



Customer Invoice Message

EDIFACT D96A INVOIC

Version: 1.2

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Changelog

Version	Date	Change	Author
1.0	01.05.2023	Initial definition	DAO
1.1	20.06.2023	Add line level order number references	DAO
1.2	03.04.2025	Rebrand to Brack.Alltron	BRA

Status Codes

Code	Description
M	Mandatory D96A Field
C	Conditional D96A Field

References

<https://unece.org/trade/uncefact/introducing-unedifact>

<https://www.stylusstudio.com/edifact/D96A/INVOIC.htm>

Head Section

UNB Interchange Header					
Pos	Segment/Element	Description	Status	Example	Remarks
010	S001	SYNTAX IDENTIFIER	M		
	0001	Syntax identifier	M	+UNOC	
	0002	Syntax version number	M	:3	
020	S002	INTERCHANGE SENDER	M		
	0004	Interchange sender identification	M	+76099999129308	Sender Party GLN
	0007	Identification code qualifier	C	:14	14 = EAN International
030	S003	INTERCHANGE RECIPIENT	M		
	0010	Interchange recipient identification	M	+7600000000000	Receiver Party GLN
	0007	Identification code qualifier	C	:14	14 = EAN International
040	S004	DATE AND TIME OF PREPARATION	M		
	0017	Date	M	+210520	yyMMdd
	0019	Time	M	:0836	HHmm
050	0020	Interchange control reference	M	+123456	
060	S005	RECIPIENT'S REFERENCE/PASSWORD DETAILS	C		Not used
070	0026	Application reference	C		Not used
080	0029	Processing priority code	C		Not used
090	0031	Acknowledgement request	C		Not used
100	0032	Interchange agreement identifier	C		Not used
110	0035	Test indicator	C	+1	1 = Test

Example:

UNA:+. ? '

UNB+UNOC:3+7609999129308:14+0:14+210520:0836+123456+++++1'

0010 Segment UNH Message Header					
A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC.					
Pos	Segment/Element	Description	Status	Example	Remarks
01 0	0062	MESSAGE REFERENCE NUMBER	M	+20210520083649	
02 0	S009	MESSAGE IDENTIFIER	M		
	0065	Message type	M	+INVOIC	
	0052	Message version number	M	:D	
	0054	Message release number	M	:96A	
	0051	Controlling agency, coded	M	:UN	

Example:

UNH+20210520083649+INVOIC:D:96A:UN'

0020 Segment BGM Beginning of message					
A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.					
Pos	Segment/Element	Description	Status	Example	Remarks
01 0	C002	DOCUMENT/ MESSAGE NAME	C		
	1001	Document name code	C	+380	Supported codes: 380 = Invoice
02 0	1004	Document identifier	C	+31036674	Competec Invoice Id
03 0	1225	Message function, coded	C		Not used
04 0	4343	Response type, coded	C		Not used

Example:

BGM+380+31036674'

0030 DTM Date/time/period					
A segment specifying general dates and, when relevant, times related to the whole message.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+3	Supported codes: 3 = Invoice date/time 137 = Document/messag e date/time
	2380	Date/time/period	C	:20230419	
	2379	Date/time/period format qualifier	C	:102	Supported codes: 102 = CCYYMMDD

Example:

DTM+3:20230419:102 '
DTM+137:20210520:102 '

0080 | Segment Group 1 | References and Dates

A group of segments for giving references and where necessary, their dates, relating to the whole message.

SG1 Used Segment List

Pos	Tag	Name
0090	RFF	Reference
0100	DTM	Date/time/period

0090 | Segment | RFF | Reference

A segment to specify a reference by its number.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+ON	Supported codes: ON = Order number (purchase) DQ = Delivery note number
	1154	Reference number	C	:85651241	Buyers Order number/id

Example:

RFF+ON:85651241 '

0100 | Segment | DTM | Date/time/period

A segment specifying the date/time related to the reference.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+171	Supported codes: 171 = Reference date/time
	2380	Date/time/period	C	:20230419	
	2379	Date/time/period format qualifier	C	:102	Supported codes: 102 = CCYYMMDD

Example:

DTM+171:20230419:102 '

0110 | Segment Group 2 | Invoice Parties

A group of segments identifying the parties with associated information.

