

ANDA Present

XML and CSV feed manual

Version 2.3

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Overview

ANDA Present Ltd. offer the possibility to import our products data automatically from our system to our distributors who own webshop and would like to list the products with detailed information, prices and printing information.

We offer xml files and csv files also. Csv files are only available for product and price feed. Please noted that **for csv we generate a different ID and url!**

We generate the files individually and it contains your own discount prices and the product info contains the languages that are available on your portal where you can login.

Frequency of updating

The provided xml files are updated regularly so the links that you got always contain the updated product, price, stock and printing information.

XML feed name	XML feed description	File size	Update frequency	Updated file is ready at
Product xml / csv	Product information feed	30-40 MB	3 times a week	Odd days 6:00 PM
Category xml	Product categories feed	20-30 kB	Twice a day	(7:30 AM, 21:30 PM)
Inventory xml	Product stock information feed	4-5 MB	Every 30 min	(X:00, X:30)
Price xml / csv	Product price feed	3-5 MB	Once a week	Saturday 9:00 AM
Labeling xml	Labeling information feed	20-25 MB	Twice a week	On the following days of the month: 3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th (6:00 PM)
Labeling price xml	Labeling pricing feed	200-300 kB	Every day	6:00 PM
Unique product price xml	Unique product price feed	100 kB	Every day	6:00 PM
Printing time info csv	Printing time information	5-10 kB	Every 10 min	X:00, X:10, X:20, X:30, X:40, X:50



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Available languages

For the following xml feed we provide them in all languages available on our webshop:

- Product
- Category
- Labelling info
- Printing time info

Language codes (10):

- en
- hu
- de
- it
- fr
- nl
- cz
- pl
- ro
- sk

At the first step we have to activate your XML feed access and we need one or more static IP addresses from where you would like to reach the xml files. **For activation, please contact your sales representative.**



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Product feed

The product XML and CSV feed available on languages regarding the web portal where you have web account.

The product xml feed can be accessed on the following link:

https://xml.andapresent.com/export/products/language_code/unique_xml_ID

The product xml contains only the available products and the detailed information about them.

The product csv feed can be accessed on the following link:

https://xml.andapresent.com/export/products-csv/language_code/unique_csv_ID

Update frequency

3 times a week, odd days 6:00 PM

Information in the feed

Product details

Item number	<itemNumber>	(string)
Design name	<designName>	(string)
Primary color	<primaryColor>	(string)
Secondary color	<secondaryColor>	(string)
Short description	<name>	(string)
Long description	<description>	(string)
Primary image	<primaryImage>	(string)
Images	<image>	(string)
Images modified date	<images_modified_date>	(date:time)
Availability	<temporaryUnavailable>	(boolean/integer)*
Custom production	<customProduction>	(boolean/integer)*
MOQ	<minimumOrderQuantity>	(integer)
Weight	<individualProductWeight>	(integer)
Country of origin	<countryOfOrigin>	(string)
Tariff number	<tariffNumber>	(integer)
Brand	<brandName>	(string)
EAN code	<eanCode>	(integer)
Root item number	<rootitemNumber>	(string)
Multiple	<multiple>	(integer)
Data modification date	<lastModifiedDate>	(date:time)
Product theme	<productTheme>	(string)
Collection details	<collection>	(string)



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Collection chapter name	<chapter>	(string)
Collection page number	<page number>	(integer)
Collection name	<name>	(string)
Collection code	<code>	(string)
Collection release date	<release date>	(string – ISO8601)

Packing details

Package details	<packageData>	(string)
Type of package	<code>	(string)
Item quantity per package	<quantity>	(integer)
Package length	<length>	(integer)
Package width	<width>	(integer)
Package height	<height>	(integer)
Package cubic volume	<cubage>	(integer)
Package weight	<weight>	(integer)
Package gross weight	<grossweight>	(integer)

Specification details (with property translation)

Specification details type	<name>	(string)
Specification details name	<name>	(string)
Specification value	<values>	(string)

Category details

Category name	<name>	(string)
Category level	<level>	(string)
Category external ID	<externalId>	(integer)
Primary category	<primary>	(string)

Related products

Related product	<relatedProduct>	(string)
-----------------	------------------	----------

Most data contain text or number. Below you find the special cases:

- Item number:
 - o AP12345-01: -XX is the colour code (see Appendix)
 - o AP12345-01-02: -XX-XX means there are two colours of the product (see Appendix)
 - o AP12345-01T: the colour of the product is transparent
 - o AP12345_L, AP12345_16GB: _X is the size code
 - o AP12345-01_L: colour and size code order (colour comes first and then the size)
 - o AP12345-A: the product with form (like cow, possible values: A, B, C, D, ...)
- temporaryUnavailable:
 - o 1: the product is not available
 - o 0: the product is available
- customProduct:
 - o 1: the product is a custom made product
 - o 0: the product is not a custom made product



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- **MOQ:**
 - o 0: there is no minimum order quantity

(boolean/integer)*= the field is boolean type but the value (0 or 1) is coming in integer format.

