



System Integration

Client info

-Version 1.6-
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Index	2
Introduction.....	3
Product XML.....	4
Stock XML	6
Price XML	7
Print data XML.....	8
Print price XML	9
Pictures	10
Q&A	11
Contact	12
Appendix A - Samples	133



Introduction

For whom is this service?

This service is for distributors who have an existing web shop/ERP system and the possibility to import external data in the form of XML. Integration system can save a lot of manual work, because distributors don't have to log-in to our portal to check prices.

Our system integration not only enables distributors to import product data, we are also able to receive orders placed on the webshops of our distributors. We call this **Webservice**.

For instructions on how to implement this in your own shop, we refer to the documentation of your local e-commerce solution or the extension you are using for this purpose. You always need a program to 'read' the XML files. For Magento you could check:

[http://www.magentocommerce.com/wiki/3 -
store_setup_and_management/import_export/export_tool](http://www.magentocommerce.com/wiki/3_-_store_setup_and_management/import_export/export_tool)

XML Overview

Name	Information	Update frequency
Stock XML	XML feed with stock information	Twice a day
Product XML	XML feed with product information	Once a day
Price XML	XML feed with price information	Once a week
Print XML	XML feed with all print options	Once a week
Decoration XML	XML feed with prices of our decoration	Once a week
Images	Base URL to all the store images	Once a week

Key features of our XML's

- The product XML contains all our product details in all our 14 Portal languages, including recommended print method and position. It will be updated daily, so new products can be imported per direct.
- The Stock XML is updated two times a day. So you can show in your shop always up to date stock levels. It also contains future (PO) stock.
- The price XML is based on customer specific (unique) net buying price.
- The print XML contains all the decoration option of our products.
- The decoration XML contains all prices of our decoration options, so your system can calculate the costs of decorating.



Product XML

Description

The product XML is available per language. To get the products in your own language, please use the following link: <http://www.pfconcept.com/portal/datafeed/...> and add the language extension (on the next page) of your country behind it. For this XML there is no activation required.

This product XML is based on the product details that are available in our portal. We also show per item our default decoration method, including maximum print size and position per product. Products that are discontinued are labeled as "clearance". An overview of all the decoration methods per product can be found in the Price XML.

Example of XML

http://www.pfconcept.com/portal/datafeed/productfeed_en_v2.xml represents the product feed for the UK.

Update frequency

Daily at 01:45

Information in the feed

• Model Number	- <Model>
• Item Code	- <ItemCode>
• Item Description (short)	- <ItemDesc>
• Item Description (long)	- <ExtDesc>
• Item Keywords	- <ItemKeywords>
• Size	- <Size>
• Array of all Sizes	- <SizeGrid>
• Gender	- <Gender>
• Weight	- <WeightGR>
• Length	- <LengthCM>
• Height	- <HeightCM>
• Width	- <WidthCM>
• Diameter	- <DiameterCM>
• Size Combined	- <SizeCombined>
• Quantity per Carton	- <QtyperCarton>
• Deco Packaging Individual	- <DecoPackagingIndiv>
• Deco Packaging Individual Type	- <DecoPackagingIndivType>
• Deco Packaging	- <DecoPackaging>
• Gross Weight	- <GrossWeightKG>
• Net Weight	- <NettWeightKG>
• Export Length	- <ExportLcm>
• Export Weight	- <ExportWcm>
• Export Height	- <ExportHcm>
• Country of Origin	- <CountryOfOrigin>
• Statistic Code	- <HSCode>
• All Print Methods	- <ImpAllMethods>
• Print Method Description	- <ImpMethodDefault>
• All Print Positions	- <ImpAllPositions>
• Default Print Positions	- <ImpPositionDefault>
• Default Print Positions Simplified	- <ImpPositionSimpleDefault>
• Print Width	- <ImpWidthDefaultMM>
• Print Height	- <ImpHeightDefaultMM>
• Print Diameter	- <ImpDiameterDefaultMM>
• Default Imprint Size	- <ImpSizeDefaultMM>
• Max Colors	- <MaxColoursDefault>
• Brand	- <Brand>
• Category Group Code	- <XNGroupCode>
• Category Group Description	- <XNGroupDesc>
• Category Code	- <XNCatnCode>
• Category Description	- <XNCatDesc>



