



Vehicle Data Interface


Retailer API - Technical Documentation

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Technical Description of the Vehicle Data Interface for Retailers (Retailer API)


I

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1 General Information

1.1 Purpose of the Interface

The vehicle data interface for retailers (Retailer [API](#)) allows you to send your vehicle inventory to the [custom-bike.com](https://www.custom-bike.com) vehicle database for advertising in a single step.

This document describes the supported data formats (see Section 2) and the supported submission paths (see Section 3).

1.2 Activating the Interface

The interface does not require any activation at present. The interface is automatically activated for you during the retailer registration process.

2 Data Formats

2.1 General Information

The data sets for describing vehicles are to be saved in a text file. The supported text file formats are described in the following. The third-party interface offered by mobile.de is currently supported in addition to the custom-bike.com interface.

Please note that you will only be able to take advantage of all the features offered on the advertising platform (e.g. vehicle accessories) when using the custom-bike.com interface.

2.2 custom-bike.com

The custom-bike.com interface for submitting vehicle data, accessories and photos of vehicles is described in the following.

2.2.1 Vehicle Data: Description

2.2.1.1 Description

You can submit your vehicle data to us in the custom-bike.com [CSV](#) format. The [CSV](#) files must be created using the following parameters:

- Encoding: [UTF-8](#)
- Field / column delimiter: semicolon (;)
- Data set delimiter: Carriage Return ([CR](#)), Line Feed ([LF](#)) or Carriage Return Line Feed ([CRLF](#))
- Text separator: quotation mark (")
- Decimal delimiter: dot (.) or comma (,)
- File name: vehicles.csv

2.2.1.2 Data Set Structure

The following table describes the structure of a vehicle data set in the [CSV](#) file. Please note that the following points are necessary in order to ensure that your vehicle data can be processed



properly:

- The data fields must be submitted in the order described below using one row in the CSV file per item - i.e.
 - line breaks within the data fields, in particular, are not allowed
 - Empty fields may not be omitted
 - Required fields may not be empty
- Content in “text” fields must be embedded in a text separator. If any individual data fields contain quotation marks (e.g. '16" rims), the quotation mark must be masked with an additional quotation mark: '16"" rims'
- Empty fields will be assumed to be a “no” or “no information provided”.
- An empty CSV can be used to delete the entire vehicle inventory.

No.	Sp.	Field name	Required	Type	Description
0	A	internal_id	X	Text ¹ (40)	Unique identification of a vehicle
1	B	category	X	Selection ⁶	Vehicle category key
2	C	make	X	Text	Name of vehicle manufacturer
3	D	model	X	Text	Description of vehicle model
4	E	performance		Whole number	Vehicle performance
5	F	performance_unit	X ⁶	Selection	'kW', 'hp', 'ps' (kW =kilowatt, hp =horse power, PS =Pferdestärke)
6	G	initial_registration		Date (MM.YYYY)	First registration date
7	H	milage	X	Whole number	Kilómetros driven in km
8	I	milage_unit	X	Selection	'km', 'm' (km kilometres, m =miles)
9	J	price	X	Decimal number ^{2,4}	Gross or net price
10	K	price_unit	X	Selection	Currency code for the price according to ISO 4217 (the following currencies are supported: AUD, BGN, BRL, CAD, CHF, CNY, CZK, DKK, GBP, HKD, HRK, HUF, EUR, IDR, ILS, INR, JPY, KRW, LTL, LVL, MXN, MYR, NOK, NZD, PHP, PLN, RON, RUB, SEK, SGD, THB, TRY, USD, ZAR)
11	L	vat		Selection ²	Subject to VAT: {0, 1} with 0=no, 1=yes
12	M	color		Selection	Colour (the following colours are supported: black, white, grey, brown, red, green, lime, olive, yellow, navy, blue, purple, teal, aqua, silver, gold)
13	N	vendor_price		Decimal number ^{2,4}	Gross or net price for retailers
14	O	vendor_price_unit	X ⁶	Selection	Currency code for the retailer price according to ISO 4217 (the following currencies are supported: AUD, BGN, BRL, CAD, CHF, CNY, CZK, DKK, GBP, HKD, HRK, HUF, EUR, IDR, ILS, INR,