Material:

- We use 5 field for material because one product could be made from different materials. We use as much field as much material the product contains. Example a bottle is made from glass and plastic the Material 1 field contains the glass and the Material 2 field contains the plastic. The Material 3-5 field is not listed in the xml file.

Assembled product:

- Some products are assembled from different subparts, like Creacup or Creaslip. In this case you will find the parts by the following logic:
 - o Assembled product: AP892006
 - Subpart: AP892006-06_B (-06 – colour code, _B – part code)
 - o Assembled product with size: AP809497
 - Subpart: AP809497-01_36-38-A (-01 – colour code, _36-38 – size code, -A – part code)

Specification properties and type:

Material 1	(single value)
Material 1 weight	(numeric)
Material 2	(single value)
Material 2 weight	(numeric)
Material 3	(single value)
Material 3 weight	(numeric)
Material 4	(single value)
Material 4 weight	(numeric)
Material 5	(single value)
Material 5 weight	(numeric)
Size	(text)
Textile size	(single value)
Capacity	(single value)
Pen type	(multiselect)
Mechanism type	(single value)
Refill colour	(multiselect)
Refill type	(multiselect)
Touch screen stylus	(single value)
Sharpened	(single value)
Size format	(single value)
Bluetooth	(single value)
USB hub	(single value)
Number of USB ports	(single value)
Memory capacity	(single value)
Umbrella panels	(single value)
Umbrella mechanism	(single value)



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Gender	(single value)
Baseball hat panels	(single value)
Baseball cap size adjustment	(single value)
Battery included	(single value)
Quantity and type of batteries	(text)
Batteries installed	(single value)
Built-in rechargeable battery	(single value)
Battery capacity	(single value)
Maximum output	(single value)
Solar-powered	(single value)
USB cable included	(single value)
USB chargeable	(single value)
Compliance & Certification	(multiselect)
Blank product packaging	(single value)
Packaging of blank products (1. level)	(single value)
Packaging quantity of blank products (1. level)	(numeric)
Packaging of blank products (2. level)	(single value)
Packaging quantity of blank products (2. level)	(numeric)
Printed product packaging	(single value)
Packaging of printed products (1. level)	(single value)
Packaging quantity of printed products (1. level)	(numeric)
Packaging of printed products (2. level)	(single value)
Packaging quantity of printed products (2. level)	(numeric)
Notebook paper type	(single value)

Example

```
<products>
  <product>
    <itemNumber>AP741951-02</itemNumber>
    <designName>Martins</designName>
    <primaryColor>yellow</primaryColor>
    <secondaryColor>black</secondaryColor>
    <name>customisable thermo mug</name>
    <descriptions>Customisable, double wall plastic thermo mug with drinking lid
and silicone grip. 400 ml. MOQ: 50 pcs.</descriptions>
    <primaryImage>https://data.cdn-
andapresent.com/web_product_images_low-res/AP741951-02.jpg</primaryImage>
    <images>
      <image>https://data.cdn-
andapresent.com/web_product_images_low-res/AP741951-02.jpg
      </image>
      <image>https://data.cdn-
andapresent.com/web_product_images_low-res/AP741951-02__A.jpg
      </image>
    </images>
  </product>
</products>
```



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```
<images_modified_date>2022-01-
14T19:09:03+01:00</images_modified_date>
<temporarilyUnavailable>0</temporarilyUnavailable>
<customProduction>0</customProduction>
<minimumOrderQuantity>50</minimumOrderQuantity>
<individualProductWeightGram>240</individualProductWeightGram>
<countryOfOrigin>CN</countryOfOrigin>
<tariffNumber>3924100090</tariffNumber>
<brandName/>
<eanCode>5996425016816</eanCode>
<rootItemNumber>AP741951</rootItemNumber>
<multiple>500</multiple>
<lastModifiedDate>2024-03-22T19:07:00+01:00</lastModifiedDate>
<productTheme>
  <flags>
    <flag>
      <name>Go Green</name>
    </flag>
    <flag>
      <name>Made in EUROPE</name>
    </flag>
  </flags>
  <topics>
    <topic>
      <name>BE CREATIVE</name>
    </topic>
    <topic>
      <name>GO GREEN</name>
    </topic>
  </topics>
</productTheme>
<collections>
  <collections>
    <collection>
      <chapter>FOOD AND DRINKWARE</chapter>
      <pageNumber>310</pageNumber>
      <name>COOL 2019</name>
      <code>COOL 2019</code>
      <releaseDate>2019-01-
20T13:10:02+0100</releaseDate>
    </collection>
    <collection>
      <chapter/>
      <pageNumber>74</pageNumber>
      <name>BE CREATIVE 2019</name>
      <code>BE CREATIVE 2019</code>
      <releaseDate>2019-02-
27T19:10:03+0100</releaseDate>
    </collection>
  </collections>
</collections>
```



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```
<packageDatas>
  <packageData>
    <code>master carton</code>
    <quantity>50</quantity>
    <length>46</length>
    <width>37.5</width>
    <height>43</height>
    <cubage>0.07418</cubage>
    <weight>12</weight>
    <grossWeight>13</grossWeight>
  </packageData>
</packageDatas>
<specification>
  <property>
    <type>Material 1</type>
    <name>Matériel 1</name>
    <values>
      <value>Plastic</value>
    </values>
  </property>
  <property>
    <type>Material 1</type>
    <name>Matériel 2</name>
    <values>
      <value>Silicone</value>
    </values>
  </property>
  <property>
    <type>Size</type>
    <name>Taille</name>
    <values>
      <value>ø85×155 mm</value>
    </values>
  </property>
  <property>
    <type>Capacity</type>
    <name>Capacité</name>
    <values>
      <value>400 ml</value>
    </values>
  </property>
</specification>
<categories>
  <category>
    <name>Travel and Thermo mugs</name>
    <level>3</level>
    <externalId>14063</externalId>
```



