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# INTRODUCTION TO EDIFACT

presented by EIDX



# CONTENTS

- Definitions
- Data Mapping
- Organizations
- X12/EDIFACT Differences
- Basic Components  
(Messages, Segments, Composites, Data Elements)
- Codes and Qualifiers

# Electronic Data Interchange

## *The Cornerstone of Electronic Commerce*

**EDI is the Computer to Computer Exchange of *Routine* Business Documents in a *Standard* Format.**

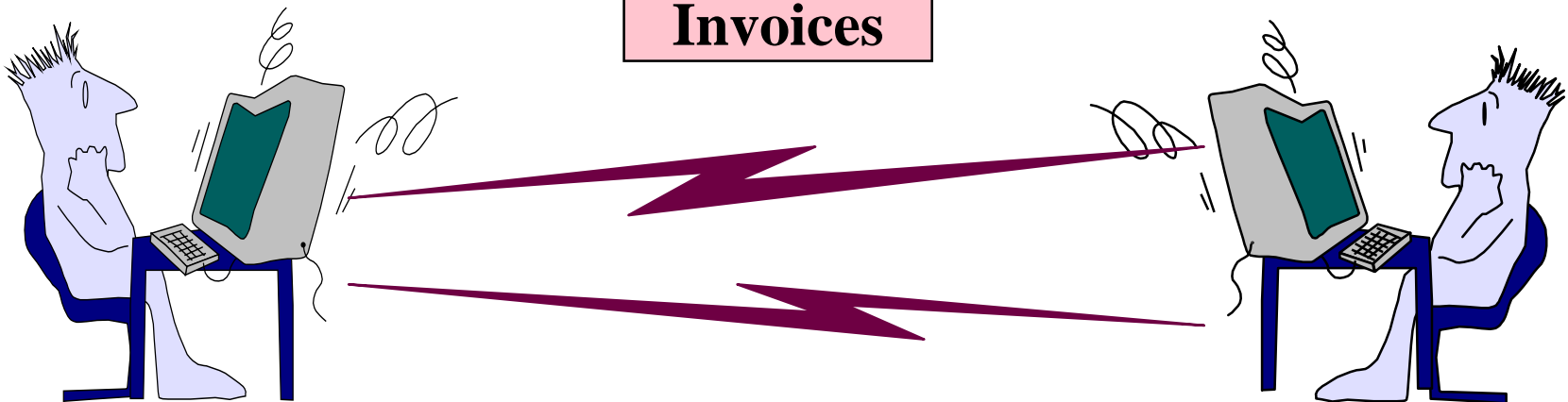
Ship Notices

Payments

Bills of Lading

Purchase Orders

Invoices





# DATA MAPPING

The logical and physical process of defining the relationship between proprietary application data & counterparts in EDI standard transactions / messages.

*It is only one aspect of new transaction implementation.*

# LOGICAL MAPPING

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## **The Process of Identifying and Documenting the Relationship between Application Data and its EDI Standard Segment and Data Element Counterpart.**

Requires thorough understanding of:

- ◀ Internal Application & EDI Standard Format Architecture
- ◀ Data or Code Definitions & Purpose
- ◀ Identification of All Essential Source/Destination Fields Applicable to the Standard Message
- ◀ Data Rules for Inbound vs. Outbound Processing

# **PHYSICAL MAPPING**

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**Actual Process of Moving  
Application Data  
to/from Standards Formats.**

Requires :

- ◀ Interfaces, Reformats, Translator
- ◀ Standards Architecture Knowledge
- ◀ Code Conversions

# DATA MAPPING

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*For INBOUND documents:*

**Moving Data**

**FROM** Standard Segments & Elements

**TO** Internal Proprietary Records & Data Fields

*For OUTBOUND documents:*

**Moving Data**

**FROM** Internal Proprietary Records & Data Fields

**TO** Standard Segments & Elements

*Data may need cross-referencing*

# STANDARDS ORGANIZATIONS

## American National Standards Institute (ANSI)

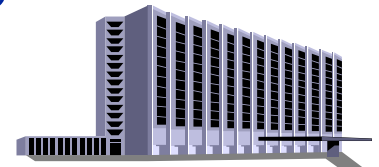
- Approves Standards (1983, 1986, 1992);  
Does Not Develop Standards

