UNIPRINT

MacHansa import/export file description

v.0.2, 09.05.1997, Peeter Marvet (pets@uniprint.ee, pets@goodwin.ee)

GENERAL

Import/export files are Tab-delimited-text, where records are separated with `<CR><LF>` (in most of the cases) `or` `<CR><LF><CR><LF>` (in case of more complicated data, like invoices, which may have multiple rows of data). Sub-sections (like customers, invoices, setup etc) are separated from each other with an extra `<CR><LF>` (so after single-data-row customer-section there is a single blank line, and after invoices-section two blank lines). Each section starts with a heading code. Order and number of the sections in one file does not seem to have any importance.

Numbers may have decimal part separated by comma or period, and years may have 2 or 4 digits – but these formats need to be set at the beginning of the file with format-section.

The file should look like follows. Ends of lines have been removed where marked with `<...>`, blank lines are marked with `<blank>`:

```
format
1    46    1
<blank>
cu2
0001    333 AS  Kalev Al <...>
0002    A&A SA Eesti Fil <...>
0003    A&G Kaubanduse A <...>
0837    Heidelberg Druck <...>
<blank>
fakt1
960001  31.12.1996      <...>
0020    AEV Ehitus AS    <...>
Vahur Kingsepp          <...>
0.00    1285.00         <...>
1                       <...>
<blank>
960002  31.12.1996      <...>
0042    Amisco AS        <...>
Allan Noor              <...>
0.00    8059.00 0.00    <...>
1                       <...>
```

```
<blank>

<blank>

beta13

<...>
```

FORMAT

Format-section is not required, but it is safe to have it at the beginning of each import file to assure that decimals and dates are treated correctly

Heading

format

Fields

DateFormat	Nbr	0 for M-D-Y, 1 for D-M-Y, 2 for Y-M-D
DecimalSeparator	Nbr	ASCII code for the decimal separator used, can be probably anything you like
PC or Mac	Nbr	1 for PC (actually, this field is irrelevant, conent not used any more)

Sample

format

1   46   1

CUSTOMER

Following is the description fields in customer section of MacHansa import/export file. Names of the fields that seem to be important to convert have been highlited in bold.

Heading

cu2

Fields

Code	Str 20	number, sorts as string, so include leading 000-s to enable reasonable amount of numbers
Name	Str 60	company name
Contact	Str 60	main contact person
Warning text	Str 60	will be shown when making new invoice, like 'myyntikielto'

Address 1	Str 60	line 1 of customer's address
Address 2	Str 60	
Address 3	Str 60	
Invoice to customer	Str 20	If the invoice, created from an order, should go to another customer that this should be the number of that customer – see the first field 'code' above
Shipping address 1	Str 60	(line 1 of shipping address
Shipping address 2	Str 60	
Shipping address 3	Str 60	
Phone	Str 20	
Fax	Str 20	
Customer category	Str 5	code, can be used as filter for reports
Comment	Str 60	
Payment terms	Str 2	code for payment term, like 14 for 14 days...
Export	Nbr 1	0 if this is not an export customer, 1 if export inside EU, 2 if outside EU
AccFlag	0	Always 0 (zero)
Object	Str 5	like project – expenses and revenues can be distributed to objects for report filtering
Calculate interest	Nbr 1	0 if not, 1 if calculate interest invoices
VAT number	Str 20	VAT registration number
Country code	Str 5	some kind of hansa-specific code
Short key	Str 10	like abbreviation on customer's name
Send reminders		0 if not, 1 if send reminders
Language code	Str 5	empty for default language. Will determine which language templates to use for invoice etc.
Currency code	Str 5	DEM, FIM etc
On account customer	Nbr 1	0 if not on account, 1 if on account
Salesman	Str 5	hansa username of salesman
Credit Limit	Nbr	not important probably when we will make invoices outside hansa
Shipment terms	Str 5	code, again
Shipment mode	Str 5	code, again
VAT Code	Str 2	at least we use: 1 = with VAT, 2

