA08	KIMCLARKPURC	KIMCLARKTEST
GS SEGMENT		
GS01	IN	IN
GS02	Sender ID	Sender ID
GS03	KIMCLARKPURC	KIMCLARKPURC
GS06	Control # - no duplicates	Control # - no duplicates
GS07	X	X
GS08	Version (Example: 004010)	Version (Example: 004010)

## Sterling Commerce

Element	Production Value	Test Value
ISA SEGMENT		
ISA05	Sender qualifier	Sender qualifier
ISA06	Sender ID	Sender ID
ISA07	ZZ	ZZ
ISA08	KCPURCHASING	KCTESTING
GS SEGMENT		
GS01	IN	IN
GS02	Sender ID	Sender ID
GS03	KIMCLARKPURC	KIMCLARKPURC
GS06	Control # - no duplicates	Control # - no duplicates
GS07	X	X
GS08	Version (Example: 004010)	Version (Example: 004010)

## Document Structure, Continued

**ANSI 810  
Document  
Structure Table**

The table below specifies requirements for the structure and segment usage of the subset of the 810 standard supported by Kimberly-Clark.

Legend:

**M** = Mandatory Element

**O** = Optional Element

Document Structure and Segment Usage Requirements				
Requirement	Segment	Max Use	Loop Use	
Header				
M	ST	1		
M	BIG	1		
O	CUR	1		
O	REF	12	}	2
O	PER	3		3
M	N1	1		
O	N3	2	}	5
O	N4	2		
O	ITD	>1		
O	DTM	10		
Detail				
O	IT1	1	}	146
O	IT3	5		
O	PID	1	}	365
O	DTM	10		
O	REF	>1	}	584
O	SAC	1		
Trailer				
M	TDS	1		
O	CAD	1		
M	TXI	1	}	5
O	SAC	1		
M	CTT	1		
M	SE	1		



# Header Segment/Element Usage

**Introduction** The segments and element usage for the header are described in the table below.

**Header Table** Legend:  
**M** = Mandatory Element  
**O** = Optional Element  
**R** = Element Required, if segment is included

Requirement	Element Name	Comments/Codes Accepted	
	<b>ST</b>	<b>TRANSACTION SET HEADER</b>	
<b>M</b>	ST 01	TRANSACTION SET IDENTIFIER CODE	810 = Invoice
<b>M</b>	ST 02	TRANSACTION SET CONTROL NUMBER	
	<b>BIG</b>	<b>BEGINNING SEGMENT FOR INVOICE</b>	
<b>M</b>	BIG 01	INVOICE DATE	CCYYMMDD
<b>M</b>	BIG 02	INVOICE NUMBER	
<b>O</b>	BIG 04	PURCHASE ORDER NUMBER	
<b>O</b>	BIG 07	TRANSACTION TYPE CODE	CN or CR = Credit Invoice All Others = Debit Invoice
	<b>CUR</b>	<b>CURRENCY</b>	
<b>M</b>	CUR 01	ENTITY IDENTIFIER CODE	RE = Party to Receive Invoice VN = Vendor ZZ = Mutually Defined Standard ISO Code
<b>M</b>	CUR 02	CURRENCY CODE	
	<b>REF</b>	<b>REFERENCE IDENTIFICATION</b>	
<b>O</b>	REF 01	REFERENCE IDENTIFICATION QUALIFIER	GT = GST Reg, Number (Canadian Vendor)
<b>O</b>	REF 02	REFERENCE IDENTIFICATION	As specified b data element code
	<b>PER</b>	<b>ADMINISTRATIVE COMMUNICATIONS CONTACT</b>	
<b>R</b>	PER 01	CONTACT FUNCTION CODE	OC = Order Contact PJ = Project Manager All others = Bill Inquiry Contact
<b>R</b>	PER 02	NAME	Free Form
<b>O</b>	PER 03	COMM. NUMBER QUALIFIER	TE = Telephone
<b>O</b>	PER 04	COMMUNICATIONS NUMBER	As specified by data element codes

*Continued on next page*

## Header Segment/Element Usage, Continued

### Header Table (Continued)

Legend:

**M** = Mandatory Element

**O** = Optional Element

**R** = Element Required, if segment is included

Requirement	Element Name		Comments/Codes Accepted
	<b>N1</b>	<b>NAME</b>	
<b>M</b>	N1 01	ENTITY IDENTIFIER CODE	RE = Remit To BF = Bill From SF = Ship From ST = Ship To
<b>O</b>	N1 02	NAME	Free Form
<b>O</b>	N1 03	IDENTIFICATION CODE QUALIFIER	All values - Assigned by Buyer
<b>O</b>	N1 04	IDENTIFICATION CODE	KC Vendor Number (Only used with RE Qualifier - See X12 and Data Content Specifications)
	<b>N3</b>	<b>ADDRESS INFORMATION</b>	
<b>R</b>	N3 01	ADDRESS INFORMATION	Free Form
<b>O</b>	N3 02	ADDRESS INFORMATION	Free Form
	<b>N4</b>	<b>GEOGRAPHIC LOCATION</b>	
<b>R</b>	N4 01	CITY NAME	Free Form
<b>O</b>	N4 02	STATE OR PROVINCE CODE	Free Form
<b>O</b>	N4 03	POSTAL CODE	Free Form
<b>O</b>	N4 04	COUNTRY CODE	Free Form
	<b>ITD</b>	<b>TERMS OF SALE / DEFERRED TERMS OF SALE</b>	
<b>O</b>	ITD 02	TERMS BASIS DATE CODE	03 = Invoice Date 05 = Invoice Receipt Date
<b>O</b>	ITD 03	TERMS DISCOUNT PERCENT	Discount Expressed as a Percent
<b>O</b>	ITD 05	TERMS DISCOUNT DAYS DUE	Number of Days to Receive Discount
	<b>DTM</b>	<b>DATE/TIME REFERENCE</b>	
<b>R</b>	DTM 01	DATE/TIME QUALIFIER	011 = Ship Date
<b>R</b>	DTM 02	DATE	CCYYMMDD

**Introduction**

The segments and element usage for the transaction detail are described in this section.

**Detail Table**

Legend:

**M** = Mandatory Element

**O** = Optional Element

**R** = Element Required, if segment is included

Requirement	Element Name	Comments/Codes Accepted	
IT1 BASELINE ITEM DATA (INVOICE)			
M	IT1 01	ASSIGNED IDENTIFICATION	PO Line Item Identification
M	IT1 02	QUANTITY INVOICED	Quantity Invoiced (Supplier Units)
M	IT1 03	UNIT OR BASIS FOR MEASUREMENT CODE	As Specified - Separate Listing per Agreement
M	IT1 04	UNIT PRICE	Unit Price for Item
M	IT1 06	PROD/SERV ID QUALIFIER	BP = Buyer's Part Number IN = Buyer's Item Number PI = Purchaser's Item Code
M	IT1 07	PROD/SERV ID	Identifying Number as Requested
O	IT1 08	PROD/SERV ID QUALIFIER	MG = Manufacturer's Part Number
O	IT1 09	PROD/SERV ID	Identifying Number as Requested
IT3 ADDITIONAL ITEM DATA			
R	IT3 01	NUMBER OF UNITS SHIPPED	# Units in Manufactures Ship Units
R	IT3 02	UNIT OR BASIS FOR MEASUREMENT CODE	As Specified - Separate Listing per Agreement
PID PRODUCT / ITEM DESCRIPTION			
R	PID 01	ITEM DESCRIPTION TYPE	Free Form
O	PID 05	DESCRIPTION	Free Form
REF REFERENCE IDENTIFICATION			
R	REF 01	REFERENCE IDENTIFICATION QUALIFIER	PO = Purchase Order # SC = Shipper Car # VN = Tank # TF = Transfer #
R	REF 02	REFERENCE IDENTIFICATION	
DTM DATE/TIME REFERENCE			
R	DTM 01	DATE/TIME QUALIFIER	011 = Ship Date
R	DTM 02	DATE	CCYYMMDD
SAC SERVICE, PROMOTION, ALLOWANCE OR CHARGE INFORMATION			
O	SAC 01	ALLOWANCE/CHARGE INDICATOR	C = Charge
O	SAC 02	SERVICE, PROMOTION, ALLOWANCE, OR CHARGE CODE	E190 = Labor Charges F050 = Other ZZZZ = Mutually Defined
O	SAC 05	AMOUNT	
O	SAC 12	ALLOWANCE OR CHARGE METHOD OF HANDLING CODE	06 = Charge To Be Paid By Customer
O	SAC 15	DESCRIPTION	Free Form

# Trailer Segment/Element Usage

**Introduction** The segments and element usage for the trailer are described in the table below.

**Trailer Table** Legend:  
**M** = Mandatory Element  
**O** = Optional Element  
**R** = Element Required, if segment is included