## ANSI Accredited Standards Committee X12 (ASC X12)

- Develops U.S. Standards for Trial Use
- Representation from Many Industries

## United Nations - *EDI For Administration, Commerce and Trade* (UN-EDIFACT)

- Develops International Standards





# **INDUSTRY ORGANIZATIONS**

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## ***EIDX (Electronics Industry Data Exchange Association)***

Industry guidelines and recommendations  
on the use of the standards

## ***EDIFICE (EDI For Companies Interested in Computing and Electronics)***

European counterpart to EIDX

## ***EDIMAN (EDI for MANufacturing)***

Singapore counterpart to EIDX

## ***EIAJ (Electronics Industry Association Japan)***

Japanese counterpart to EIA and EIDX

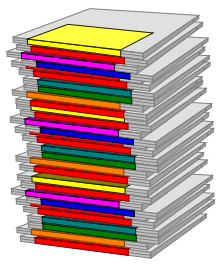
# **EDIFACT BASICS**

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- Messages
- Segments & Segment Groups
- Data Elements
- Composites
- Control Characters

## Building Blocks

- UN/EDIFACT Trade Data Interchange Directory (UNTDID)
- UN Standard Message Types (UNSMs)
- UN/EDIFACT Message Directory (UNEDMD or EDMD)
- UN/EDIFACT Segment Directory (UNEDSD or EDSD)
- UN/EDIFACT Composite Directory (UNEDCD or EDCD)
- UN/EDIFACT Data Element Directory (UNEDED or EDED)  
(Subset of ISO 7273) within UN Trade Data Element Directory (UNTDDED)
- UN/EDIFACT Code Lists Directory (UNCL)
- EDIFACT Syntax Rules (ISO 9735)
- Syntax Implementation Guidelines
- Message Design Guidelines



# EDIFACT

## Data Directories

*EDIFACT Basics*

Old Notation: Year (YY), Version  
New Notation: Status, Year (YY), Version

Old Notation: 90.1, 90.2, 92.1, 92.2, etc.

New Notation: D.93A, D.93B ... D.96A, D.96B, etc.

Status: D = Draft (contains trial messages)

S = Standard (contains UNSMs)