No.	Sp.	Field name	Required	Type	Description
					JPY, KRW, LTL, LVL, MXN, MYR, NOK, NZD, PHP, PLN, RON, RUB, SEK, SGD, THB, TRY, USD, ZAR)
15	P	description		Text (2000)	Comment/description of vehicle
16	Q	image_id		Text ^{1,3}	Image reference (see Section 2.2.3)
17	R	vat_rate		Decimal number _{2,4}	VAT rate in per cent (e.g. 7.0 or 19.0)
18	S	abs		Selection	ABS: {0, 1} with 0=no, 1=yes
19	T	full_service_history		Selection	Full service history: {0, 1} with 0=no, 1=yes
20	U	catalytic_converter		Selection	Catalytic converter: {0, 1} with 0=no, 1=yes
21	V	kick_starter		Selection	Kick starter: {0, 1} with 0=no, 1=yes
22	W	electric_starter		Selection	Electric starter: {0, 1} with 0=no, 1=yes
23	X	drive_type		Selection	Drive type: {1 .. 3} with 1=chain, 2=cardan, 3=belt
24	Y	engine_displacement		Whole number	Engine displacement of vehicle
25	Z	engine_displacement_unit		Selection	Engine displacement unit of the vehicle: {'ccm', 'l', 'cui'} with <u>ccm</u> =cubic centimetres, <u>l</u> =litres, <u>cui</u> =cubic inches
26	AA	year_of_construction		Date (YYYY)	Year of construction
27	AB	fuel_type		Selection	Fuel type: {0, 1, 2, 3, 4, 6, 7, 8, 9} with 0=other, 1=petrol, 2=diesel, 3=liquefied petroleum gas, 4=natural gas, 6=electricity, 7=hybrid, 8=hydrogen, 9=ethanol
28	AC	gear_type		Selection	Gear type: {0 .. 3} with 0=no information provided, 1>manual, 2=semi-automatic, 3=automatic
29	AD	cases		Selection	Motorcycle case: {0, 1} with 0=no, 1=yes
30	AE	front_screen		Selection	Front screen: {0, 1} with 0=no, 1=yes
31	AF	previous_owners		Whole number	Number of previous owners
32	AG	top_offer		Selection	Top offer: {0, 1} with 0=no, 1=yes
33	AH	color_2		Selection	Colour 2 (the following colours are supported: black, white, grey, brown, red, green, lime, olive, yellow, navy, blue, purple, teal, aqua, silver, gold)
34	AI	weight		Decimal number ₄	Weight
35	AJ	weight_unit		Selection	'kg', 'lb' (<u>kg</u> kilogram, <u>lb</u> =pound)
36	AK	number_of_gears		Whole number	Number of gears
37	AL	number_of_cylinders		Whole number	Number of cylinders

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No.	Sp.	Field name	Required	Type	Description
38	AM	city		Text	City
39	AN	country		Text	Country
40	AO	postal_code		Text	Postal code
41	AP	last_technical_inspection		Date (MM.YYYY)	Last technical inspection (TÜV/AU)
42	AQ	technical_inspection_valid_thru		Date (MM.YYYY)	Technical inspection valid thru
43	AR	tankbag		Selection	Tank bag: {0, 1} with 0=no, 1=yes
44	AS	topcase		Selection	Top case: {0, 1} with 0=no, 1=yes
45	AT	technical_inspection_new		Selection	New technical inspection upon request: {0, 1} with 0=no, 1=yes
46	AU	crash_bar		Selection	Crash bar: {0, 1} with 0=no, 1=yes
47	AV	color_metallic		Selection	Colour is metallic: {0, 1} with 0=no, 1=yes
48	AW	second_color_metallic		Selection	Second colour is metallic: {0, 1} with 0=no, 1=yes

Comments

1	The following characters may be used: a-z, A-Z, 0-9 and the special characters hyphen ("-") and underscore ("_"). All other characters, especially all other special characters, are not allowed.
2	If vat_rate (R) is given and vat (L) is set to subject to VAT, the VAT is displayed and the price (J) and vendor_price (N) are considered to be net prices. Otherwise they will be considered to be the gross price. vat_rate (R) is only used when vat (L) is set to subject to VAT.
3	The image_id (Q) is used to allocate images to vehicles. The designation logic used for image_id (Q) is explained in Section 2.2.3.
4	You may only use one decimal delimiter. The accepted decimal delimiters are dot (".") and comma (","), Other inputs (e.g. thousands delimiter) cannot be used.
5	Only a required field when previous field completed (e.g. performance_unit must only be entered when the performance field is not empty).