		= no VAT, Export, 3 = VAT, advance payment. Important for hansa to be present on invoice, no use here unlsess special case
Department	Str 60	customer's department
Ordercomment	Str 60	This comment is copied onto the order/invoice when registrering.
FreightNr	Str 20	This is the customers customer-number with the default shipping company.
Price list	Str 5	not important probably when we will make invoices outside hansa
Discount matrix	Str 5	not important probably when we will make invoices outside hansa

Sample customer (file customer.txt)

format

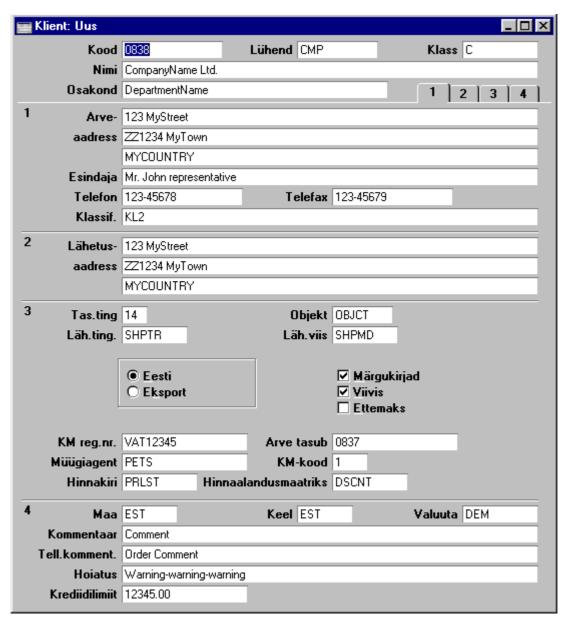1 <TAB> 46 <TAB> 1

cu2

0838 <TAB> CompanyName Ltd. <TAB> Mr. John representative <TAB> Warning-warning-warning <TAB> 123 MyStreet <TAB> ZZ1234 MyTown <TAB> MYCOUNTRY <TAB> 0837 <TAB> 123 MyStreet <TAB> ZZ1234 MyTown <TAB> MYCOUNTRY <TAB> 123-45678 <TAB> 123-45679 <TAB> C <TAB> Comment <TAB> 14 <TAB> 0 <TAB> 0 <TAB> OBJCT <TAB> 1 <TAB> VAT12345 <TAB> EST <TAB> CMP <TAB> 1 <TAB> EST <TAB> DEM <TAB> 0 <TAB> PETS <TAB> 12345.99 <TAB> SHPTR <TAB> SHPMD <TAB> 1 <TAB> DepartmentName <TAB> Order Comment <TAB> <TAB> PRLST <TAB> DSCNT <TAB> KL2

Sample customer (screenshot)

INVOICE

Heading

fakt1

Fields

Invoice number	Nbr	If s or S then Hansa will allocate next free number from its allocated number pool
Invoice date	Date		
Due date	Date		
Export invoice	Nbr	0 if not, 1 if within EU, 2 if outside EU
Invoice printed	Nbr	0 if not, 1 if printed (Hansa will print only 1 ex when this field is 1, and on Macintoshes print large grey text "COPY" as background)
Payment terms	Str 2	refers to a table, which includes payment mehtod (normal, credit, cash, next month) neto days, cash rebate %, days and comment. we use codes which represent payment days – so 14-day payment is 14.
Payment days	Num	Has to do with Cash rebate, can be blank
pdvrebt	Num	Has to do with Cash rebate, can be blank
pdrdays	Num	Has to do with Cash rebate, can be blank
pdComment	Str	Has to do with Cash rebate, can be blank
Order number	Num	From what order in Hansa was the invoice generated
Invoice has been Oked	Num	0 if not, 1 if has been Oked. OKed invoices must be accompanied with respective 'accounting statement'
Interest rate	Num		
Blank			
Invoice type	Num	1 is normal invoice 4 is interest invoice 3 is cash invoice 2 is credit invoice
Price List	Str 5	Blank is Baseprice
Object	Str 30	each invoice may be related to certain object (project)
Blank			
Including VAT	Num	Are the unit values on the invoice Incl. VAT or excluding, 1 if Including, 0 if excluding