Version: A = First edition for that year

B = Second edition for that year

# ASC X12/ EDIFACT ORDERS COMPARISON

## ASC X12 PURCHASE ORDER TRANSACTION

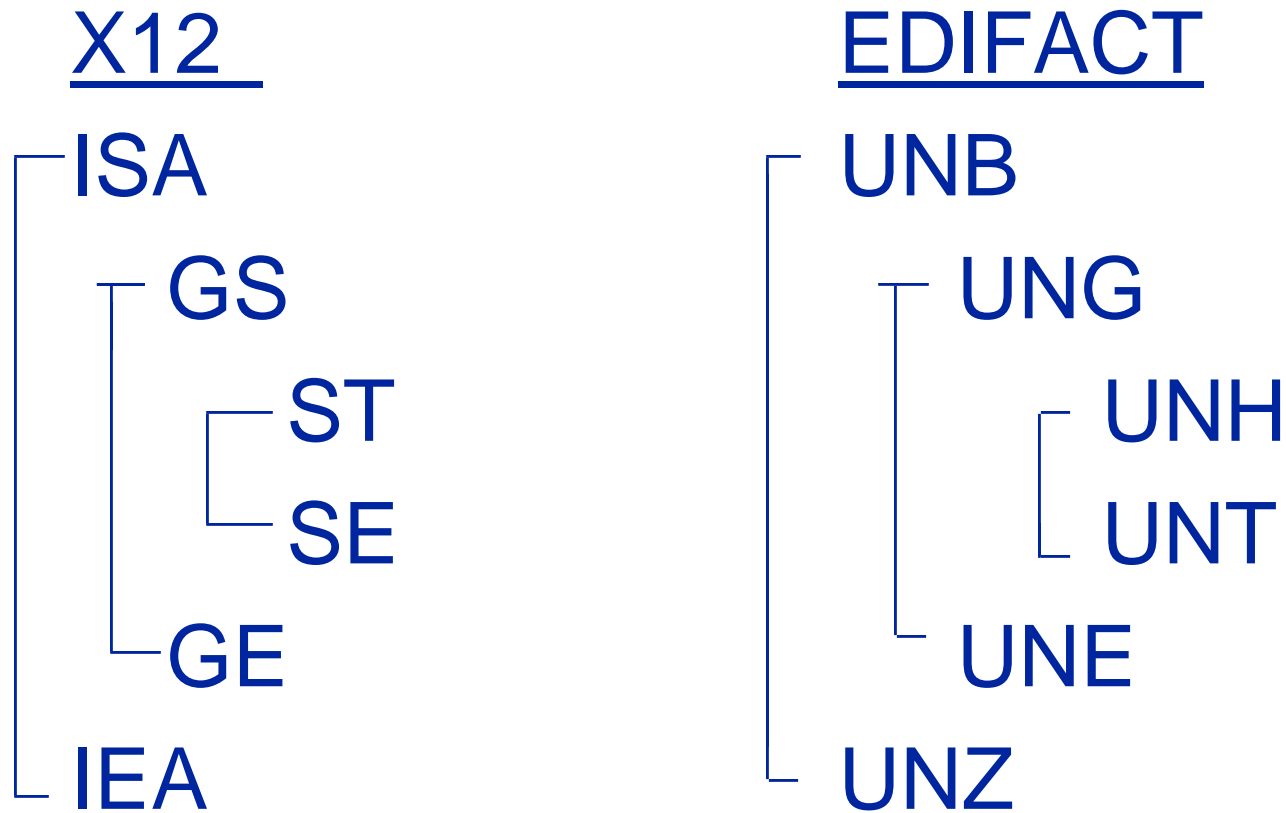
ST~850~0001 @  
BEG~00~SA~P54356+~~960626~~CN2345 @  
N1~BT~ACME CORP.~92~AC323 @  
N1~ST~ACME CORP.~92~AC9876 @  
PO1~01~500~2.99~CT~BP~1820-  
0232~EC~C~VP~GF9876 @  
SCH~200~EA~~~~002~960715 @  
SCH~300~EA~~~~002~960820~  
CTT~1~500 @  
SE~9~0001 @

## EDIFACT ORDERS MESSAGE

UNH+0001+ORDERS:2:921:UN:EIVER1'  
BGM+105+P54356+9'  
DTM+4+960626:101'  
RFF+CT:CN2345'  
NAD+BT+AC323:92'  
NAD+ST+AC9876:92'  
LIN+01++1820-0232:BP'  
PIA+1+C:EC+GF9876:VP'  
QTY+21:500:PCE'  
PRI+1:2.99:CT::1'  
SCC+1+DD'  
QTY+133:200'  
DTM+2:960715:101'  
QTY+133:300'  
DTM+2:960820:101'  
CNS+S'  
CTN+2:1'  
CNT+19+1800  
UNT+19+0001'

# ENVELOPES

## ASCX12/EDIFACT



# X12/EDIFACT DIFFERENCE

## Segments

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### ASC X12 SEGMENTS

- **Specific Function**
- **Long Segments**

### UN/EDIFACT SEGMENTS

- **Generic Function**  
**(Data Element Qualifiers  
define specific meanings)**
- **Short Segments**

# X12/EDIFACT DIFFERENCE

## Number of Components

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### ASC X12

**1000+ SEGMENTS**

**FEW COMPOSITE  
ELEMENTS**

**1100+ DATA ELEMENTS**

**60 + BEGINNING SEG.**

**100 + DATA/TIME DATA  
ELEMENT**

### UN/EDIFACT

**80+ SEGMENTS**

**100+ COMPOSITE  
ELEMENTS**

**130+ DATA ELEMENTS**

**1 BEGINNING SEG.**

**1 DATA/TIME DATA  
ELEMENT**



# X12/EDIFACT DIFFERENCE

## REUSABLE SEGMENTS

### □ X12 SEGMENT

BEG = Function + Type + Identification + Date + Time

BIA = Function + Type + Identification + Date + Time

### EDIFACT SEGMENT

BGM segment =

(Identification + Function + Type + Response)