SG2 Used Segment List

Pos	Tag	Name
0120	NAD	Name and address
0140	FII	Financial institution information
0150	SG3	Party References and Dates

0120 | Segment | NAD | Name and address

A segment identifying names and addresses of the parties and their functions relevant to the invoice.

Pos	Segment/Element	Description	Status	Example	Remarks
010	3035	Party qualifier	M	+IV	Supported codes: IV = Invoicee BY = Buyer SU = Supplier DP = Delivery Party
020	C082	PARTY IDENTIFICATION DETAILS	C		
	3039	Party id. identification	M	+A001234	
030	C058	NAME AND ADDRESS	C		Not used
040	C080	PARTY NAME	C		
	3036	Party name	M	+Sample Company	Address name 1
	3036	Party name	C	:John Doe	Address name 2
050	C059	STREET	C		
	3042	Street and number/p.o. box	M	+Streetname 1	Street name 1
	3042	Street and number/p.o. box	C	:Building 10b	Street name 2
060	3164	City name	C	+Zürich	
070	3229	Country sub-entity identification	C		Not used
080	3251	Postcode identification	C	+8005	PLZ
090	3207	Country, coded	C	+CH	

Example:

NAD+IV+A001234++Sample Company:John Doe+Streetname 1:Building 10b+Zürich+
+8005+CH'

0140 Segment FII Financial institution information					
A segment identifying the financial institution (e.g. bank) and relevant account numbers for the seller, buyer and where necessary other parties.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	3035	Party qualifier	M	+RB	Supported codes: RB = Receiving financial institution
020	C078	ACCOUNT IDENTIFICATION	C		
	3194	Account holder number	C	:CH9430761016097605323	QR IBAN
030	C088	INSTITUTION IDENTIFICATION	C		Not used
040	3207	Country, coded	C		Not used

Example:

FII+RB+CH9430761016097605323 '

0150 Segment Group 3 Party References and Dates					
A group of segment for giving references only relevant to the specified party rather than the whole invoice.					

SG3 Used Segment List

Pos	Tag	Name
0160	RFF	Reference

0160 Segment RFF Party Reference					
A segment identifying a party reference by its number.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+VA	Supported codes: VA = VAT registration number
	1154	Reference number	C	:CHE-191.398.369 MWST	

Example:

RFF+VA:CHE-191.398.369 MWST '

0240 | Segment Group 6 | Tax information

A group of segments specifying tax related information.

SG6 Used Segment List

Pos	Tag	Name
0250	TAX	Reference
0260	MOA	Monetary amount

0250 | Segment | TAX | Duty/tax/fee details

A segment specifying a tax type, category and rate or exemption, relating to the whole invoice e.g. Value Added Tax at the standard rate is applicable for all items.

Pos	Segment/Element	Description	Status	Example	Remarks
010	5283	Duty/tax/fee function qualifier	M	+7	Supported codes: 7 = Tax
020	C241	DUTY/TAX/FEE TYPE	C		
	5153	Duty/tax/fee type, coded	C	+VAT	Supported codes: VAT = Value added tax
030	C533	DUTY/TAX/FEE ACCOUNT DETAIL	C		Not used
040	5286	Duty/tax/fee assessment basis	C		Not used
050	C243	DUTY/TAX/FEE DETAIL	C		
	5278	Duty/tax/fee rate	C	:7.7	VAT rate
060	5305	Duty/tax/fee category, coded	C	+S	Supported codes: S = Standard rate
070	3446	Party tax identification number	C		Not used

Example:

TAX+7+VAT+++:::7.7+S'

0260 Segment MOA Monetary amount					
A segment specifying the amount for the identified tax/fee.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C516	MONETARY AMOUNT	M		
	5025	Monetary amount type qualifier	M	+1	Supported codes: 1 = VAT, 1st value
	5004	Monetary amount	C	:0.62	
	6345	Currency, coded	C	:CHF	Supported codes: CHF
	...				