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```
</category>
<category>
  <name>Flasks and thermo mugs</name>
  <level>2</level>
  <externalId>14060</externalId>
</category>
<category>
  <name>Food & Drinkware</name>
  <level>1</level>
  <externalId>14000</externalId>
</category>
</categories>
<allCategories>
  <category>
    <name>Travel and Thermo mugs</name>
    <externalId>14063</externalId>
    <primary>1</primary>
  </category>
</allCategories>
<relatedProducts>
  <relatedProduct>AP718330-01</relatedProduct>
</relatedProducts>
</product>
```



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Product price feed

In the prices XML and CSV feed you can find the catalogue price and the distributor purchasing prices that contain the discount you get.

The product xml feed can be accessed on the following link:

https://xml.andapresent.com/export/prices/unique_xml_ID

The product csv feed can be accessed on the following link:

https://xml.andapresent.com/export/prices-csv/unique_csv_ID

The prices file contains only the available products and the prices of them. The products with custom prices are not in the feed.

The product price xml's currency is matching your webshop account currency.

Update frequency

Once a week, Saturday 9:00 AM

Information in the feed

Item number	<itemNumber>	(string)
Currency	<currency>	(string)
Price	<amount>	(integer)
Type of price	<type>	(string)

Most data contain text or number. Below you find the special cases:

- Currency: 3 digit price code
- Type:
 - o listPrice (catalogue price)
 - o discountPrice (distributor purchasing price)

Example

```
<prices>
  <price>
    <itemNumber>AP810803-10_XS</itemNumber>
    <currency>EUR</currency>
    <amount>6.25</amount>
    <type>listPrice</type>
  </price>
  <price>
    <itemNumber>AP810803-10_XS</itemNumber>
    <currency>EUR</currency>
```



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```
<amount>2.5</amount>
<type>discountPrice</type>
</price>
<price>
  <itemNumber>AP810103-74</itemNumber>
  <currency>EUR</currency>
  <amount>11.11</amount>
  <type>listPrice</type>
</price>
  <price><itemNumber>AP810103-74</itemNumber>
  <currency>EUR</currency>
  <amount>6.666</amount>
  <type>discountPrice</type>
</price>
</prices>
```



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Inventory feed

In the inventory XML feed you can find the actual stock information of the product. The stock xml feed can be accessed on the following link:

https://xml.andapresent.com/export/inventories/unique_xml_ID

The inventories xml contains only the available products and the stock information of them.

Update frequency

Every 30 minute, so you always get the most updated stock information.

Information in the feed

Item number of product	<itemNumber>	(string)
Type of inventory	<type>	(string)
Stock value of defined inventory type	<amount>	(integer)
More stock than the specified value	<moreThanAmount>	(boolean/string)
Estimated arriving time in central warehouse	<arrivalDate>	(string – Y_M_D)

Special values:

- type:
 - o central_stock: immediately available
 - o incoming_to_central_stock: available within 1-2 days
 - o external_stock: available within 6-8 days
 - o incoming_to_external_stock: incoming to our external warehouse
- moreThanAmount:
 - o 0 – the incoming stock is equal with the value
 - o 1 – the incoming stock is more than the value

Example

```
<inventories>
  <record>
    <itemNumber>AP892006</itemNumber>
    <type>central_stock</type>
    <amount>0</amount>
    <moreThanAmount>0</moreThanAmount>
    <arrivalDate/>
  </record>
  <record>
    <itemNumber>AP811401</itemNumber>
    <type>incoming_to_central_stock</type>
    <amount>74750</amount>
    <moreThanAmount>0</moreThanAmount>
```