DTM segment (Date/Time)

# **SAMPLE BEGINNING SEGMENTS**

<b>X12 Segment</b>	<b>Txn</b>	<b>Description</b>
<b>BIG</b>	810	Invoice Header Data
<b>BEG</b>	850	PO Header Data
<b>BAK</b>	855	PO Ack Header Data
<b>BSN</b>	856	Ship Notice Header Data

## **EDIFACT Segment**

<b>BGM</b>	All	Beginning of <i>all</i> Messages
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## X12/EDIFACT DIFFERENCE LONG VS SHORT SEGMENTS

### X12

(A SINGLE SEGMENT - BCH)

○ **BCH** = Function + Type + ID + Ref + Ref + Date +  
Ref + Ref + Ref + Date + Date

### EDIFACT SEGMENT

(REUSABLE SEGMENTS)

○ **BGM + DTM + DTM + DTM + RFF + RFF + RFF + RFF**

# CONTROL CHARACTERS

- SEGMENT TERMINATORS => Default ‘
- DATA ELEMENT SEPARATOR => Default +
- DATA ELEMENTS WITHIN A COMPOSITE  
=> *Default* :
- RELEASE CHARACTER ?  
‘CARGO:AIR’      *Send as*      ‘CARGO?:AIR’  
‘WHAT?’          *Send as*          ‘WHAT??’

# **X12/EDIFACT**

## **Many Same/Similar Segment Names**

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<u>X12</u>	<u>EDIFACT</u>	<u>Description</u>
TAX	TAX	Tax
DTM	DTM	Date/Time
QTY	QTY	Quantity
REF	RFF	Reference
SCH	SCC	Schedule
CUR	CUX	Currency

# PAPER & MESSAGE TERM COMPARISON

**BUSINESS  
DOCUMENTS**

*EQUAL*

**MESSAGE**

**INVOICES  
PURCHASE ORDER**

**INVOIC  
ORDERS**

**GROUPS OF DATA**

*EQUAL*

**SEGMENTS**

**PO LINE ITEM  
SCHEDULES DATES  
SCHEDULE QTY**

**LIN SEGMENTS  
DTM SEGMENT  
QTY SEGMENT**

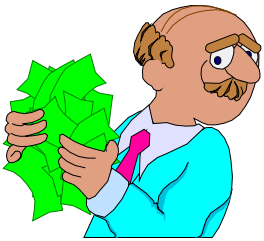
**INDIVIDUAL DATA**

*EQUAL*

**DATA ELEMENTS**

**PO NUMBER  
PO DATE  
PART NUMBER  
ITEM QTY  
SCHEDULE QTY  
SCHEUDLE DATE**

**1004 DOCUMENT (Qu: 105)  
2380 DATE (Qual: 4)  
7140 LINE ITEM  
6060 QTY (Qual: 21 Schd)  
6060 QTY (Qual: 133 Schd)  
2380 DATE (Qual: 2 Schd)**



# BUSINESS DOCUMENTS to TRANSACTIONS / MESSAGES

<u>X12 Txn</u>	<u>EDIFACT Msg</u>	<u>Business Paper Document</u>
810	INVOIC	Invoice
830	DELFOR	Forecast
832	PRICAT	Price Catalog
850	ORDERS	Purchase Order; Blanket Order
855/865	ORDRSP	PO Acknowledgment
860	ORDCHG	PO Change
856	DESADV	Shipment Notice
852		Product Activity Data
	CUSDEC	Customs Declaration
813		Electronic Filing of Tax Return
	BAPLIE	Bayplan/Stowage Plan Occupied and Empty Locations