Example:

MOA+1:0.62:CHF '

0280 Segment Group 7 Currencies
A group of segments specifying the currencies and related dates/periods valid for the whole invoice.

SG7 Used Segment List

Pos	Tag	Name
0290	CUX	Currencies

0290 Segment CUX Currencies					
A segment identifying the invoice currency.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C504	CURRENCY DETAILS	C		
	6347	Currency details qualifier	M	+2	Supported codes: 2 = Reference currency
	6345	Currency, coded	C	:CHF	Supported codes: CHF
	6343	Currency qualifier	C	:4	Supported codes: 4 = Invoicing currency

Example:

CUX+2:CHF:4'

0310 | Segment Group 8 | Terms of payment

A group of segments specifying the terms of payment applicable for the whole invoice.

SG8 Used Segment List

Pos	Tag	Name
0320	PAT	Payment term basis

0320 | Segment | PAT | Payment terms basis

A segment identifying the payment terms and date/time basis.

Pos	Segment/Element	Description	Status	Example	Remarks
010	4279	Payment terms type qualifier	M	+1	Supported codes: 1 = Basic
020	C110	PAYMENT TERMS	C		Not used
030	C112	TERMS/TIME INFORMATION	C		
	2475	Payment time reference, coded	M	+5	Supported codes: 5 = Date of invoice
	2009	Time relation, coded	C	:3	Supported codes: 3 = After reference
	2151	Type of period, coded	C	:D	Supported codes: D = Day
	2152	Number of periods	C	:20	Due date as absolute number of days after invoicing

Example:

PAT+1++5:3:D:20'

Detail Section

0890 | Segment Group 25 | Lines

A group of segments providing details of the individual invoiced items.

SG25 Used Segment List

Pos	Tag	Name
0900	LIN	Line item
0910	PIA	Additional product id
0920	IMD	Item description
0940	QTY	Quantity
0970	DTM	Date/time/period
0990	GIR	Related identification numbers
1030	SG26	Line item monetary amounts
1110	SG28	Line item prices
1310	SG33	Line item Tax information

0900 | Segment | LIN | Line item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.

Pos	Segment/Element	Description	Status	Example	Remarks
010	1082	Line item number	C	+1	Customer's line number
020	1229	Action request/notification, coded	C		Not used
030	C212	ITEM NUMBER IDENTIFICATION	C		
	7140	Item number	C	+9120072855368	EAN
	7143	Item number type, coded	C	:EN	Supported codes: EN = International Article Numbering Association (EAN)
040	C829	SUB-LINE INFORMATION	C		Not used
050	1222	Configuration level	C		Not used
060	7083	Configuration, coded	C		Not used

Example:

LIN+1++4250152110195:EN'

0910 Segment PIA Additional product id					
A segment providing additional identification to the product specified in the LIN segment.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	4347	Product id. function qualifier	M	+1	Supported codes: 1 = Additional identification
020	C212	ITEM NUMBER IDENTIFICATION	M		
	7140	Item number	C	+18906117	
	7143	Item number type, coded	C	:BP	Supported codes: BP = Buyer's part number SA = Supplier's article number
030	C212	ITEM NUMBER IDENTIFICATION	C		Not used
040	C212	ITEM NUMBER IDENTIFICATION	C		Not used
050	C212	ITEM NUMBER IDENTIFICATION	C		Not used
060	C212	ITEM NUMBER IDENTIFICATION	C		Not used

Example:

PIA+1+18906117:BP'

PIA+1+1451693:SA'

0920 Segment IMD Item description					
A segment for describing the product or service being ordered.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	7077	Item description type, coded	C	+A	Supported codes: A = Free-form long description
020	7081	Item characteristic, coded	C		Not used
030	C273	ITEM DESCRIPTION	C		

	7008	Item description	C	:Buttergipfel	First 35 description chars
	7008	Item description	C	:ExtraKnusprig	Second 35 description chars (descriptions longer than 70 chars will be trimmed)
040	7383	Surface/layer indicator, coded	C		Not used

