This guide describes how to update products on the Eligma platform.

Get an API access

To obtain the access to Eligma platform you need to request the API key via email: suppliers@eligma.com.

Integration with Eligma platform

The Eligma platform accepts data in two formats: XML and CSV. We recommend to use XML.
Main rules:

- All text must be in UTF-8 encoding.
- All external links must be the absolute URL addresses.
- All field names must be in lower case.
- Strings with extra characters (:,;|) must be covered by double quotes.
- Decimal places in numbers must be splitted by dot.

XML format for products

To upload products information in XML format, please create the XML content and send it to Eligma API gateway:
POST https://api.eligma.net/v1/suppliers/import/xml/?api_key=<your_api_key>

XML example (with one product):

```xml
<?xml version="1.0" encoding="UTF-8"?>
<Eligma-products xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <products>
        <product
            id="The internal ID"
            ean="00000001"
            upc="000000002"
            name="The product name"
            brand="Brand name"
            model="Black color"
            price="100.00"
            currency="EUR"
            old_price="0"
            sale_price="0"
            stock_online="1"
            stock_offline="2"
            warranty="12"
            url="http://example.com/"
            description="Small description in plain text without html tags">
            <description><![CDATA[<html>This is a long description with HTML
tags</html>]]></description>
            <categories>
                <category>Catalog</category>
                <category>Sub category 1</category>
                <category>Sub category 2</category>
            </categories>
```

```xml
            <images>
                <image url="http://example.com/image.png" width="100" height="100" />
                <image url="http://example.com/image.png" width="100" height="100" />
                <image url="http://example.com/image.png" width="100" height="100" />
            </images>
            <properties>
                <property name="CPU cores" value="3" type="int" />
                <property name="Display" value="5.2" unit="inch" type="float" />
                <property name="RAM memory" value="1.5" unit="Gb" type="string" />
            </properties>
            <packaging>
                <property name="width" value="30" unit="sm" />
                <property name="height" value="42" unit="sm" />
                <property name="weight" value="1.5" unit="kg" />
            </packaging>
        </product>
    </products>
</Eligma-products>
```

Product attributes description:

Name	Type	Description	Mandatory
id	string	Internal ID of supplier	yes
ean	string	European Article Number	yes
upc	string	Universal product code	yes
name	string	Product title	yes
brand	string	Brand name	yes
model	string	Model name or customizations	no
price	decimal	Product price. Decimal places separated by dot.	yes
old_price	decimal	Old price of product	no
sale_price	decimal	Sale price	no
stock_online	integer	Quantity products in online store	yes
stock_offline	integer	Quantity products in offline store	no
warranty	integer	Quantity warranty in months	yes
url	string	URL to product page	yes
description	string	Small description in plain text. No html tags.	no

Images tag contains **image** tags. Each **image** tag has attributes:

Name	Type	Description	Mandatory
url	string	Absolute URL to image	yes
height	integer	Image height in pixels	no
width	integer	Image width in pixels	no

Description tag contains full description of product. It allows html tags.

Categories tag describes a tree of categories, including subcategories.

Properties tag contains **property** tags. Each **property** tag has attributes:

Name	Type	Description	Mandatory
name	string	Name of property	yes
value	string	The value of property	yes
type	string	Can be string, int, float	no
unit	string	Measure unit name (Gb, kg, inches)	no

Packaging tag describes information for logistic and delivery

Name	Type	Description	Mandatory
height	decimal	Height of packed product with unit field	yes
width	decimal	Width of packed product with unit field	yes
weight	decimal	Weight of product in kilos	no

CSV format for products

The Eligma platform can accepts data in CSV (comma-separated values) format and UTF-8 encoding.
You can send CSV generated content to the
POST https://api.eligma.net/v1/suppliers/import/csv/?api_key=<your_api_key>

The CSV row must consist of following parts:
```
id,ean,upc,name,brand,model,price,old_price,sale_price,stock_online,s
tock_offline,warranty,width,height,depth,weight,url,small_description
,long_description,category,images,properties
```

Please, add header with fields names as the first row in the file.

Attributes description:

Name	Type	Description	Mandatory
id	string	Internal ID of supplier	yes
ean	string	European Article Number	yes
upc	string	Universal product code	yes
name	string	Product title	yes
brand	string	Brand name	yes
model	string	Model name or customizations	no
price	string	Product price. Decimal places separated by dot.	yes
old_price	string	Old price of product	no
sale_price	string	Sale price	no
stock_online	integer	Quantity products in online store	yes
stock_offline	integer	Quantity products in offline store	no
warranty	integer	Quantity warranty in months	yes
height	decimal	Height of boxing product (for logistics)	yes
width	decimal	Width of boxing product (for logistics)	yes
depth	decimal	Depth of boxing product (for logistics)	yes
weight	decimal	Weight in kg	no
url	string	URL to product page	yes
small_description	string	Small description in plain text. No html tags.	no
long_description	string	Long description. HTML tags can be included. All new line characters should be removed.	yes
category	string	Category name or list of categories names splitted by comma (,)	yes
images	string	Set of URL images. Each URL must be absolute. URLs must separated by comma. **Example:** http://site.com/1.jpg,http://site.com/2.jpg	yes
properties	string	Set of properties and values. Each property-value must be separated by comma. ":" must split property and value. **Example:** RAM:3Gb,CPU Cores:4,Display:Amoled	yes

Important! All field names should be in lower case.

In case any questions, please, contact us by email: suppliers@eligma.com.