Category Key [CUSTOMBIKE]	
Key(s)	Description
CHOPPER-CRUISER	Chopper or cruiser
DIRT-BIKE	Dirt bike
ENDURO	(Travel) ENDURO
SIDE-CAR	Motorcycle combination or side car
SCOOTER	Scooter or light motorcycle
MOPED	Mopeds
MOTORCYCLE	Motorcycle (general information)



No.	Sp.	Field name	Required	Type	Description
		NAKED-BIKE			Naked bike
		POCKET-BIKE			Pocket bike
		QUAD			Quad
		RALLEY-CROSS			Rally or cross bike
		RACING			Racing
		SCOOTER			Scooter
		SUPER-SPORT			Sports bike and super sports bike
		SPORT-TOURER			Sport touring bike
		STREETFIGHTER			Streetfighter
		SUPER-MOTO			Supermoto
		TOURER			Touring bike
		TRIKE			Trike
		OTHER			Other type of motorcycle

2.2.1.3 Data Types

The data types used in the text files are to be interpreted as follows:

- Text (X): text field, maximum length of X characters
Use the text delimiter (“”) to separate text fields
- Date (MM.YYYY): date field with “month/year” format, e.g. 05.2013
- Date (YYYY): date field with “year” format, e.g. 2013
- Whole number: positive number, no comma, e.g. 4712
- Decimal number: positive number, with comma/dot, e.g. 8,99 or 8.99
- Selection: Selection according to the description of the named values

2.2.1.4 Sample Data Set


The sample data set must be in one row. The breaks are due to limits in the layout.

Sample Data Set 1:

```
"CH603502658";";"A&M";"Light Weight 1.3 (Basic)";"32.00";"KW";"11.2011";"12345";"KM";"999.99";
"EUR";"0";"black";";";"Beschreibung";"bild_id";"0";"1";"1";"0";"1";"1";"1";"1285.00";"ccm";"198
0";"1";"1";"0";"1";"2";"0";";"200";"kg";"5";"4";"Stadt";"DE";"12345";"1.1.2011";"01.01.2011";"01
.01.2013";"0";"0";"0";"1";"0";"0";"0";"0"
```

Sample Data Set 2:

```
"CH603502659";";"A&M";"Eurostar 1.4 (Basic)";"44.00";"KW";"11.2011";"12345";"KM";"999.99";"EUR";
"0";"black";";";"Beschreibung";"bild_id";"0";"1";"1";"0";"1";"1";"1";"1390.00";"ccm";"1980";"1
";"1";"0";"1";"2";"0";";"200";"kg";"5";"4";"Stadt";"DE";"12345";"1.1.2011";"01.01.2011";"01.01.20
13";"0";"0";"0";"1";"0";"0";"0";"0"
```



2.2.2 Vehicle Data: Accessories

2.2.2.1 Description

You can also submit to us the accessory items that go with the vehicles in addition to the vehicle data. The [CSV](#) file must be created using the following parameters:

- Encoding: [UTF-8](#)
- Field / column delimiter: semicolon (;)
- Data set delimiter: Carriage Return ([CR](#)), Line Feed ([LF](#)) or Carriage Return Line Feed ([CRLF](#))
- Text separator: quotation mark (")
- Decimal delimiter: dot (.) or comma (,)
- File name: accessories.csv

2.2.2.2 Data Set Structure

The following table describes the structure of a vehicle data set in the [CSV](#) file. Please note that the following points are necessary in order to ensure that your vehicle data can be processed properly:

- The data fields must be submitted in the order described below using one row in the CSV file per item - i.e.
 - line breaks within the data fields, in particular, are not allowed
 - Empty fields may not be omitted
 - Required fields may not be empty
- Content in “text” fields must be embedded in a text separator. If any individual data fields contain quotation marks (e.g. '16" rims), the quotation mark must be masked with an additional quotation mark: '16"" rims'
- Empty fields will be assumed to be a “no” or “no information provided”.
- An empty CSV can be used to delete the entire accessories inventory.