- Color Description
 - Simple Color
 - PMS Color Reference
 - Search Color
 - Pen Ink Color
 - Material
 - Battery Type
 - Features
 - Best Seller
 - Trend Item
 - Thematic Item
 - Compliances
 - Image Main
 - Image Decorated 1
 - Image Decorated 2
 - Image Decorated 3
 - Image Packaging
 - Image Front
 - Image Back
 - Image Extra 1
 - Image Extra 2
 - Image Extra 3
 - Image Detail 1
 - Image Detail 2
 - Image Detail 3
 - Image Default Print Area
 - Mark Segment
 - Main Catalogue
 - EOY Catalogue
 - New Items
 - Language
- <ColorDesc>
 - <SimpleColor>
 - <PMSColorReference>
 - <BasicColor>
 - <PenInkColor>
 - <Material>
 - <BatteryType>
 - <Features>
 - <BestSeller>
 - <TrendItem>
 - <ThematicItem>
 - <Compliances>
 - <ImageMain>
 - <ImageDecoY1>
 - <ImageDecoY2>
 - <ImageDecoY3>
 - <ImagePackage>
 - <ImageFront>
 - <ImageBack>
 - <ImageExtra1>
 - <ImageExtra2>
 - <ImageExtra3>
 - <ImageDetail1>
 - <ImageDetail2>
 - <ImageDetail3>
 - <ImagePrintLinesDefault>
 - <MarkSegment>
 - <MainCat>
 - <EOYCat>
 - <NewItems>
 - <Language>

Overview of all product XML's

Country	Included languages	File name
Czech Republic	CZ	productfeed_cz_v2.xml
Denmark	DK	productfeed_dk_v2.xml
Finland	FI	productfeed_fi_v2.xml
France / Belgium	FR	productfeed_fr_v2.xml
Germany / Austria	DE	productfeed_de_v2.xml
Italy	IT	productfeed_it_v2.xml
Netherlands / Belgium	NL	productfeed_nl_v2.xml
Norway	NO	productfeed_no_v2.xml
Poland	PL	productfeed_pl_v2.xml
Portugal	PT	productfeed_pt_v2.xml
Russia	RU	productfeed_ru_v2.xml
Spain	ES	productfeed_es_v2.xml
Sweden	SE	productfeed_se_v2.xml
United Kingdom	EN	productfeed_en_v2.xml



Stock XML

Description

In the stock XML distributors can see per item the PF Concept stock position. Distributors can also see the quantity of arriving stock. This XML needs to be activated. **Please contact your local customer service for the activation.**

Link

http://www.pfconcept.com/portal/datafeed/stockfeed_<unique_code>_v2.xml (the last number will be your unique code that is generated after activation).

Update frequency

Twice a day at 01:30 and 12:30

Information in the feed

- | | |
|----------------------------------|-------------------------------|
| • Item Code | - <item itemcode> |
| • Quantity Currently in Stock | - <item stockinfo_direct> |
| • Quantity next Purchase Order | - <item stockinfo_nextpo> |
| • Date the Stock is Checked | - <item stockinfo_datenextpo> |
| • Total Quantity Incoming Stock* | - <item stockinfo_future> |

*The total quantity of incoming stock (stockinfo_future) is including the quantity of the next PO (stockinfo_nextpo).



Price XML

Description

In the price XML distributors can find (next to the industry prices) their net buying price per item. This XML is unique per distributor and needs therefore to be activated. **Please contact your local customer service for the activation.**

Since PF concept works with tier prices distributors will find 4 prices. The numbers you can find in the 'priceBars' are the starting quantity of a column. If for example PriceBar 2 is '100' and PriceBar 3 is '250', the price of the second column is applicable for quantities from 100 to 249.

PriceBar1 always starts with 1 (piece). If distributors place an order less the number that you can find in 'MinDecoQTY' PF will charge however an additional charge. Therefore you can read this quantity as the starting quantity of column 1.

In this file you can also find the decoration methods per product ('DecoCharge'). The prices and description of these products can be found in the Print XML.

Example of XML

http://www.pfconcept.com/portal/datafeed/pricefeed_<unique_code>_v2.xml (the last number will be your unique code that is generated after activation).

Update frequency

Once a week on Sunday

Information in the feed

- | | |
|-------------------------------|------------------|
| • Model | - <Model> |
| • Item Code | - <Itemcode> |
| • Description | - <Description> |
| • Currency | - <Currency> |
| • Clearance | - <Clearance> |
| • Decoration Methods | - <DecoCharge> |
| • Minimal Decoration Quantity | - <MinDecoQTY> |
| • Tier 1 Quantity | - <PriceBar1> |
| • Tier 2 Quantity | - <PriceBar2> |
| • Tier 3 Quantity | - <PriceBar3> |
| • Tier 4 Quantity | - <PriceBar4> |
| • Tier 1 Net Price | - <NettPriceQ1> |
| • Tier 2 Net Price | - <NettPriceQ2> |
| • Tier 3 Net Price | - <NettPriceQ3> |
| • Tier 4 Net Price | - <NettPriceQ4> |
| • Tier 1 Industry Price | - <IndustryCol1> |
| • Tier 2 Industry Price | - <IndustryCol2> |
| • Tier 3 Industry Price | - <IndustryCol3> |
| • Tier 4 Industry Price | - <IndustryCol4> |

