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Invoicing

Invoice Data as CSV File

CSV file

Invoice data

Description

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1 Invoice data in CSV structure

1.1 General

The CSV file format defines the structure of a text file and is used to save or exchange data with a simple structure between various programs. It stores data records and is used to import and export content from databases or tables and allows the data to be verified.

DB Cargo invoice recipients who receive invoices electronically as e-invoices in PDF format can also receive a CSV file containing certain invoice data. One CSV file is generated per invoice.

The following information describes the structure and content of a CSV file.

1.2 Structure of the CSV file

The CSV file has a tabular structure and can be opened with a spreadsheet program. The table contains 52 fixed columns. The columns are as follows:

Column	Name	Content/Description/Example
A	Rechnungsnr.	invoice number
	Invoice No.	
B	Rechnungsdatum	Invoicing date
	Invoice Date	
C	Abrechnung von	Start of the invoicing period
	Invoicing from	
D	Abrechnung bis	End of the invoicing period
	Invoicing to	
E	Ausgleichsnr.	Clearing number
	Account No.	
F	Debitorenr.	Debitor number
	Customer account	
G	Firma	Company name
	Company	
H	Frachtzahler	Customer code, used for freight payment
	Freight Payer	
I	Leistungsnr.	Service number of the service in the system
	Service No.	
J	Positionsnr.	invoice item number
	Item No.	

Column	Name	Content/Description/Example
K	Verkehrsart	Traffic type 1 = Internal traffic 2 = Import
	Traffic type	3 = Export 4 = Transit 5 = Support service 6 = International traffic (outside Germany)
L	Datum	Forwarding date
	Service day	
M	Datum_2 2nd date	Receiving date or date of crossing German border
N	VBEF	Forwarding carrier / departure carrier
	Carrier	
O	VersNr.	Transit number (without check digit)
	Dispatch No.	
P	VBVW	Territorial view at start of consignment, e.g. 0080 (80 = country code for Germany)
	Country Code	
Q	VBVW_Bez.	Verbal name of country where consignment begins (in German)
	Country	
R	Versandbhf	Forwarding station
	Forwarding Station	
S	Name	Forwarding station name
	Station/Place	
T	EBVW	Territorial view at end of consignment, e.g. 0080 (80 = country code for Germany)
	Country Code	
U	EBVW_Bez.	Verbal name of country where consignment ends (in German)
	Country	
V	Empfangsbhf	Receiving station
	Receiving Station	
W	Name	Receiving station name
	Station	
X	VersKdnr.	Consignor customer number
	Customer No.	
Y	Name	Name of the consignor
	Forwarder	
Z	EmpfKdnr.	Consignee customer number
	Customer No.	
AA	Name	Name of the consignee
	Consignee	

Column	Name	Content/Description/Example
AB	ZV	Code for the payment note
	PayT. Code	
AC	ZV_Bez	Meaning of the payment note
	Payment Term	
AD	Vertragsnr.	Contract number
	Contract No.	
AE	Wagenanzahl	Number of wagons
	Wagon amount	
AF	Wagennummer	Wagon number
	Wagon No.	
AG	Wagengattung	Describes the type of wagon
	Wagon type	
AH	Wirkl. Gew.	Actual mass in kg
	Weight	
AI	NHM_Code	NHM cargo type code relevant to freight invoicing
	NHM_Code	
AJ	NHM_Bezeichnung	Name of the NHM code
	NHM_Name	
AK	Frachtber.Gew. In kg	Freight calculation weight subject to tariff as per consignment note (kg)
	Calculation Weight in kg	
AL	Preiskomponente	Classification of amount type (e.g. basic freight, railway wagon surcharge ...)
	Price component	
AM	Berechnungsebene	Classification of the calculation level as price component G = block train W = wagon U = container
	Calculation level	
AN	Bezugsbasis	Reference basis for the fee: 1 = wagon 2 = UTI 3 = tons 4 = train 5 = meters (LOB) 6 = number of axles 7 = tons (actual) 8 = day
	Fee reference basis	
AO	Wert Bezugsbasis	Value of the reference basis (train = 1, otherwise corresponding value, e.g. number of tons, number of wagons, number of UTI, ...)
	Fee ref. basis value	
AP	Faktor Bezugsbasis	Factor for multiplying the value of the reference basis
	Factor ref. basis	
AQ	Tarifwahrung (TW)	Tariff currency
	Currency_Tariff (CT)	

Column	Name	Content/Description/Example
AR	Betrag_TW	Amount in tariff currency
	Amount_CT	
AS	Kurs_FW	Exchange rate tariff currency to invoice currency
	Exchange rate	
AT	Rechnungswahrung (FW)	three-digit alphabetical
	Invoice currency (IC)	
AU	Betrag Netto (FW)	Amount in invoice currency
	Net amount (IC)	
AV	UST_Code	Value added tax code
	VAT_Code	
AW	NGE_Code	Support service/ancillary fee code
	Service_Code	
AX	NGE_Name	Verbal name of the ancillary fee code
	Service_Name	
AY	Art	Correction type
	Type	1: Cancellation 2: New invoicing (default)
AZ	Auftragsnummer	Order number
	Order number	

References, which can occur 0 to n times, increase the number of columns (dynamically) depending on the number of references.

If references (such as a consignor reference) are specified in the transport order or service request, these are also included in the CSV file. The references are positioned after column AZ. The reference columns are optional, however, and are only filled if the invoice contains at least one document item that involves references.

If a reference exists, column BA and the next column are filled. The type of reference (such as a consignor reference) is indicated in the first reference column, which is then followed by the content in the next column. If there are further references, the same approach is always used to fill the following columns: a "Description of reference" column followed by a "Content/Value of reference" column.

The number of lines in the CSV depends on the number of document items and their charges.

A document item is depicted by one or more lines in the CSV file. The number of charges invoiced for each document item determines the number of lines for each document item in the CSV file. A document item can be used to invoice freight, freight charges and service charges. There is at least one line for a document item. This does not apply to the details relating to wagon information, however. If the freight is a train price, the individual wagon numbers are not indicated. The value for the total wagons is entered in column AE (Wagon amount) and just one wagon number from the wagon group or train is entered in column AF to represent all wagon numbers.

The charges indicated in the CSV are net charges. Tax amounts are not included.