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```
<arrivalDate>2019-12-09</arrivalDate>
</record>
<record>
  <itemNumber>AP741878</itemNumber>
  <type>incoming_to_central_stock</type>
  <amount>20000</amount>
  <moreThanAmount>0</moreThanAmount>
  <arrivalDate>2020-01-10</arrivalDate>
</record>
<record>
  <itemNumber>AP741878</itemNumber>
  <type>incoming_to_central_stock</type>
  <amount>10000</amount>
  <moreThanAmount>0</moreThanAmount>
  <arrivalDate>2019-10-21</arrivalDate>
</record>
<record>
  <itemNumber>AP741878</itemNumber>
  <type>external_stock</type>
  <amount>233928</amount>
  <moreThanAmount>0</moreThanAmount>
  <arrivalDate/>
</record>
<record>
  <itemNumber>AP741878</itemNumber>
  <type>central_stock</type>
  <amount>12149</amount>
  <moreThanAmount>0</moreThanAmount>
  <arrivalDate/>
</record>
</inventories>
```




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Labeling feed

The printing info XML feed available on languages regarding the web portal where you have web account. The labeling xml feed can be accessed on the following link:

https://xml.andapresent.com/export/labeling/language_code/unique_xml_ID

The printing info xml contains only the available technologies, positions and the detailed information about them.

Update frequency

Twice a week, on the following days of the month: 3rd, 8th, 13th, 18th, 23rd, 28th (6:00 PM)

Information in the feed

Item number	<itemNumber>	(string)
Print template pdf is available	<printTemplate>	(string)
Available printing positions of the product	<positions>	(string)
Detailed information of position	<position>	(string)
The code of position	<serial>	(string)
Name of position	<posName>	(string)
Image of position if available	<posImage>	(string)
Available technologies of the position	<technologies>	(string)
Detailed information of the technology	<technology>	(string)
The code of technology	<Code>	(string)
The name of technology	<Name>	(string)
Maximum color of technology	<maxColor>	(integer)
Maximum width of technology in mm	<maxWmm>	(integer)
Maximum height of technology in mm	<maxHmm>	(integer)
Maximum diameter of technology in mm	<maxDmm>	(integer)
The technology is fixed sized.	<fixedSize>	(boolean/int.)

Most data contain text or number. Below you find the special cases:

- printTemplate: link of pdf file if available, empty if not
- posImage: link image file if available, empty if not
- maxColor
 - o fullcolor
 - o 1-10
- Printing size is determined with max width by max height or with diameter
- fixedSize:
 - o 1: the technology is fixed sized
 - o 0: the technology is not fixed sized



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Example

```
<labelings>
  <labeling>
    <itemNumber>AP6155-06</itemNumber>
    <printTemplate/>
    <positions>
      <position>
        <serial>I</serial>
        <posName>Below clip - right handed</posName>
        <posImage>https://xml.andapresent.com/images/0x0/auto/ap6155-06-ipreview_j9na9is0.jpg?v=4</posImage>
        <technologies>
          <technology>
            <Code>P0</Code>
            <Name>Pad printing</Name>
            <maxColor>4</maxColor>
            <maxWmm>50</maxWmm>
            <maxHmm>7</maxHmm>
            <maxDmm/>
            <fixedSize>0</fixedSize>
          </technology>
          <technology>
            <Code>UV</Code>
            <Name>UV LED printing</Name>
            <maxColor>Full Color</maxColor>
            <maxWmm>50</maxWmm>
            <maxHmm>7</maxHmm>
            <maxDmm/>
            <fixedSize>0</fixedSize>
          </technology>
        </technologies>
      </position>
      <position>
        <serial>II</serial>
        <posName>Below clip - left handed</posName>
        <posImage>https://xml.andapresent.com/images/0x0/auto/ap6155-06-iipreview_yr1tagft.jpg?v=4</posImage>
        <technologies>
          <technology>
            <Code>P0</Code>
            <Name>Pad printing</Name>
            <maxColor>4</maxColor>
            <maxWmm>50</maxWmm>
            <maxHmm>7</maxHmm>
            <maxDmm/>
            <fixedSize>0</fixedSize>
          </technology>
        </technologies>
      </position>
    </positions>
  </labeling>
</labelings>
```



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```
</technology>
<technology>
  <Code>UV</Code>
  <Name>UV LED printing</Name>
  <maxColor>Full Color</maxColor>
  <maxWmm>50</maxWmm>
  <maxHmm>7</maxHmm>
  <maxDmm/>
  <fixedSize>0</fixedSize>
</technology>
</technologies>
</position>
</positions>
</labeling>
<labeling>
  <itemNumber>AP718219</itemNumber>
  <printTemplate>https://admin.andapresent.com/product_attachments/
  AP718219/attachment/printTemplate</printTemplate>
  <positions>
    <position>
      <serial>I</serial>
      <posName>Paper insert</posName>
      <posImage/>
      <technologies>
        <technology>
          <Code>FP-DG</Code>
          <Name>Digital printing - Free printing</Name>
          <maxColor>Full Color</maxColor>
          <maxWmm/>
          <maxHmm/>
          <maxDmm>58</maxDmm>
          <fixedSize>0</fixedSize>
        </technology>
      </technologies>
    </position>
  </positions>
</labeling>
</labelings>
```