Description

The print data XML is an overview of all possible printing techniques and positions per SKU/itemnumber. Every possible print option has a print code (e.g. PAD01). In the print price XML (see next page) you can find the prices per print code. Here you also find per print option the image name that indicates the print position. In the chapter images you can find a link to download the images. To get the data in your own language, please use the following link: <http://www.pfconcept.com/portal/datafeed/...> and add the language extension (as below) of your country behind it. There is a separate XML available for all Label items. For this XML there is no activation required.

Example of XML

http://www.pfconcept.com/portal/datafeed/printdata_cnl1_nl_v2.xml represents the Bullet and Avenue print feed for the Netherlands.

Update frequency

Once a week on Sunday

Overview of all print data XML's

Country	Included languages	Included worlds	File name
France / Belgium	FR	Bullet, Avenue	printdata_cfr1_fr_v2.xml
France / Belgium	FR	Label	printdata_cfr1_fr_label_v2.xml
Germany / Austria	DE	Bullet, Avenue	printdata_cde1_de_v2.xml
Germany / Austria	DE	Label	printdata_cde1_de_label_v2.xml
Netherlands / Belgium	NL	Bullet, Avenue	printdata_cnl1_nl_v2.xml
Netherlands / Belgium	NL	Label	printdata_cnl1_nl_label_v2.xml
United Kingdom	EN	Bullet, Avenue	printdata_cgb1_en_v2.xml
United Kingdom	EN	Label	printdata_cgb1_en_label_v2.xml

Information in the feed

- Item Code
 - Model
 - Imprint Method Code
 - Imprint Method
 - Print Code
 - Imprint Location Code
 - Imprint Location
 - Max Number of Colours
 - Max Imprint Width
 - Max Imprint Height
 - Max Imprint Diameter
 - Imprint Area Image
 - Default Print Option
- <Itemcode>
 - <Model>
 - <ImpMethodCode>
 - <ImpMethod>
 - <PrintCode>
 - <ImpLocationCode>
 - <ImpLocation>
 - <MaxColours>
 - <ImpWidthMM>
 - <ImpHeightMM>
 - <ImpDiameterMM>
 - <ImagePrintLine>
 - <Default>



Print price XML

Description

The print prices XML is an overview of the prices of all printing codes. Per printing technique distributors can see the prices (per quantity) of the different 'speeds' and colors. This XML is unique per distributor and needs therefore to be activated. **Please contact your local customer service for the activation.**

The print technique per item can be found both in the price XML and the print data XML. If in that file is stated that an item can be printed for example 'MR02', you can calculate with this file the costs. 'MR' is the code for screenprint, and '02' is the speed of how fast we can print an item. The lower the number the cheaper it is to print.

In the column 'NrOfColors' you can find the maximum number of colors that belong to a certain technique.

Example of XML

http://www.pfconcept.com/portal/datafeed/printpricefeed_<unique_code>_v2.xml (the last number will be your unique code that is generated after activation).

Update frequency

Once a week on Sunday

Information in the feed

- | | |
|-----------------------------------|---------------------|
| • Decoration Method Code | - <DecoCharge> |
| • Decoration Method Description | - <DecoChargeDesc> |
| • Setup Charge | - <SetupCharge> |
| • Logo Size | - <LogoSize> |
| • Max Possible Colors | - <NrOfColors> |
| • Decoration Price Tier 1-9 | - <DecoPrice-1> |
| • Decoration Price Tier 10-49 | - <DecoPrice-10> |
| • Decoration Price Tier 50-99 | - <DecoPrice-50> |
| • Decoration Price Tier 100-249 | - <DecoPrice-100> |
| • Decoration Price Tier 250-499 | - <DecoPrice-250> |
| • Decoration Price Tier 500-999 | - <DecoPrice-500> |
| • Decoration Price Tier 1000-2499 | - <DecoPrice-1000> |
| • Decoration Price Tier 2500-4999 | - <DecoPrice-2500> |
| • Decoration Price Tier 5000-9999 | - <DecoPrice-5000> |
| • Decoration Price Tier > 10000 | - <DecoPrice-10000> |