No.	Sp.	Field name	Required	Type	Description
0	A	internal_id	X	Text ¹ (40)	Unique identification for an accessory
1	B	veh_internal_id	X	Text ¹ (40)	Reference to the vehicle to which the accessory belongs
2	C	price	X	Decimal number _{2,4}	Gross or net price
3	D	price_unit	X	Selection	Currency code for the price according to ISO 4217 (the following currencies are supported: AUD, BGN, BRL, CAD, CHF, CNY, CZK, DKK, GBP, HKD, HRK, HUF, EUR, IDR, ILS, INR, JPY, KRW, LTL, LVL, MXN, MYR, NOK, NZD, PHP, PLN, RON, RUB, SEK, SGD, THB, TRY, USD, ZAR)
4	E	description		Text (2000)	Comment on/description of the accessory
5	F	image_id		Text ^{1,3}	Image reference (see Section 2.2.3)



No.	Sp.	Field name	Required	Type	Description
6	G	vat		Selection ²	Subject to VAT: {0, 1} with 0=no, 1=yes
7	H	vat_rate		Decimal number _{2,4}	VAT rate in per cent (e.g. 7.0 or 19.0)
8	I	vendor_price		Decimal number _{2,4}	Gross or net price for retailers
9	J	vendor_price_unit	X ⁵	Selection	Currency code for the retailer price according to ISO 4217 (the following currencies are supported: AUD, BGN, BRL, CAD, CHF, CNY, CZK, DKK, GBP, HKD, HRK, HUF, EUR, IDR, ILS, INR, JPY, KRW, LTL, LVL, MXN, MYR, NOK, NZD, PHP, PLN, RON, RUB, SEK, SGD, THB, TRY, USD, ZAR)
Comments					
1	The following characters may be used: a-z, A-Z, 0-9 and the special characters hyphen (“-”) and underscore (“_”). All other characters, especially all other special characters, are not allowed.				
2	If vat_rate (R) is given and vat (G) is set to subject to VAT, the VAT is displayed and the price (C) and vendor_price (I) are considered to be net prices. Otherwise they will be considered to be the gross price. vat_rate (H) is only used when vat (G) is set to subject to VAT.				
3	The image_id (Q) is used to allocate images to accessories. The designation logic used for image_id (F) is explained in Section 2.2.3.				
4	You may only use one decimal delimiter. The accepted decimal delimiters are dot (“.”) and comma (“,”). Other inputs (e.g. thousands delimiter) cannot be used.				
5	Only a required field when previous field completed (e.g. vendor_price_unit must only be entered when the vendor_price field is not empty).				

2.2.2.3 Data Types

The data types used in the text files are to be interpreted as follows:


- Text (X): text field, maximum length of X characters
Use the text delimiter (“”) to separate text fields
- Date (MM.YYYY): date field with “month/year” format, e.g. 05.2013
- Date (YYYY): date field with “year” format, e.g. 2013
- Whole number: positive number, no comma, e.g. 4712
- Decimal number: positive number, with comma/dot, e.g. 8,99 or 8.99
- Selection: Selection according to the description of the named values

2.2.2.4 Sample Data Set

The sample data set must be in one row.

Sample data sets 1-4:

```
1;CH603502658;10.00;EUR;Zubehör 1;image_1;0;;8.00;EUR
2;CH603502658;20.00;EUR;Zubehör 2;image_2;1;19,00;15.00;EUR
3;CH603502659;30.00;EUR;Zubehör 3;image_3;1;19,00;;
4;CH603502659;40.00;EUR;Zubehör 4;image_4;0;;30.00;EUR
```


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2.2.3 Vehicle Data: Images

Image files can be submitted to accompany the adverts and accessories. Images with the following properties can currently be supported:

- Photo size: maximum 5 MB per image file
- Format: [JPEG](#)

The *image_id* field is used to allocate images **1 bis n** to an advert based on the logic of “[image_id]_01.jpg” or “[image_id]_1.jpg” to maximum “[image_id]_[n].jpg”.

Only one image per accessory is allowed. The *image_id* field is used to allocate the image to an accessory based on the logic of “ACC_[image_id].jpg”.

The entire image set for the vehicle must be resent when new images are added to an advert or existing images are to be changed. Otherwise, the existing images that were not resent will be deleted.

2.2.4 Vehicle Data: Videos

Video formats are not supported at present. Please contact our support team at support@custom-bike.com if you wish to submit videos of your vehicles to custom-bike.com.

2.3 Third-party format: mobile.de – CSV file

Part of the mobile.de interface for submitting vehicle data and images of vehicles is described in the following.