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Unique product prices feed

The unique product prices feed contains the price info for the products where the price includes the printing price too. The xml feed can be accessed on the following link:

https://xml.andapresent.com/export/uniqueproductprices/unique_xml_ID

The unique product prices xml contains only the setup costs and the printing prices by ranges.

Update frequency

Once a day, 6:00 PM

Information in the feed

Currency	<currency>	(string)
Price	<amount>	(integer)
Item number	<itemNumber>	(string)
Ranges	<ranges>	
Quantity from	<QuantityFrom>	(integer)
Quantity to	<QuantityTo>	(integer)
Unit price	<UnitPrice>	(integer)
Setup cost	<SetupCost>	(integer)

Example

```
<prices>
  <price>
    <itemNumber>AP718525</itemNumber>
    <ranges>
      <range>
        <QuantityFrom>100</QuantityFrom>
        <QuantityTo>249</QuantityTo>
        <UnitPrice>1.33</UnitPrice>
        <SetupCost>17</SetupCost>
      </range>
      <range>
        <QuantityFrom>250</QuantityFrom>
        <QuantityTo>499</QuantityTo>
        <UnitPrice>1.28</UnitPrice>
        <SetupCost>17</SetupCost>
      </range>
      ...
    </ranges>
  </price>
```



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Category feed

In the category XML feed you can find the actual category information that we use for the product categorization. The category xml feed can be accessed on the following link:

https://xml.andapresent.com/export/categories/language_code/unique_xml_ID

The categories xml available on languages regarding the web portal where you have web account.

Update frequency

Twice a day, 7:10 and 21:10

Information in the feed

Category information	<category>	(string)
ID number of the category for products	<externalId>	(integer)
Name of the category	<name>	(string)
Define the tree setup of the categories	<children>	(string)

Example

```
<categories>
  <category>
    <externalId>1000</externalId>
    <name>Writing</name>
    <children>
      <category>
        <externalId>1010</externalId>
        <name>Pens</name>
        <children>
          <category>
            <externalId>1011</externalId>
            <name>Plastic pens</name>
            <children/>
          </category>
          <category>
            <externalId>1012</externalId>
            <name>Metal & Aluminium pens</name>
            <children/>
          </category>
          <category>
            <externalId>1013</externalId>
            <name>Ecological pens</name>
          </category>
        </children>
      </category>
    </children>
  </category>
</categories>
```



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```

        <children/>
    </category>
    <category>
        <externalId>1014</externalId>
        <name>Wooden & Bamboo pens</name>
        <children/>
    </category>
    <category>
        <externalId>1015</externalId>
        <name>Multicolour pens</name>
        <children/>
    </category>
</children>
</category>
<category>
    <externalId>1020</externalId>
    <name>Touch screen pens</name>
    <children/>
</category>
<category>
    <externalId>1030</externalId>
    <name>Pen sets</name>
    <children/>
</category>
<category>
    <externalId>1040</externalId>
    <name>Pencils</name>
    <children>
        <category>
            <externalId>1041</externalId>
            <name>Lead pencils</name>
            <children/>
        </category>
        <category>
            <externalId>1042</externalId>
            <name>Mechanical pencils</name>
            <children/>
        </category>
        <category>
            <externalId>1043</externalId>
            <name>Coloured pencils</name>
            <children/>
        </category>
    </children>
</category>
<category>
    <externalId>1050</externalId>

```



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```

        <name>Highlighters</name>
        <children/>
    </category>
    <category>
        <externalId>1060</externalId>
        <name>Erasers & sharpeners</name>
        <children/>
    </category>
    <category>
        <externalId>1070</externalId>
        <name>Pen cases</name>
        <children/>
    </category>
</children>
</category>
</categories>
```



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Printing time information feed

The printing time CSV feed contains the actual information about the process time of our printing technologies. The printing time csv feed can be accessed at the following link:

https://xml.andapresent.com/export/printin_time_info/language_code/unique_csv_ID

Update frequency

Every 10 min (X:00, X:10, X:20, X:30, X:40, X:50)