Filename

If distributors require images of the PF Concept products to publish on their own webshop, there are two solutions. First of all distributors can use the below zip files to download several sets:

- Main image set 250*250: <http://www.pfconcept.com/portal/datafeed/main-250x250.zip>
- Main image set 500*500: <http://www.pfconcept.com/portal/datafeed/main-500x500.zip>
- Main image high res: <http://www.pfconcept.com/portal/datafeed/main-highres.zip>
- All images (so also the image of the packing, an image with a branded item etc):
<http://www.pfconcept.com/portal/datafeed/all-500x500.zip>
- All images set 500*500 wearable / textile items:
<http://www.pfconcept.com/portal/datafeed/all-500x500-wear.zip>
- All images set 500*500 non-wear / hardgood items:
<http://www.pfconcept.com/portal/datafeed/all-500x500-nonwear.zip>
- Imprint area images 500*500 are available on request, please contact us for more information.

Secondly it is also possible to download individual images by adding the picture name (that is in de product info XML) behind this link: <http://www.pfconcept.com/portal/prodimage/hires/...> For example: <http://www.pfconcept.com/portal/prodimage/hires/10821301.jpg>

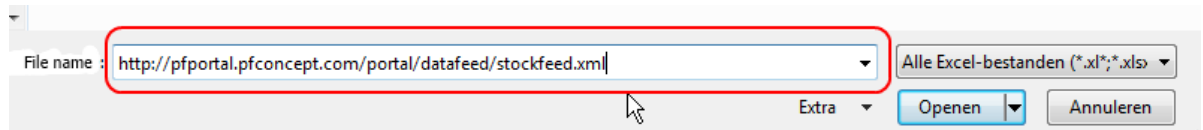
Update frequency

Once a week

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

Yes you can with Excel.

- Open Excel
- Click in 'File' and then on 'Open'
- Enter the XML link as filename
- Select 'Open'



- If prompted, select 'Open as XML-table'
- Select File / Save As
- Select any Excel format you wish (e.g. .xlsx)
- Save the new file

My web shop doesn't recognize the fields in the XML feed

Your shop might use other names for the fields than the feed. Many e-commerce solutions have an option to 'map' the field names from the feed to the internal field names of your e-commerce solution.

Check the 'Information in the feed' section for the concerning feed to see which information every field contains.

What kind of orders can PF Concept process?

- Currently PF Concept can process blank and pre-branded orders (based on repeat-orders) via this new web-service
- The web-service also allows an online stock check

What is the advantage of XML over an Excel file?

- An excel file (of our product details) extracted from PolyPack is a static file; once it has been created the content is frozen. If we add or change product(prices) the excel becomes outdated
- A XML file (of our product details) connected to Polypack means there is a live feed; if we add or change product(prices) it will be immediately visible in the XML



Contact

Contact Us

In case of questions or problems, contact your customer service for further details.

Appendix A - Samples

Sample Stock XML

```
<item itemcode="10000200" stockinfo_direct="11796" stockinfo_nextpo="0"
stockinfo_datenextpo="22/04/13" stockinfo_future="20337"/>
```