Example:

IMD+A++:::Buttergipfel:ExtraKnusprig'

0940 Segment QTY Quantity					
A segment identifying the invoiced quantity.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C186	QUANTITY DETAILS	M		
	6063	Quantity qualifier	M	+47	Supported codes: 47 = Invoiced quantity
	6060	Quantity	M	:2	
	6411	Measure unit qualifier	C	:PCE	Supported codes: PCE = Piece

Example:

QTY+47:2:PCE'

0970 Segment DTM Date/time/period					
A segment specifying date/time/period details relating to the line item only.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+143	Supported codes: 143= Date on which the goods are taken over by the carrier 17 = Delivery date/time, estimated
	2380	Date/time/period	C	:20210520	
	2379	Date/time/period format qualifier	C	:102	Supported codes: 102 = CCYYMMDD

Example:

DTM+143:20210520:102'

DTM+17:20210521:102'

0990 Segment GIR Related identification numbers					
A segment providing sets of related identification numbers for a line item, e.g. serial numbers, if available.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	7297	Set identification qualifier	M	+1	Supported codes: 1 = Product
020	C206	IDENTIFICATION NUMBER	M		
	7402	Identity number	M	+GPKBD1102A123456	
	7405	Identity number qualifier	C	:BN	Supported codes: BN = Serial number

Example:

GIR+1+GPKBD1102A123456:BN'

GIR+1+GPKBD1102A678910:BN'

1030 | Segment Group 26 | Line Amounts

A group of segments specifying any monetary amounts relating to the products.

SG26 Used Segment List

Pos	Tag	Name
1040	MOA	Monetary amount

1040 | Segment | MOA | Monetary amount

A segment specifying any monetary amounts relating to the product.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C516	MONETARY AMOUNT	M		
	5025	Monetary amount type qualifier	M	+66	Supported codes: 66 = Goods item total (Net price times quantity for the line item)
	5004	Monetary amount	C	:11.78	

Example:

MOA+66:11.78'

1110 | Segment Group 28 | Price

A group of segments identifying the relevant pricing information for the goods or services invoiced.

SG28 Used Segment List

Pos	Tag	Name
1120	PRI	Price details

1120 | Segment | PRI | Price details

A segment to specify the price type and amount.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C509	PRICE INFORMATION	C		
	5125	Price qualifier	M	+AAA	Supported codes: AAA = Calculation net
	5118	Price	C	:5.89	
020	5213	Sub-line price change, coded	C		Not used

Example:

PRI+AAA:5.89'

1160 | Segment Group 29 | Line References and Dates

A group giving references and where necessary, their dates, relating to the line item.

SG29 Used Segment List

Pos	Tag	Name
1170	RFF	Reference

1400 | Segment | RFF | Line Reference

A segment identifying the reference by its number.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+ON	Supported codes: ON = Order number (purchase)
	1154	Reference number	C	12345	

Example:

RFF+ON:12345 '

1310 | Segment Group 33 | Line item tax

A group of segments specifying tax related information for the line item

SG33 Used Segment List

Pos	Tag	Name
1320	TAX	Duty/tax/fee details
1330	MOA	Monetary amount

1320 | Segment | TAX | Duty/tax/fee details

A segment specifying a tax type, category and rate, or exemption, relating to the line item.

Pos	Segment/Element	Description	Status	Example	Remarks
010	5283	Duty/tax/fee function qualifier	M	+7	Supported codes: 7 = Tax
020	C241	DUTY/TAX/FEE TYPE	C		
	5153	Duty/tax/fee type, coded	C	+VAT	Supported codes: VAT = Value added tax
030	C533	DUTY/TAX/FEE ACCOUNT DETAIL	C		Not used
040	5286	Duty/tax/fee assessment basis	C		Not used
050	C243	DUTY/TAX/FEE DETAIL	C		

	5278	Duty/tax/fee rate	C	:2.5	VAT rate
060	5305	Duty/tax/fee category, coded	C	+S	Supported codes: S = Standard rate
070	3446	Party tax identification number	C		Not used