Requirement	Element Name		Comments/Codes Accepted
	<b>TDS</b>	<b>TOTAL MONETARY VALUE SUMMARY</b>	
<b>M</b>	TDS 01	AMOUNT	Total Invoice Before Terms Discount (If Applicable)
<b>O</b>	TDS 03	AMOUNT	Amount Due By Discount Due Date
<b>O</b>	TDS 04	AMOUNT	Total Discount
	<b>TXI</b>	<b>TAX INFORMATION</b>	
<b>M</b>	TXI 01	TAX TYPE CODE	LS = State & Local Sales Tax GS = Goods and Service Tax (Canadian Vendor)
<b>R</b>	TXI 02	MONETARY AMOUNT	As Specified by Data Element
<b>R</b>	TXI 03	PERCENT	Percentage Expressed as a Decimal
	<b>CAD</b>	<b>CARRIER DETAIL</b>	
<b>R</b>	CAD 04	STANDARD CARRIER ALPHA CODE	
<b>R</b>	CAD 05	ROUTING	Free Form Description of Original Carrier
<b>O</b>	CAD 07	REFERENCE NUMBER QUALIFIER	BM = Bill of Lading Number
<b>R</b>	CAD 08	REFERENCE NUMBER	As Specified by Data Element
	<b>SAC</b>	<b>SERVICE, PROMOTION, ALLOWANCE OR CHARGE INFORMATION</b>	
<b>M</b>	SAC 01	ALLOWANCE/CHARGE INDICATOR	A = Allowance C = Charge
<b>R</b>	SAC 02	SERVICE, PROMOTION, ALLOWANCE, OR CHARGE CODE	C040 = Delivery D240 = Freight I280 = Transportation Vendor Provided I500 = Vendor Freight B570 = Container Deposit F050 = Other ZZZZ = Mutually Defined
<b>O</b>	SAC 05	AMOUNT	As Specified by Data Element
<b>M</b>	SAC 12	ALLOWANCE OR CHARGE METHOD OF HANDLING CODE	04 = Credit Customer Account 06 = Charge To Be Paid By Customer
<b>R</b>	SAC 15	DESCRIPTION	Free Form
	<b>CTT</b>	<b>TRANSACTION TOTALS</b>	
<b>M</b>	CTT 01	NUMBER OF LINE ITEMS	Total Lines in Transaction Set
	<b>SE</b>	<b>TRANSACTION SET TRAILER</b>	
<b>M</b>	SE 01	NUMBER OF INCLUDED SEGMENTS	Total Number of Segments
<b>M</b>	SE 02	TRANSACTION SET CONTROL NUMBER	Control Number of Originator Set

# EDI Document Testing

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## Introduction

We will test the accuracy and reliability of EDI production documents to verify the communications link, proper delivery and compliance with X12 standards and common industry practices. Multiple tests may be required.

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## Test Documents

Please base test documents on actual prior orders to simulate real invoice scenarios.

Functional Acknowledgments (997) will be automatically sent unless we are notified to do otherwise.

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# Sample Customer Invoice 810

## Sample 810

The following is a sample of an ANSI 810 Partners invoice.

ANSI ASC X12 EXAMPLE	EXPLANATION
ST*810*140223025	Control number is 140223025.
BIG*19990402*1111070123**00AB1234CD** *DI	This is invoice number 1111070123 dated 4/2/99. The PO number for the order was 00AB1234CD.
CUR*RE*USD	All invoices are billed in US dollars.
REF*GT*06951695	Vendor number is 06951695.
PER*AR*John Doe*TE*234-456-7890	The Sender contact name and phone number
N1*BT* KIMBERLY CLARK CORP	Bill-to name
N3* P.O. BOX 2606	Bill-to-address
N4* WACO*TX* 76702*US	Bill-to geographic location
N1*ST*KIMBERLY CLARK PLANT	Ship-to name
N3* 2600 FEDERAL AVE.	Ship-to address
N4* EVERETT*WA* 98201*US	Ship-to geographic location
N1*RE*VENDOR NAME*9*00130690	Remit to Vendor Location
N3*123 City Street	Remit-to address
N4*Anytown*PA*152640160*US	Remit-to geographic location
ITD**3*1**15**15	Terms
DTM*011*19990412	Date shipped
IT1*000001*10000*EA*250**IN* 117115101*MG*10500C	Invoice is for 10,000 items at \$250.00 per thousand. The KC Item number is 117115101 and Manufacturer's part number is 10500C.
IT3*10000*EA	10,000 items shipped
PID*F****25 POUND BOX	Freeform item description is for 25-pound boxes.
REF*SC*64334	Shipper Car number.
REF*PO*00AB1234CD	PO number (per item) in shipment.
SAC*C*ZZZZ***60*****06**SET-UP	A charge of \$60 for setup to be paid by customer.
TDS*2510 00**2485 00*25 00	Total amount of the invoice is \$2,500. If paid by discount due date, a \$25 discount would be applied for a reduced total of \$2,485.
TXI~LS~1000 02	Local and state tax is 10.00.
CAD*U****UPS GROUND	Item was shipped by UPS Ground.
SAC*C*D240***50*****06**FREIGHT	A total charge of \$50 for freight to be paid by customer.
CTT*1	
SE*28*140223025	