Sample Product XML

```
<productfeedRow>
  <Model>100174</Model>
  <ItemCode>10017400</ItemCode>
  <ItemDesc-EN>Bold sunglasses</ItemDesc-EN>
  <ItemDesc-NL>Slazenger zonnebril</ItemDesc-NL>
  <ExtDesc-EN>Bold sunglasses. Classic sunglasses with metal inlay. UV
400 protection. Packed in a soft pouch.</ExtDesc-EN>
  <ExtDesc-NL>Slazenger zonnebril. Zonnebril met metalen inlegsel. UV
400.</ExtDesc-NL>
  <ItemKeywords-EN>Sunglasses, Sports glasses, Eyewear, Fashion
Sunglasses, Sport sunglasses</ItemKeywords-EN>
  <ItemKeywords-NL>zonnebril</ItemKeywords-NL>
  <Size/>
  <SizeGrid/>
  <Weight>40 gram</Weight>
  <Length/>
  <Height/>
  <Width/>
  <Diameter/>
  <QtyperCarton>120</QtyperCarton>
  <GrossWeightKG>9</GrossWeightKG>
  <NettWeightKG>8,55</NettWeightKG>
  <ExportLcm>33</ExportLcm>
  <ExportWcm>51</ExportWcm>
  <ExportHcm>38</ExportHcm>
  <InnerPCS>0</InnerPCS>
  <ImpMethodCode>6</ImpMethodCode>
  <ImpMethodDesc-EN>Laser engraving</ImpMethodDesc-EN>
  <ImpMethodDesc-NL>Lasergraveren</ImpMethodDesc-NL>
  <ImpOrientationCode>1229</ImpOrientationCode>
  <ImpOrientation-EN>Glasses, lenses right</ImpOrientation-EN>
  <ImpOrientation-NL>Glasses, lenses right</ImpOrientation-NL>
  <ImpLocationCode>391</ImpLocationCode>
```



```
<ImpLocation-EN>Centered on silver part </ImpLocation-EN>
<ImpLocation-NL>Centered on silver part </ImpLocation-NL>
<ImpWidth>16</ImpWidth>
<ImpHeight>2</ImpHeight>
<ImpDiameter>0</ImpDiameter>
<MaxColours>1</MaxColours>
<Brand>Slazenger</Brand>
<XNGroupCode>5</XNGroupCode>
<XNGroupDesc-EN>Leisure & Sport</XNGroupDesc-EN>
<XNGroupDesc-NL>Vrije tijd</XNGroupDesc-NL>
<XNCatnCode>16</XNCatnCode>
<XNCatDesc-EN>Sunglasses</XNCatDesc-EN>
<XNCatDesc-NL>Zonnebrillen</XNCatDesc-NL>
<ColorCodes>black</ColorCodes>
<ColorDesc-EN>Black Solid</ColorDesc-EN>
<ColorDesc-NL>Zwart</ColorDesc-NL>
<SearchColors></SearchColors>
<HSCode>900410910040990000</HSCode>
<Material>Plastic (PC) sunglasses / Acrylic lenses / Nylon with mesh
pouch. </Material>
<Material-EN>Bold Sunglasses</Material-EN>
<Material-NL/>
<BatteryType>cell</BatteryType>
<BatteryType-EN>cell EN</BatteryType-EN>
<BatteryType-NL>cell NL</BatteryType-NL>
<Features>UV400, level 3 </Features>
<Features-EN>UV400, level 3 EN</Features-EN>
<Features-NL>UV400, level 3 NL</Features-NL>
<Compliances>APEO,AZO,Battery Directive</Compliances>
<Image>10017400_EX.jpg</Image>
<ImageMain>10017400.jpg</ImageMain>
<ImageDecorate/>
<ImagePackage/>
<ImageFront>10017400_F.jpg</ImageFront>
<ImageBack/>
<ImageExtra>10017400_E.jpg</ImageExtra>
<ImageDetail/>
<Clearance/>
<MarkSegment>Avenue</MarkSegment>
<MainCat>Y</MainCat>
<EOYCat>N</EOYCat>
```



</productfeedRow>

Sample Price XML

```
<PriceInfoRow>
  <Model>100002</Model>
  <Itemcode>10000200</Itemcode>
  <Description>Drinking bottle with carabiner</Description>
  <Currency>EUR</Currency>
  <Clearance/>
  <DecoCharge>GPE03 , PAD03</DecoCharge>
  <MinDecoQTY>50</MinDecoQTY>
  <PriceBar1>1</PriceBar1>
  <PriceBar2>100</PriceBar2>
  <PriceBar3>250</PriceBar3>
  <PriceBar4>1000</PriceBar4>
  <NettPriceQ1>3,48</NettPriceQ1>
  <NettPriceQ2>3,07</NettPriceQ2>
  <NettPriceQ3>2,83</NettPriceQ3>
  <NettPriceQ4>2,6</NettPriceQ4>
  <IndustryCol1>3,48</IndustryCol1>
  <IndustryCol2>3,07</IndustryCol2>
  <IndustryCol3>2,83</IndustryCol3>
  <IndustryCol4>2,6</IndustryCol4>
</PriceInfoRow>
```

Sample Print XML

```
<DecorationRow>
  <DecoCharge>DEB02</DecoCharge>
  <DecoChargeDesc>Blinddruk</DecoChargeDesc>
  <SetupCharge></SetupCharge>
  <NrOfColors>1</NrOfColors>
  <DecoPrice-1>3,19</DecoPrice-1>
  <DecoPrice-50>2,09</DecoPrice-50>
  <DecoPrice-100>1,37</DecoPrice-100>
  <DecoPrice-250>0,84</DecoPrice-250>
  <DecoPrice-500>0,62</DecoPrice-500>
  <DecoPrice-1000>0,60</DecoPrice-1000>
  <DecoPrice-2500>0,55</DecoPrice-2500>
  <DecoPrice-5000>0,53</DecoPrice-5000>
  <DecoPrice-10000>0,51</DecoPrice-10000>
</DecorationRow>
```