		(normally 0)
Accounts receivable account	Str 10	N/L Account number (better to leave that to be decided by Hansa during Import)
Credit mark	Str 1	K if credit invoice, blank if not (displayed in the browse for invoices)
Blank		
Currency code	Str 5	Like DEM, FIM etc
Exchange rate	Num	
Transaction date	Date	Probably best to keep it the same as invoice date
Update stock flag	Num	0 if invoice does not update stock, 1 if invoice updates stock
Last Reminder	Num	Reminder level of this invoice
Last reminder date	Date	Date of last reminder
<CRLF>		
Customer code	Str 20	
Address 1	Str 60	(Name of customer)
Address 2	Str 60	1st row of address in Customers data
Address 3	Str 60	
Address 4	Str 60	
Customer category	Str 1	
<CRLF>		
Customer contact / Your reference	Str 60	
Our contact / our refernce	Str 20	
Invoice comment	Str 60	
Salesman	Str 5	So we can pull reports of sales per salesman also from MacHansa
Language code	Str 5	Is used when selecting forms for printing – defaults to local language
Original customer number	Str 20	Number of the customer that had the original order (used for Factoring)
<CRLF>		
Sums 0 (round off)	Num	These sums may (and should) be blank when importing. They will be calculated at import if Sums4 field is left blank.

		They are net value, vat, round off, total. As MacHansa's rounding method can be adjusted there is a need to see both GD and MH do it the same way...
Sums 1 (excl VAT)	Num	
Sums 2 (?)	Num	
Sums 3 (VAT)	Num	
Sums 4 (total)	Num	
Freight – Item Code	Str 20	
Freight - Price	Num	price of freight in invoice's currency, as listed on invoice
Freight - Cost	Num	cost of freight for us in local currency (I can't see how Hansa can have Price and Cost different, there is only one entry field)
Freight – VAT Code	Str 2	seems to be irrelevant
Freight – Objects	Str 30	seems to be irrelevant
Freight – Gross Profit	Num	seems to be irrelevant
Shipment address 1	Str 60	Name of company
Shipment address 2	Str 60	1st row of shipment address
Shipment address 3	Str 60	
Shipment address 4	Str 60	
VAT Number of customer	Str 20	May be blank
Shipment terms	Str 5	May be blank (refers to a table which translates code to more descriptive string)
Shipment mode	Str 5	May be blank
Project Code	Str 20	Project (project code can be used in some reports)
Freight – Sales Account – SalesCode	Str 10	seems to be not implemented
Blank		
Stock Location	Str 10	Code for stock (in this example PL, which stands for Põhiladu or Main Stock)
Customers VAT Code	Str 2	Used to determine wether invoice needs VAT or not. We have 1 for VAT, 2 for VATless (export) and 3 for VAT from prepayments
Discount Code	Str 5	Reference to discount matrix

Blank		
Customers Phone	Str 20	
Customers Fax	Str 20	
<CRLF>		
Row type		3 – Line with number of invoice to credit 4 – Extra line (???? What for?) 5 – Interest invoice row
If Row type = 1(regular invoice row)		
Art	Str 20	Article code
Quanity	Num 20,3	
Description	Str 100	
Price	Num 20,2	
Total	Num 20,2	Quantity * Price – rebate
Rebate	Num 5,2	
Account	Str 10	Account number (will be filled in by Hansa if missing)
Object	Str 30	
Blank		
Buy-in price	Num 20,2	I think these field could be imported from GD as well...
Gross profit	Num 20,2	
FIFO	Num 20,2	
VAT code	Str 2	Used to determine wether this row needs VAT (and how much) or not. We have 1 for VAT, 2 for VATless (export) and 3 for VAT from prepayments
Recepy	Str 20	
If Row type = 3(Line with number of invoice to credit)		
blank		
blank		
blank		
blank		
blank		
Number of invoice to credit	Nbr	May be blank (but better to be non-blank)
If Row type = 4 (Extra line???)		
Item number	Str 20	
Quantity	Num	
Text	Str100	Description