# ORDERS (Purchase Orders)

## (Header: Header, Segment Groups 1-5)

	Pos. No.	Seg. ID	Name	Req. Des	Max. Use	Group Repeat	Notes
Must Use	005	UNH	Message Header	M	1		
Must Use	010	BGM	Beginning of Message	M	1		
Must Use	015	DTM	Date/Time/Period	M	35		
	035	FTX	Free Text	C	5		
Segment Group 1: RFF-DTM				C		10	
Must Use	040	RFF	Reference	M	1		
	045	DTM	Date/Time/Period	C	5		
Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5				C		20	
Must Use	050	NAD	Name and Address	M	1		
Segment Group 3: RFF-DTM				C		10	
Must Use	065	RFF	Reference	M	1		
Segment Group 4: DOC-DTM				C		5	
Must Use	075	DOC	Document/Message Details	M	1		
Segment Group 5: CTA-COM				C		5	
Must Use	085	CTA	Contact Information	M	1		
	090	COM	Communication Contact	C	5		



# ORDERS (Purchase Orders) (Header: Segment Groups 6-18)

	Pos. No.	Seg. ID	Name	Req. Des	Max. Use	Group Repeat	Notes
			Segment Group 6: TAX-MOA-LOC	C		5	
Must Use	095	TAX	Duty/Tax/Fee Details	M	1		
			Segment Group 7: CUX-PCD-DTM	C		5	
Must Use	110	CUX	Currencies	M	1		
			Segment Group 9: TDT-SG10	C		10	
Must Use	145	TDT	Details of Transport	M	1		
			Segment Group 10: LOC-DTM	C		10	
Must Use	150	LOC	Place/Location Identification	M	1		
	155	DTM	Date/Time/Period	C	5		
			Segment Group 11: TOD-LOC	C		5	
Must Use	160	TOD	Terms of Delivery	M	1		
	165	LOC	Place/Location Identification	C	2		
			Segment Group 18: ALC-ALI-DTM-SG19-SG20-SG21-SG22-SG23	C		15	
Must Use	260	ALC	Allowance or Charge	M	1		

# ORDERS (Purchase Orders)

## (Detail Section: Segment Group 25 - 36)

Pos. No.	Seg. ID	Name	Req. Des	Max. Use	Group Repeat	Notes
		Segment Group 25: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-MOA-GIN-GIR-QVA-DOC-PAI-FTX-SG26-SG27-SG28-SG29-SG32-SG33-SG34-SG38-SG44-SG46-SG47-SG48-SG50	C		200000	
Must Use	005	LIN	Line Item	M	1	
	010	PIA	Additional Product Id	C	25	
	015	IMD	Item Description	C	10	
	025	QTY	Quantity	C	10	
		Segment Group 27: PRI-CUX-API-RNG-DTM	C		25	
Must Use	100	PRI	Price Details	M	1	
		Segment Group 28: RFF-DTM	C		10	
Must Use	125	RFF	Reference	M	1	
	130	DTM	Date/Time/Period	C	5	
		Segment Group 29: PAC-MEA-QTY-DTM-SG30-SG31	C		10	
Must Use	135	PAC	Package	M	1	
		Segment Group 36: DOC-DTM	C		5	
Must Use	235	DOC	Document/Message Details	M	1	
Not Used	240	DTM	Date/Time/Period	C	5	

# ORDERS (Purchase Orders)

## (Detail: Segment Groups 38 - 49)

Pos. No.	Seg. ID	Name	Req. Des	Max. Use	Group Repeat	Notes
		Segment Group 38: ALC-ALI-DTM-SG39-SG40-SG41-SG42-SG43	C		15	
Must Use	255	ALC	Allowance or Charge	M	1	
		Segment Group 44: TDT-SG45	C		10	
Must Use	320	TDT	Details of Transport	M	1	
		Segment Group 45: LOC-DTM	C		10	
Must Use	325	LOC	Place/Location Identification	M	1	
	330	DTM	Date/Time/Period	C	5	
		Segment Group 46: TOD-LOC	C		5	
Must Use	335	TOD	Terms of Delivery	M	1	
	340	LOC	Place/Location Identification	C	2	
		Segment Group 48: SCC-FTX-RFF-SG49	C		100	
Must Use	365	SCC	Scheduling Conditions	M	1	
		Segment Group 49: QTY-DTM	C		10	
Must Use	380	QTY	Quantity	M	1	
	385	DTM	Date/Time/Period	C	5	