Information in the feed

Printing technology	Up to 250 pcs	Up to 500 pcs	Up to 750 pcs	Up to 1 000 pcs	Up to 1 250 pcs
Pad printing (P) With 1 colour	1 days	1 days	2 days	3 days	3 days
Pad printing (P) Up to 2 colours	1 days	2 days	3 days	4 days	5 days
Pad printing (P) With 3 or more colours	2 days	3 days	4 days	4 days	5 days
Screen printing (S) Up to 2 colours	1 days	1 days	2 days	2 days	2 days
Screen printing (S) With 3 or more colours	2 days	2 days	3 days	3 days	3 days
Rotary screen printing (RS) Up to 2 colours	2 days	2 days	3 days	3 days	4 days
Transfer printing (T) Up to 2 colours	1 days	2 days	2 days	2 days	3 days
Transfer printing (T) With 3 or more colours	1 days	2 days	2 days	2 days	3 days
Digital transfer printing (DT)	1 days	2 days	2 days	3 days	3 days



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Free printing technologies in the feed:

Our **Free printing** products' selling prices are including imprint costs, such products are associated with FP-** technology codes. Accordingly these technology codes have 0 unit price in our printing price feed, since we only charge setup cost upon ordering these items.

For **UV printing** we generated the range as you can see below:

- UVA1:
 - o From: 0.01
 - o To: 5
- UVA2
 - o From: 5.01
 - o To: 10
-
- UVA+
 - o From: 50.01

So the starting value is the previous range top+0,01 and at the first range the starting value is 0,01.

At the **VS technology** we use a special calculation that use the price of the range and the sticker application. Under VS there are two subtechnologies:

- VS1
- VS+

At **BR technology** we do a unique calculation every time so that's why it is empty.

Example

```
<priceList>
  <currency>EUR</currency>
  <prices>
    <price>
      <TechnologyCode>RE2</TechnologyCode>
      <TechnologyName>Rainbow Engraving</TechnologyName>
      <UnitPriceType>price / pc</UnitPriceType>
      <ranges>
        <range>
          <NumberOfColours>6</NumberOfColours>
          <QuantityFrom>1</QuantityFrom>
          <QuantityTo>49</QuantityTo>
          <UnitPrice>1.04</UnitPrice>
          <SetupCost>15</SetupCost>
        </range>
        <range>
          <NumberOfColours>6</NumberOfColours>
```



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```
<QuantityFrom>50</QuantityFrom>
<QuantityTo>99</QuantityTo>
<UnitPrice>0.64</UnitPrice>
<SetupCost>15</SetupCost>
</range>
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>100</QuantityFrom>
  <QuantityTo>249</QuantityTo>
  <UnitPrice>0.58</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>250</QuantityFrom>
  <QuantityTo>499</QuantityTo>
  <UnitPrice>0.52</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>500</QuantityFrom>
  <QuantityTo>999</QuantityTo>
  <UnitPrice>0.5</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>1000</QuantityFrom>
  <QuantityTo>2499</QuantityTo>
  <UnitPrice>0.48</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>2500</QuantityFrom>
  <QuantityTo>4999</QuantityTo>
  <UnitPrice>0.47</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>5000</QuantityFrom>
  <QuantityTo>9999</QuantityTo>
  <UnitPrice>0.47</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
```



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```
<range>
  <NumberOfColours>6</NumberOfColours>
  <QuantityFrom>10000</QuantityFrom>
  <QuantityTo/>
  <UnitPrice>0.47</UnitPrice>
  <SetupCost>15</SetupCost>
</range>
</ranges>
</price>
</prices>
</priceList>
```



The cost of printing should be calculated according to technologies and within them in ranges, depending on the quantity / color number / print size.

- Digital transfer printing (DTA/DTB/DTC/DTD codes)
- Transfer printing (TA/TB/TC/TD codes)
- UV printing (UVA/UVB/UVC/UVD codes)
- Rotary UV printing (RUV code)
- Inkjet overprinting (OP)

For example the product has DTB printing code. If the requested print size is within 50cm², then DTB1 price needs to be applied, over 50cm² but not more than 150 cm² DTB2 price applies.

In case of printing price calculation the base is the labeling feed where you get the following info about the product:

- position
- available technology
- max printing size (width/height)

▼ labeling	Element	(3 Items)
▼ itemNumber	Element	"AP809363-01"
#text	Text	AP809363-01
printTemplate	Element	
▼ positions	Element	(4 Items)
▼ position	Element	(4 Items)
> serial	Element	"I"
> posName	Element	"Barrel - right handed"
> posImage	Element	"https://xml.andapresent.o
▼ technologies	Element	(3 Items)
> technology	Element	(7 Items)
> technology	Element	(7 Items)
▼ technology	Element	(7 Items)
> Code	Element	"UVA"
> Name	Element	"UV LED printing"
> maxColor	Element	"Full Color"
> maxWmm	Element	"60"
> maxHmm	Element	"6"
maxDmm	Element	
> fixedSize	Element	"0"



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With the size of the max printing it is possible to calculate the maximum are of the printing (60 mm x 6 mm = 3,6 cm²).