2.3.1 Vehicle Data: Description

2.3.1.1 Description

You can also submit your vehicle data to us in the mobile.de [CSV](#) format. The CSV file must be created using the following parameters:

- Encoding: [ISO-8859-15](#)
- Field / column delimiter: semicolon (;)
- Data set delimiter: Carriage Return ([CR](#)), Line Feed ([LF](#)) or Carriage Return Line Feed ([CRLF](#))
- Text separator: quotation mark (")
- Decimal delimiter: dot (.) or comma (,)

2.3.1.2 Data Set Structure

The following table describes the structure of a vehicle data set in the CSV file. Please note that the following points are necessary in order to ensure that your vehicle data can be processed properly:

- The data fields must be submitted in the order described below using one row in the CSV file per item - i.e.
 - line breaks within the data fields, in particular, are not allowed
 - Empty fields may not be omitted



- Required fields may not be empty
- Content in “text” fields must be embedded in a text separator. If any individual data fields contain quotation marks (e.g. '16" rims), the quotation mark must be masked with an additional quotation mark: '16"' rims'
- Empty fields will be assumed to be a “no” or “no information provided”.
- An empty CSV can be used to delete the entire vehicle inventory.

No.	Sp.	Field name	Required	Type	Description
0	A				Field is ignored
1	B	internal_id	X	Text ¹ (40)	Unique identification of a vehicle
2	C	category		Selection ⁵	Vehicle category key
3	D	make	X	Text	Name of vehicle manufacturer
4	E	model	X	Text	Description of vehicle model
5	F	performance		Whole number	Vehicle performance in kilowatts (kW)
6-7	G-H				Fields are ignored
8	I	initial_registration		Date (MM.YYYY)	First registration date
9	J	km_driven	X	Whole number	Kilometres driven in km
10	K	price	X	Decimal number ^{2,4}	Gross or net price in EUR
11	L	vat		Selection ²	Subject to VAT: {0, 1} with 0=no, 1=yes
12-15	M-P				Fields are ignored
16	Q	color		Text (32)	Colour
17-22	R-W				Fields are ignored
23	X	vendor_price		Decimal number ^{2,4}	Gross or net price for retailers
24	Y				Field is ignored
25	Z	description		Text (2000)	Comment/description of vehicle
26	AA	image_id		Text ^{1,3}	Image reference (see Section 2.3.2)
27-28	AB-AC				Fields are ignored
29	AD	vat_rate		Decimal number ^{2,4}	VAT rate in per cent (e.g. 7.0 or 19.0)
30-32	AE-AG				Fields are ignored
33	AH	abs		Selection	ABS: {0, 1} with 0=no, 1=yes
34-45	AI-AT				Fields are ignored
46	AU	full_service_history		Selection	Full service history: {0, 1} with 0=no, 1=yes

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No.	Sp.	Field name	Required	Type	Description
47	AV	catalytic_converter		Selection	Catalytic converter: {0, 1} with 0=no, 1=yes
48	AW	kick_starter		Selection	Kick starter: {0, 1} with 0=no, 1=yes
49	AX	electric_starter		Selection	Electric starter: {0, 1} with 0=no, 1=yes
50	AY				Field is ignored
51	AZ	drive_type		Selection	Drive type: {1 .. 3} with 1=chain, 2=cardan, 3=belt
52	BA	engine_displacement		Whole number	Engine displacement of vehicle in ccm
53-57	BB-BF				Fields are ignored
58	BG	year_of_construction		Date (YYYY)	Year of construction
59-108	BH-DE				Fields are ignored
109	DF	fuel_type		Selection	Fuel type: {0, 1, 2, 3, 4, 6, 9, 8, 9} with 1=petrol, 2=diesel, 3=liquefied petroleum gas, 4=natural gas, 6=electricity, 7=hybrid, 8=hydrogen, 9=ethanol, 0=other
110	DG	gear_type		Selection	Gear type: {0 .. 3} with 0=no information provided, 1>manual, 2=semi-automatic, 3=automatic
111-122	DH-DS				Fields are ignored
123	DT	cases		Selection	Motorcycle case: {0, 1} with 0=no, 1=yes
124	DU				Field is ignored
125	DV	front_screen		Selection	Front screen: {0, 1} with 0=no, 1=yes
126-157	DW-FB				Fields are ignored
158	FG	previous_owners		Whole number	Number of previous owners
159	FD	top_offer		Selection	Top offer: {0, 1} with 0=no, 1=yes
160-170	FE-FO				Fields are ignored