# ORDERS (Purchase Orders)

## (Section Control and Summary Section)

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des</b>	<b>Max. Use</b>	<b>Group Repeat</b>	<b>Notes</b>
Must Use	005	UNS	Section Control	M	1		
	015	CNT	Control Total	C	10		
Must Use	035	UNT	Message Trailer	M	1		

# UN/EDIFACT MESSAGE DEFINES...

- Segments that make up a Message
- The Sequential Order of Segments/SG
- Maximum Times a Segment/SG may Repeat
- Whether a Segment/SG is Mandatory or Conditional

*SG = Segment Group*

# **EDIFACT MESSAGE COMPOSITION**

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## **HEADER SECTION (One Occurrence)**

- Codes, Addresses, Contracts, References

## **DETAIL SECTION (Multiple Occurrences)**

- Each Line Item, Schedules, Quantities

## **SUMMARY SECTION (Control Totals)**

# DESIGN RULES

## MESSAGE SECTIONS

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### HEADER SECTION

- SEGMENTS relate to ENTIRE MESSAGE

### DETAIL SECTION

- SEGMENTS relate to DETAILS where it is written
- Data OVERRIDES similar data in the HEADER Section

### SUMMARY SECTION

- SEGMENTS with TOTALS or CONTROL data

# EDIFACT

## 'UNH' Message Header Segment

To Head, Identify, and Specify a Message

```
UNH+1234+ORDERS:1:921:UN:EIVER1'
```

*Combines functions of ASC X12 GS and ST Segments*

UNH+	UNH Segment
1234+	Msg Reference No.
ORDERS:	Msg Type Identifier
1:	Msg Type Version No.
921:	Msg Type Release No.
UN:	Controlling Agent
EIVER1	Association Assigned Code



# EDIFACT SAMPLE ORDERS

UNH+0001+ORDERS:2:921:UN:EIVER1'

BGM+105+P54356+9'

DTM+4+960626:101'

RFF+CT:CN2345'

NAD+BT+AC323:92'

NAD+ST+AC9876:92'

LIN+01++1820-0232:BP'

PIA+1+C:EC+GF9876:VP'

QTY+21:200:PCE'

PRI+1:2.99:CT::1'

SCC+1+DD'

QTY+133:200'

DTM+2:960715:101'

CNS+S'

CTN+2:1'

CNT+17+200

UNT+17+0001'



# GROUPS OF DATA to SEGMENTS

Acme Corp		PO 53436	
5400 Acme Pkwy		Contract #	
Acme, PA 17016		95-276	
IT	PART	QTY	PRICE
1	PD34	1000	1.142
	Schedule	500	12/05/95
		500	01/05/96
2	L2678	1500	5.17
	Schedule	500	12/05/95
		500	12/12/95
		500	12/19/95

## HEADER

- BGM (PO number)
- RFF (Contract)
- NAD (Name & Address)

## DETAIL (Items)

- LIN (Item Data)
- PRI (Price)
- QTY (Quantity)

## DETAIL (Delivery Schedules)

- QTY (Quantity)
- DTM (Dates)

# EDIFACT COMMONLY USED SEGMENTS

<u>Segment</u>	<u>Description</u>	<u>Contents</u>
<b>NAD</b>	<b>Name</b>	<b>NAME &amp; ADDRESS</b> (Location type, name)
<b>LIN</b>	<b>Item ID</b>	<b>LINE ITEM</b> Line Item Number, Part Number
<b>RFF</b>	<b>Reference</b>	<b>REFERENCE</b> Any reference (Quote Number, Release Number)
<b>DTM</b>	<b>Date/Time</b>	<b>DATE/TIME</b> Any type of date (Expiration date, Ship Date)
<b>QTY</b>	<b>Quantity</b>	<b>QUANTITY</b> Any type of quantity (Minimum Order, On-Hand Quantity)

# DESIGN RULES

## SEGMENT GROUPS

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**SEGMENT GROUP (SG) is an ASSEMBLY of**