In the printing price feed you can search for the UVA technology where the price and the CODE is defined by size:

▼ price	Element	(4 Items)
▼ TechnologyCode	Element	"UVA1"
#text	Text	UVA1
> TechnologyName	Element	"UV LED printing"
> UnitPriceType	Element	"price / pc"
▼ ranges	Element	(11 Items)
▼ range	Element	(7 Items)
> NumberOfColour	Element	"fullcolour"
> QuantityFrom	Element	"1"
> QuantityTo	Element	"9"
> SizeFrom	Element	"0.01"
> SizeTo	Element	"5"
> UnitPrice	Element	"0.36"
> SetupCost	Element	"29"
> range	Element	(7 Items)

The size defines that you have to use UVA1 code.

The UVA2 code is for bigger printing size:

▼ price	Element	(4 Items)
▼ TechnologyCode	Element	"UVA2"
#text	Text	UVA2
> TechnologyName	Element	"UV LED printing"
▼ UnitPriceType	Element	"price / pc"
#text	Text	price / pc
▼ ranges	Element	(11 Items)
▼ range	Element	(7 Items)
> NumberOfColour	Element	"fullcolour"
> QuantityFrom	Element	"1"
> QuantityTo	Element	"9"
> SizeFrom	Element	"5.01"
> SizeTo	Element	"10"
> UnitPrice	Element	"0.4"
> SetupCost	Element	"29"
> range	Element	(7 Items)



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Basic information about logo procedures

- Types of pricing
 - o Quantity based (Price/pc)
 - o Area based (Price/cm²)
- Above that the price depend on
 - o Quantity (ranges)
 - o Number of colours
- For colors we use
 - o Fullcolour
 - o 0-10
- Setup cost
 - o There is a charge for each logo, color number dependent cost, but not for full-color technologies.

Information according to the printing technologies

Pad printing (P0, P1, P2)

- Quantity based, colour number dependent pricing

Transfer printing (T0, T1, T2)

- Quantity based, colour number dependent pricing

Screen printing (S0, S1, S2)

- Quantity based, colour number dependent pricing

Ceramic printing (C1, C2, C3)

- Quantity based, colour number dependent pricing

Cylindrical screen printing (RS)

- Quantity based, colour number dependent pricing

Engraving (E0, E1, E2, E3)

- Quantity based pricing

Rainbow engraving (RE1, RE2)

- Quantity based pricing

UV-LED technology (UVA-D 1-5-+,)

- Quantity and area based pricing
- As a first step, the area of the printed logo (circle or rectangle) must be determined and multiplied by the price corresponding to the size of the area obtained (cm²).
- The size of the area determines the price group (UV1-5) and within that the price by number of quantities must be applied
- Above a certain size, the UV + price group can only be used, in which case the unit price is given per cm², no pricing by quantity
- To be easy to use the xml feed we've created area ranges in the xml feed, and these ranges come with a price per piece, calculated from the top size:



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- UVA1:
 - From: 0.01
 - To: 5
- UVA2
 - From: 5.01
 - To: 10
-
- UVA+
 - From: 50.01

Doming (DO1, DO2, DO3, DO4, DO5)

- Quantity based pricing
- The pricing of the technology is based on quantity. However, our products with epoxy sticker are always classified in the DO* printing price group corresponding to the size of the sticker

Sublimation (SU1, SU2, SU3)

- Quantity based pricing
- The pricing of the technology is based on quantity. However, our products with sublimation printing are always classified in the SU* printing price group according to the applicable print size.

Digital printing (DG1, DG2, DG3)

- Quantity based pricing

Digital transfer (DTA-T 1-5)

- Quantity and area based pricing
- As a first step, the area of the printed logo (circle or rectangle) must be determined and multiplied by the price corresponding to the size of the area obtained (cm²).
- The size of the area determines the price group (DT1-5) and within that the price by number of quantity must be applied

Vinyl sticker (VS1, VS+)

- Quantity and area based pricing
- As a first step, the area of the printed logo (circle or rectangle) must be determined and multiplied by the price corresponding to the size of the area obtained (cm²).
- The size of the area determines the price group (VS1, VS+) and within that the price by number of quantity must be applied
- Above a certain size, the VS+ price group can only be used, in which case the unit price is given per cm², no pricing by quantity
- VS1 is fixed quantity price for stickers under 20cm², the VS+ is area based pricing for sticker over 20cm²
- There is a separate price per piece for gluing

Vision film printing (VF)

- Quantity based pricing



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White printing (WPC1-3)

- Quantity based pricing

Embossing (O1)

- Quantity based pricing

Embroidery (BR)

- An individual calculation is required in each case, so there is no price loaded into the system for this

Hat band sewing (HS)

- Accessory, quantity based pricing
- Connected technologies (DT, SU)

Free printing technology (FP-XX)

- in case of products with FP-xx technology, where the product has a price that contains the price of printing cost. Above this only the printing fee indicated for FP-XX technology has to pay

My feeds were activated, but the link cannot be accessed.