Example:

TAX+7+VAT++++:::2.5+S'

1330 Segment MOA Monetary amount					
A segment specifying the amount for the identified tax/fee.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C516	MONETARY AMOUNT	M		
	5025	Monetary amount type qualifier	M	+1	Supported codes: 1 = VAT, 1st value
	5004	Monetary amount	C	:0.62	
	6345	Currency, coded	C	:CHF	

Example:

MOA+1:0.62:CHF '

Summary section

1790 Segment UNS Section control					
A service segment placed at the start of the summary section to avoid segment collision.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	0081	Section identification	M	+S	Supported codes: S = Detail/summary section separation

Example:

UNS+S '

1810 Segment Group 48 Total amounts					
A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts pre-paid with relevant references and dates.					

SG48 Used Segment List

Pos	Tag	Name
1820	MOA	Monetary amount
1830	SG49	Total amount references

1820 Segment MOA Monetary amount					
A segment giving the total amounts for the whole invoice message.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	C516	MONETARY AMOUNT	M		
	5025	Monetary amount type qualifier	M	+77	Supported codes: 77 = Invoice amount 124 = Tax amount 79 = Total line items amount 47 = Delivery fee
	5004	Monetary amount	C	:13.37	

Example:

MOA+77:13.37 '

1830 | Segment Group 49 | Total amount references

A group of segments for giving references and where necessary.

SG49 Used Segment List

Pos	Tag	Name
1840	RFF	Reference

1840 | Segment | RFF | Party Reference

A segment identifying a payment reference of an amount by its number, e.g. the QR Reference.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference qualifier	M	+PQ	Supporte d codes: PQ = Payment reference
	1154	Reference number	C	:810156000001111111310366743	QR Reference

Example:

RFF+PQ:810156000001111111310366743'

1930 Segment UNT Message trailer					
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	0074	Number of segments in a message	M	+39	
020	0062	Message reference number	M	+20210520083649'	Message reference number from UNH segment

Example:

UNT+39+20210520083649 '

UNZ Interchange trailer					
To end and check the completeness of an interchange.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	0036	Interchange control count	M	+1	
020	0020	Interchange control reference	M	+210520083649	Interchange control reference from UNB segment

Example:

UNZ+1+210520083649 '

UNA:+. ? '
UNB+UNOC:3+7609999129308:14+0:14+210520:0836+210520083649++++++1'
UNH+20210520083649+INVOIC:D:96A:UN'
BGM+380+31036674'
DTM+3:20230419:102'
DTM+137:20210520:102'
RFF+ON:P01337'
RFF+DQ:31036674'
DTM+171:20230419:102'
NAD+IV+A12345++Sample AG+Teststrasse 1b+Zürich++8005'
NAD+BY+B12345++Sample AG+Teststreet 10+Dintikon++5606'
RFF+VA:CHE-114.904.380'
NAD+SU+7609999129308++Alltron AG+Hintermättlistr. 3+Mägenwil+
+5506+CH'
FII+RB+CH9430761016097605323'
RFF+VA:CHE-191.398.369 MWST'
TAX+7+VAT+++::2.5+S'
MOA+1:0.15:CHF'
TAX+7+VAT+++::7.7+S'
MOA+1:0.62:CHF'
CUX+2:CHF:4'
PAT+1++5:3:D:20'
LIN+1++4250152110195:EN'
PIA+1+18906117:BP'
PIA+1+1451693:SA'
IMD+A++::Lunderland Bio-Kokosöl'
QTY+47:1:PCE'
DTM+143:20230419:102'
DTM+17:20230420:102'
MOA+66:5.89'
PRI+AAA:5.89'
RFF+ON:P01337'
TAX+7+VAT+++::2.5+S'
MOA+1:0.15:CHF'
UNS+S'
MOA+77:14.75'
RFF+PQ:810156000001111111310366743'
MOA+124:0.77'
MOA+79:5.89'
MOA+47:8.1'
UNT+40+20210520083649'
UNZ+1+210520083649'