Price	Num	
Sum	Num	Quantity * Price – rebate
Rebate	Num	rebate %
Sales Account / sales code	Str 10	
Objects	Str 30	
Blank		
VAT Code		
Blank		
Cose price		Cost pr. Item in base currency
If Row type = 5 (Interest invoice row)		
Specification	Str100	
Sum	Num	
Sales Account	Str 10	
VAT Code	Str 2	
If Row Type = something else (??????????)		
Item number	Str 20	Article code
Quantity	Nbr	
Text	Str100	Description
Price	Nbr	
Sum	Nbr	Quantity * Price – rebate
Gross profit	Nbr	Gross profit for this line
FIFO value		FIFO value for this item. Can be blank
VAT Code	Str 2	Used to determine wether this row needs VAT (and how much) or not. We have 1 for VAT, 2 for VATless (export) and 3 for VAT from prepayments
Recepy	Str 20	Should be blank. Only used for structured items
Serial Nr.	Str 20	
Price Factor		For how many units are the prices given

Sample invoice (file invoice.txt)

format

1 <TAB> 46 <TAB> 1

fakt1

970423 <TAB> 07.05.1997 <TAB> 21.05.1997 <TAB> 0 <TAB> 1 <TAB> 14 <TAB> 14 <TAB> 0.0 <TAB> 0 <TAB> <TAB> <TAB> 0 <TAB> 0.00 <TAB> 0 <TAB> 1 <TAB> PRLST <TAB> OBJCT
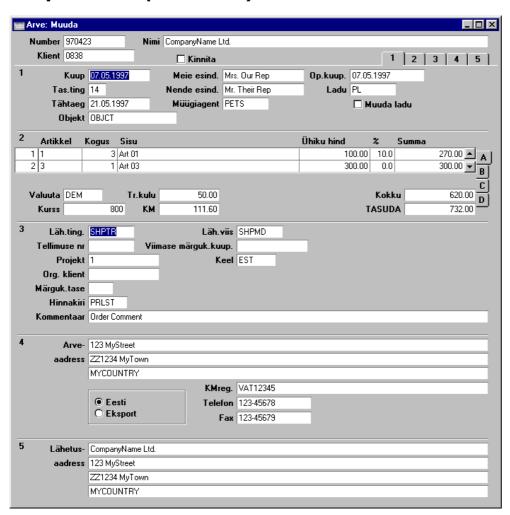
<TAB> <TAB> 0 <TAB> 1210 <TAB> <TAB> <TAB> DEM <TAB> 800 <TAB> 07.05.1997 <TAB> 0 <TAB> <TAB> <TAB>

0838 <TAB> CompanyName Ltd. <TAB> 123 MyStreet <TAB> ZZ1234 MyTown <TAB> MYCOUNTRY <TAB> C <TAB>

Mr. Their Rep <TAB> Mrs. Our Rep <TAB> Order Comment <TAB> PETS <TAB> EST <TAB> <TAB>

0.40 <TAB> 620.00 <TAB> 0.00 <TAB> 111.60 <TAB> 732.00 <TAB> <TAB> 50.00 <TAB> 400.00 <TAB> <TAB> <TAB> 0.00 <TAB> CompanyName Ltd. <TAB> 123 MyStreet <TAB> ZZ1234 MyTown <TAB> MYCOUNTRY <TAB> VAT12345 <TAB> SHPTR <TAB> SHPMD <TAB> 1 <TAB> <TAB> <TAB> PL <TAB> 1 <TAB> DSCNT <TAB> 97042 30000 08382 <TAB> 123-45678 <TAB> 123-45679 <TAB>

1 <TAB> 1 <TAB> 3.00 <TAB> Art 01 <TAB> 100.00 <TAB> 270.00 <TAB> 10.0 <TAB> 3011 <TAB> <TAB> <TAB> <TAB> 2160.00 <TAB> <TAB> 1 <TAB> <TAB> <TAB> <TAB> <TAB>

1 <TAB> 3 <TAB> 1.00 <TAB> Art 03 <TAB> 300.00 <TAB> 300.00 <TAB> 0.0 <TAB> 3011 <TAB> <TAB> <TAB> <TAB> 2400.00 <TAB> <TAB> 1 <TAB> <TAB> <TAB> <TAB> <TAB>

Sample invoice (screenshot)

<THE END>