Comments

1	The following characters may be used: a-z, A-Z, 0-9 and the special characters hyphen ("-") and underscore ("_"). All other characters, especially all other special characters, are not allowed.
2	If vat_rate (AD) is given and vat (L) is set to subject to VAT, the VAT is displayed and the price (K) and vendor_price (X) are considered to be net prices. Otherwise they will be considered to be the gross price. vat_rate (AD) is only used when vat (L) is set to subject to VAT.
3	The image_id (AA) is used to allocate images to vehicles. The internal_id (B) field, however, is generally used to allocate images. If an image_id is submitted in the image_id (AA) field, this information will have priority. The designation logic is the same for both options and is explained in Section 2.3.2.
4	You may only use one decimal delimiter. The accepted decimal delimiters are dot (".") and comma (","). Other inputs (e.g. thousands delimiter) cannot be used.
5	Category Key



No.	Sp.	Field name	Required	Type	Description
		Key(s)			Description
		ChopperAndCruiser			Chopper or cruiser
		DirtBike			Dirt bike
		EnduroAndTouringEnduro			(Travel) ENDURO
		CombinationAndSidecar			Motorcycle combination or side car
		LightweightMotorcycleAndMotorbike			Scooter or light motorcycle
		MotorAssistedBicycleAndSmallMoped			Mopeds
		Motorcycle			Motorcycle (general information)
		NakedBike			Naked bike
		Pocketbike			Pocket bike
		Quad			Quad
		RallyAndCross			Rally or cross bike
		Racing			Racing
		Scooter			Scooter
		SportsAndSuperSportsBike			Sports bike and super sports bike
		SportTouringMotorcycle			Sport touring bike
		Streetfighter			Streetfighter
		SuperMoto			Supermoto
		Tourer			Touring bike
		Trike			Trike
		OtherMotorbike			Other type of motorcycle

2.3.1.3 Data Types

The data types used in the text files are to be interpreted as follows:

- Text (X): text field, maximum length of X characters
- Date (MM.YYYY): date field with "month/year" format, e.g. 05.2013
- Date (YYYY): date field with "year" format, e.g. 2013
- Whole number: positive number, no comma, e.g. 4712
- Decimal number: positive number, with comma/dot, e.g. 8,99 or 8.99
- Selection: Selection according to the description of the named values

2.3.1.4 Sample Data Sets

The sample data set must be in one row. The breaks are due to limits in the layout.

Sample Data Set 1:



3.2 Submission per File Transfer Protocol (FTP)

3.2.1 Server and Access Data

Host name: [ftp.custom-bike.com](ftp://custom-bike.com)
Host port: 3025
User name: {e-mail address that you use when signing in at <http://custom-bike.com>}.
Password: {password that you use when signing in at <http://custom-bike.com>}.

3.2.2 Path

Please use the following target paths when submitting data based on the vehicle data format you have chosen (see Section 2):

- Format custom-bike.com: /custom-bike/
- Format mobile.de: /

3.3 Submission via Hypertext Transfer Protocol (HTTP)

The submission of vehicle data via HTTP is currently not supported. Please contact our support team at support@custom-bike.com if you would like to have an HTTP interface provided.



4 Appendix

4.1 Abbreviations

<u>API</u>	Application Programming Interface
<u>ccm</u>	cubic centimetres
<u>cui</u>	cubic inches
<u>CR</u>	Carriage Return
<u>CRLF</u>	Carriage Return + Line Feed
<u>CSV</u>	Character Separated Values
<u>FTP</u>	File Transfer Protocol
<u>HTTP</u>	Hypertext Transfer Protocol
<u>hp</u>	Horse Power
<u>kB</u>	Kilobyte
<u>km</u>	Kilometre
<u>kW</u>	Kilowatt
<u>l</u>	Litre
<u>lb</u>	Pound
<u>LF</u>	Line Feed
<u>m</u>	Mile
<u>MB</u>	Megabyte
<u>PS</u>	Pferdestärke (Horse Power)

4.2 Modification history

Date	Author	Version	Comment
28.05.2013	bko	0.0.1	Initial draft
04.07.2013	bko	0.9.0	Draft prior to implementation and translation
05.08.2013	bko	0.9.1	Draft prior to implementation and translation incl. test data sets
28.11.2013	bko	1.0.0	Version 1 final