- Trigger Segments (First Segment in SG)
- Related Segment(s) and/or
- Related Segment Group(s)

### **MANDATORY SEGMENT GROUPS**

- Trigger Segment's Data must be Used
- Other Mandatory Segments or Segment Groups must be Used

# DESIGN RULES

## SEGMENT SEQUENCE

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### SEGMENTS

- RELATED DATA ELEMENTS DEFINED TO A RECORD
- SPECIFIC PLACE IN MESSAGE
- SAME SEGMENT MAY BE IN MULTIPLE PLACES

# SEGMENT GROUPS

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**A Set of Segments which are Needed  
to Satisfy the Defined Purpose.**

Segment Group 11 in CUSDEC:

***A Group of Segments Identifying  
Various Monetary Amounts,  
Currencies, and Rates of Exchange  
that Pertain to the Whole Commercial  
Document***

# DESIGN RULES

## MAXIMUM USE OF SEGMENTS

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SEGMENT consists of:

- SEGMENT A TAG  
*BGM, DTM, RFF, etc*
- SIMPLE DATA ELEMENTS and/or  
*3035 PARTY QUALIFIER*  
*3139 CONTACT FUNCTION, CODED*
- COMPOSITE DATA ELEMENTS  
*C506 REFERENCE*  
*C507 DATE/TIME/PERIOD*

# DESIGN RULES

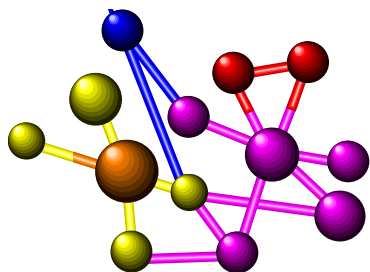
## MAXIMUM USE OF SEGMENTS

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- SEGMENTS may be REPEATED several times at SPECIFIC locations in a given message
- The Requirements Designator (M, O) and Maximum number of repetitions of a given segment are indicated in the Segment Table



# EDIFACT DATA ELEMENTS



Date Element Tag  
(DE Number)

Requirements  
Designator

Representation

Date Element Tag (DE Number)	Requirements Designator	Representation
010 1082 LINE ITEM NUMBER	C	n..6
020 1229 ACTION REQUEST/NOTIFICATION, CODED	C	an..3
030 C212 ITEM NUMBER IDENTIFICATION	C	
7140 Item number	C	an..35
7143 Item number type, coded	C	an..3
1131 Code list qualifier	C	an..3
3055 Code list responsible agency, coded	C	an..3
...		
050 1222 CONFIGURATION LEVEL	C	n..2
060 7083 CONFIGURATION, CODED	C	an..3

# DIRECTORY NOTATION

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## Requirements Designators

**M = Mandatory**

**C = Conditional (Optional is a Condition)**

## Data Types

**a = Alpha Character**

**n = Numeric (Integers & Real)**

**an = Alphanumeric Characters**

**id = Identifier (Code)**

## Data Lengths

**a3 = Fixed Length, alphabetic 3 characters**

**n6 = Fixed Length, numeric, 6 digits**

**an4 = Fixed Length, alphanumeric, 4 characters**

**a..3 = Variable Length, alphabetic (1 to 3 Characters)**

**n..6 = Variable Length, numeric (1 to 6 digits)**

**an..4 = Variable Length, alphanumeric (1 to 4 characters)**

# DATA ELEMENT STATUS

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## MANDATORY

- MUST be Used in a Segment

## CONDITIONAL

- Usage Depends on Certain Conditions
- Relevant Conditions for Required Conditions of the D/E may be part of the Segment Definition

## NO CONDITION SPECIFIED

- Use per Trading Partner Agreement, or Originators Discretion

# DESIGN RULES

## DATA ELEMENT PRINCIPLES

### X12

SPECIFIC Data Element

EXAMPLES:

' PO Date'	DE323*
'Invoice Date'	DE245*

\* Always Format: YYMMDD

### EDIFACT

GENERIC Data Element

EXAMPLES

***Qualifier :Date:Format***

4:Date:102 = PO Date #

3:Date:102 = Invoice Date #

# 102 Format: CCYYMMDD

# DESIGN RULES

## DATA ELEMENT TAGS

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### **ODD NUMBER DATA ELEMENTS**

Coded Data Elements from a Directory

### **EVEN NUMBER DATA ELEMENTS**

Non-Coded Data Elements

User Defined Data (*IDs are Received as pairs, one even, one odd*)

### **DATA ELEMENTS BEGINNING WITH 'C'**

Composite Data Elements

# **WHAT MAKES EDI POSSIBLE**

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**CODES**

**CODES**

**AND MORE CODES**

**CODE QUALIFIERS**

**CODE QUALIFIERS**

**AND MORE CODE QUALIFIERS**

*If you don't codify, you can't do EDI!*

# CODE ELEMENTS

## Data Elements with length 1-3 (an..3)

Have Data Element names ending in '**CODED**'

*'Code List Responsible Agency, Coded'*  
*an..3 in NAD*

## Data Elements with length greater 3

Have Data Elements names ending in  
**'IDENTIFICATION'**

*'Party ID Identification'*  
*an..17 in NAD*

# DATA ELEMENT

## GENERIC DATA + QUALIFIERS

### (Order of Qualifier)

<b>REFERENCE QUALIFIER</b>  <b>1153</b> <b>an..3</b>	<b>REFERENCE NUMBER</b>  <b>1154</b> <b>an..35</b>
<b>PARTY QUALIFIER</b>  <b>3035</b> <b>an..3</b>	<b>PARTY IDENTIFICATION DETAILS</b>  <b>C082</b>

DE1153 Code List (Sampling)

ACP = Hot Roll Number

CT = Contract Number

IV = Invoice Number

UCN = Unique Consignment Number

DE3055 Code List (Sampling)

BT = Bill To

FW = Freight Forwarder

SF = Ship From

ST = Ship To



# DATA ELEMENT

## GENERIC DATA + QUALIFIERS

### (Order of Qualifier)

DATE/TIME/ PERIOD QUALIFIER	DATE/TIME/PERIOD	DATE/TIME/ PERIOD FORMAT QUALIFIER
<b>2005</b> <b>an..3</b>	2380 <b>an..35</b>	<b>2379</b> <b>an..3</b>
<u>DE2005 Code List (Sampling)</u> 2 = Delivery Date, Requested 3 = Invoice Date/Time 10 = Shipment D/T, Requested 158 = Horizon Start Date		<u>DE2379 Code List (Sampling)</u> 101 = YYMMDD 102 = CCYYMMDD 804 = (Number of) Days
ITEM NUMBER	ITEM NUMBER TYPE, CODED	
7140 <b>an..35</b>	<b>7143</b> <b>an..3</b>	
<u>DE7143 Code List (Sampling)</u> BP = Buyer's Part Number EC = Engineering Change Level VP = Vendor's Part Number		

# DESIGN RULES

## COMPOSITES (Cnnn)

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COMPOSITE DATA ELEMENT is an  
***ASSEMBLY*** of **CLOSELY RELATED** Data

COMPOSITE CONSISTS of ...

- REFERENCE NUMBER
- NAME
- DESCRIPTION
- PREDEFINED STRUCTURE OF DATA ELEMENTS

# DESIGN RULES

## COMPOSITES (Cnnn)

<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>		
<b>2005</b>	<b>DATE/TIME/PERIOD QUALIFIER</b>	<b>M</b>	<b>AN</b>	<b>1/3</b>
<b>2380</b>	<b>DATE/TIME/PERIOD</b>	<b>C</b>	<b>AN</b>	<b>1/35</b>
<b>2379</b>	<b>DATE/TIME/PERIOD FORMAT QUALIFIER</b>	<b>C</b>	<b>AN</b>	<b>1/3</b>

Segment	Tag	Qualifier	Generic	Qualifier
(DTM)	+	79	: 19960626 :	102
DTM	+	ship date/time	: date/ time	: format CCYYMMDD

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END OF PRESENTATION