

Specification of data presentation methods

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Data transport

Recommended data transports (optional):

- the file is regularly uploaded to our STFP server.
- the file is uploaded via <https://api.dotcon.io/>

Alternative data transports:

- a file on the client's FTP or HTTP server, updated on a known schedule.
- client API, which returns a file in an agreed data format, generated in real time, based on the provided credentials (URL, login , password).

Data retention period:

- For the product list – depending on the dynamics of cost changes and the frequency of new products. **Recommended** update frequency – every 24 hours.
- For the inventory list – depending on the rate of change of available inventory. **Recommended** update frequency – every 1-2 hours.

Data format

It is recommended to submit data in **TXT/CSV** format, according to the specification and example below. Alternative file formats: XML, JSON, JSONL, however, in case of a large number of products, a large part of the file consists of technical information (field names), therefore this is not a recommended file format.

Files must use **UTF-8 (Unicode)** encoding.

In the product list, **the SKU** (Item Identifier) is a required attribute and cannot be repeated. A new entry overrides the old one .

In the inventory list, **SKUs** can be repeated, in case of repeated **SKUs** , the quantities in the file are summed up if they have the same Warehouse .

The barcode is specified in the **EAN13** field and must consist of 13 digits (no letters). Barcodes starting with "2" are for internal company use and should not be listed for sale on Amazon . If a product has multiple alternative barcodes , they can be specified, separated by a comma. Only one ASIN will be found per product per marketplace, based on the best matching barcode .

Cost , **MinPrice** and **MaxPrice** prices are specified to two decimal places, in euros, without specifying the currency symbol.

Cost (product cost) is an optional attribute. If cost is provided, the Dotcon system reports will show the actual profit from operations.

MinPrice and **MaxPrice** (net selling price range) are required attributes. They are usually higher than **Cost** (if specified), but for sale items they can be lower than **Cost** , the program logic does not check or limit this.

Weight is indicated in kilograms, up to three digits after the decimal point.

In numbers, a period is used to separate the fractional part from the integer part. Numbers cannot use spaces, commas, or other separators to group the digits of large numbers in thousands and millions.

ASIN_xx fields must be filled in only one of the following cases:

- a) if the Dotcon program associates a product with an incorrect ASIN in the Amazon system and you want to change or delete the incorrect association,
- b) if a product cannot be supplied to one or more Amazon marketplaces and you want to block it in a specific marketplace.

Normally, the **ASIN_xx** fields are not required and must be left blank . If the field is filled in, the value provided will be used for binding. If the field is **NULL** (four letters, without quotes) – the binding will be removed and not bound to any value. This value should be used if the binding found by Dotcon is incorrect, but the correct ASIN is not available, or if you want to block the product in one or more Amazon markets. If you need to block the product in all markets, simply do not provide it in the data feed .

The ASIN_xx value is valid for the specified market, currently the possible **xx** values for the European region are: **DE, ES, FR, GB, IT, NL, SE, PL, BE, IE** . Please note that the country code for Great Britain (aka the United Kingdom or England) according to ISO 3166 and Amazon standards is **GB** , not UK (even though the domain is called amazon.co.uk).

The Warehouse field in the inventory list is not required, it is used only if there are different sources of product supply, for example: Central Warehouse, Store, SupplierX , etc. Orders will contain the product code, underscore character and warehouse code, for example: `1234561_Main`

The LeadTime field indicates how many business days it will take for the goods to be ready for shipment. These fields are summed in both feeds - for example, the product ABC in the product list has a **LeadTime** of "3", and in the inventory list **the LeadTime** in the main warehouse is 0, and in the supplier "X" - 7 days. In this case, you commit to ship the product from the main warehouse within 3 business days, from the supplier "X" - within 3+7=10 business days.

The Fraction field indicates if the product is part of a larger package, for example, packaged as a UTP terminal, and the EAN barcode belongs to a box of 100 pieces . In this case, the value "100" should be specified, **the MinPrice** and **MaxPrice** prices of the product will be multiplied by this number, and the stock quantity will be divided by this number. The default value of the field is "1", this value is also used if this column is not present in the product list at all.

The product list may contain additional fields that determine shipping type, price, etc.

TXT/CSV format

A TXT/CSV file is created by specifying the column names in the first line, followed by one product in each line. Fields are separated by the <TAB> character (ASCII #9, PHP "\t"). Both files can contain additional columns, but it is recommended that the first columns be arranged in the specified order. If a value is missing, it is not output (the line contains two or more <TAB> characters in a row). It is not necessary (i.e., it is not possible) to write quotation marks, a minus sign, the word "None" or other values in place of a missing value.

Sample files:

Product list

SKU	EAN13	UPC	MPN	Manufacturer	Model	Title	
	MinPrice	MaxPrice	Weight	LeadTime	ASIN_DE		
	ASIN_ES	ASIN_FR	ASIN_GB	ASIN_IT	ASIN_NL	ASIN_SE	Fraction
1234561	1234567890128	123456789018	AB123456XX	United Electronics		WatchThis ! 55-v2	
	TV 55" TFT LCD	WatchThis	, DVB-T, DVB-S, MPEG4		12.3417.8921.83B	0ABCDEF12	1
		NULL			BOABCDEF12		1

Inventory list

SKU	QTY	Warehouse	LeadTime
1234561	50	Main	1
1234562	1	Supplier_X	7
1234323	18		