Once your feeds are activated it takes time still the file is generated, and all the feed have to be available in 24h. It is necessary to set up your IP on a whitelist, so a static IP address is also a need.

Why are some value in the XML different than on the portal page?

It is possible that we made some changes and your feed is still not updated. It is also important to schedule your update services to our updated frequency.

The XML file downloading is slow.

Some of the xml files are a too large file so be aware of the file size when you setup your system and services. Take note of the estimated file size on Page 2.

My webshop doesn't recognize the fields in the XML feed

Your shop might use different names for the fields than the xml feeds. The modern e-commerce motors have an option to 'map' the field names from the feed to the internal field names. In this case please contact with the customer support of the e-commerce site

Can I convert a XML to a CSV or XLS file?

Yes, you can in Excel after opening the xml file and use Save as... function.

Why should I use XML file instead of an Excel file?

An excel file that generated from our xml feeds are static file; once it has been created the content is freezed. If we add or change product(prices) the excel becomes outdated.

XML feed files are linked to live feed; if we add or change any information it will be visible in the XML regarding the updating frequency.

Contact Us

In case of any question or problem please feel free to contact your sales representative.



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Appendix

Colour codes

Colour code	Colour name	Colour hex code
00	beige	#dfd9c9
01	white	#fff
01T	transparent	#fff
02	yellow	#f0e44d
02F	fluorescent yellow	#e8e95e
02V	light yellow	#fceb9d
03	orange	#f09b1f
03A	old light orange	#cf6e4a
03F	fluorescent orange	#f68a52
03V	light orange	#ffd27f
04	rose	#ef96bf
04V	light rose	#f9cfe1
05	red	#e93a4c
05A	dark red	#a91e23
05V	light red	#de6755
06	blue	#366aa8
06A	dark blue	#1b2e59
06V	light blue	#aecae1
07	green	#438c4a
07A	dark green	#284e2b
07F	fluorescent green	#53c83e
07V	mint green	#b8db9a
08	claret	#a12f38
08A	old claret	#af4157
09	brown	#5d4033
10	black	#231f20
12	peach	#f6b092
13	purple 13	#6c4086
13A	dark purple	#3b2640
13V	light purple	#847598
20	safety yellow	#e7e85b
21	silver	#c7c7c7
22	gold yellow	#fdb229
22A	dark gold yellow	#c79653
22V	light gold yellow	#fbd074
23	natural	#f4e9cc
24	butter yellow	#f7e1b7



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25	pink	#ef5993
25A	dark pink	#e01969
25F	fluorescent pink	#ff56a2
25N	bright pink	#ef4e94
25V	old pink	#d15c8e
26	light purple	#7d7dad
27	purple	#8d429f
27A	dark purple	#4d3863
28	eggplant	#501e59
30	mandarine	#f79225
30A	medium orange	#f68a52
30V	old orange	#cf6e4a
31	safety orange	#f79225
61	old royal blue	#546da2
62	old dark blue	#4b4865
63	turquoise	#1680bc
63A	old turquoise	#166c92
63V	light turquoise	#1698c8
64	sky blue	#91b4df
64A	dark sky blue	#1582be
65	medium blue	#83a6d5
65A	midnight blue	#23383e
66	indigo blue	#4b6478
66A	cobalt	#323393
71	lime green	#9dce68
71N	bright lime green	#97e444
72	kelly green	#12a24c
72A	old kelly green	#25b07b
73	kiwi green	#93b03d
74	apple green	#25b354
74A	old apple green	#15af56
77	ash grey	#cbcbcb
77V	medium ash grey	#828589
78	medium grey	#a3a2a2
79	dark ash grey	#535b60
80	dark grey	#464d52
81	grey	#8a8a8b
82	light grey	#dbdbdb
84	burgundy	#683137
84A	maroon	#4a2025
91	bronze	#ae916c
92	bronze brown	#91745d



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93	medium brown	#b39a76
94	dark brown	#3f301c
94A	russet	#583513
95	khaki	#54593c
95A	old khaki	#4f5e4f
96	olive	#5b5c49
98	gold	#bca558
99	pistachio	#cdd877
-	transparent dark grey	#464d52
-	transparent pink	#ef5993
-	transparent yellow	#f0e44d
-	transparent orange	#f09b1f
-	transparent red	#e93a4c
-	transparent blue	#366aa8
-	transparent green	#438c4a
-	transparent black	#231f20