

affilinet GmbH

affilinet

# Product Webservice

Technical Documentation

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## Introduction

The ProductWebservices make it possible for the publishers to access the product data without logging in to the account on the affilinet website.

All parameters marked with '\*' in this documentation are obligatory fields and must be completed for each web service inquiry Boolean-type parameters must be stated as 'true' or 'false'.

Please note that for performance reasons, all our web services deliver results no bigger than 20 MB. If the XML serialized result is bigger than that, the web service will throw an exception.

## Getting Access

In order to get access to the web services please log in to your publisher account at <http://www.affili.net> – then go to “Account” > “Technical Settings” > “Webservices”. There you can activate web services for your account, and if you already have done so, you find your passwords there.

## Logon

### Parameters (demo data)

(demo data web services: <https://developer-api.affili.net/V2.0/Logon.svc>)

Parameter	Type	Description
<b>Username *</b>	String	Your affilinet® Developer ID, found under “My Account”
<b>Password *</b>	String	Your affilinet® developer portal password
<b>WebserviceType *</b>	WebserviceTypes	When using product webservices, always assign this as “Product”
<b>DevelopersSettings</b>	TokenDevelopDetails	Object TokenDevelopDetails
<b>ApplicationSettings</b>	TokenApplicationDetails	Object TokenApplicationDetails

### Developer Settings

Parameter	Type	Description
<b>SandboxPublisherID</b>	Integer	One of the publisher IDs from the demo DB

### Application Settings

Parameter	Type	Description
<b>ApplicationID</b>	String	Once you have submitted your application to affilinet, you will receive an application ID from us. Please update this field with that number
<b>DeveloperID</b>	String	Your developer ID

## Parameters (live data)

(live web services: <https://api.affili.net/V2.0/Logon.svc>)

Parameter	Type	Description
<b>Username *</b>	String	The affilinet® publisher ID
<b>Password *</b>	String	The affilinet® product webservice password
<b>WebserviceType *</b>	WebserviceTypes	When using product webservice, always assign this as "Product"
<b>DevelopersSettings</b>	TokenDevelopDetails	Object TokenDevelopDetails
<b>ApplicationSettings</b>	TokenApplicationDetails	Object TokenApplicationDetails

### Developer Settings

Parameter	Type	Description
<b>SandboxPublisherID</b>	Integer	One of the publisher Id's from the sandbox DB

### Application Settings

Parameter	Type	Description
<b>ApplicationID</b>	String	Once you have submitted your application to affilinet, you will receive an application ID from us. Please update this field with that number
<b>DeveloperID</b>	String	Your developer ID

## Return Types

### *Result*

Property	Type	Description
<b>CredentialToken</b>	String	A token which you need for all other web service requests

## GetCategoryList

This method can be used to get all categories of a certain shop.

### Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ShopId *</b>	Integer	ID of the shop, whose categories should be retrieved

### Return Types

#### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

#### CategoryResult

Property	Type	Description
<b>Categories</b>	Category	List of category details
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ProgramTitle</b>	String	Name of the advertiser
<b>Records</b>	Integer	Number of found categories

## Category

Property	Type	Description
<b>CategoryId</b>	Integer	ID of the category
<b>ParentCategoryId</b>	Integer	Parent category ID of this category
<b>CategoryPath</b>	String	Complete path in the tree to the category
<b>Products</b>	Integer	Number of products present in this category from this advertiser
<b>Title</b>	String	Name of the category

## GetCategoryPath

This method can be used to retrieve the path of a specific shop category: all categories up to the specified category are issued as an ordered list of category objects. This category list is included in the returned CategoryResultObject.

### Parameters

Property	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ShopId *</b>	Integer	ID of the shop whose category path shall be retrieved
<b>CategoryId *</b>	Integer	ID of the category whose path needs to be retrieved

### Return Types

#### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

## CategoryResult

Property	Type	Description
<b>Categories</b>	Category	List of category details
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ProgramTitle</b>	String	Name of the advertiser
<b>Records</b>	Integer	Number of found categories

## Category

Property	Type	Description
<b>CategoryId</b>	Integer	ID of the category
<b>ParentCategoryId</b>	Integer	Parent category ID of this category
<b>CategoryPath</b>	String	Complete path in the tree to the category
<b>Products</b>	Integer	Number of products present in this category from this advertiser
<b>Title</b>	String	Name of the category

## GetCategoryTree

This method can be used to retrieve the categories of an individual shop. The result depicts the hierarchical structure of the categories in the form of a CategoryTree object which contains the individual branches of the tree structure in a list of CategoryTreeNode objects. A CategoryTreeNode object represents one single category here. A CategoryTreeNode object also contains a list of objects of the same type so that it can depict further subcategories when required.

### Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ShopId *</b>	Integer	ID of the shop, whose categories should be retrieved

### Return Types

#### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

## CategoryTree

Property	Type	Description
<b>LogoUrl</b>	String	URL of the logo of the advertiser
<b>RootCategories</b>	CategoryTreeNode	A set of CategoryTreeNode objects
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>Title</b>	String	Name of the advertiser
<b>Records</b>	Integer	Total number of found categories

## CategoryTreeNode

Property	Type	Description
<b>CategoryId</b>	Integer	ID of the category
<b>SubCategories</b>	CategoryTreeNode	A set of CategoryTreeNode objects
<b>ParentCategoryId</b>	Integer	Parent category ID for this category
<b>Title</b>	String	Name of the category

## GetProductDetail

This method can be used to retrieve detailed information on a specific product. The data available within the context of this offer include the fields "Price" and "DisplayPrice". To display the price on the screen, use the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same applies to the Shipping Price.

### Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ProductId *</b>	Integer	ID of the product for which details are to be retrieved

### Return Types

#### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

#### ProductSearchResult

Property	Type	Description
<b>CurrentPage</b>	Integer	Page number of the listed result
<b>Records</b>	Integer	Number of records in current page
<b>Products</b>	Array of Product	List of found products
<b>TotalPages</b>	Integer	Number of pages depending on the page size in the request
<b>TotalRecords</b>	Integer	Total number of records returned

## Product

Property	Type	Description
<b>AffilinetCategoryId</b>	Integer	ID of the affilinet category to which this product is mapped
<b>ArticleNumber</b>	String	The article number which this product has in the shop's database
<b>Brand</b>	String	Name of the brand of the product
<b>CategoryPath</b>	String	Comprehensive category path to which the product belongs
<b>CurrencySymbol</b>	String	Currency of the price of the product (eg. EUR)
<b>DeepLink1</b>	String	URL with the default DeepLink
<b>DeepLink2</b>	String	URL with the special DeepLink directly leading to the product as provided by the advertiser
<b>Description</b>	String	Detail information on the product
<b>DescriptionShort</b>	String	Short detail information on the product
<b>DisplayPrice</b>	String	Price as ready to use string "Prefix + Price + Suffix" (eg. From EUR 25.95 excluding VAT)
<b>DisplayShipping</b>	String	Shipping price ready to use "ShippingPrefix + Shipping + ShippingSuffix" (eg. EUR 4.95 within Germany)
<b>Distributor</b>	String	Name of the distributor of the product
<b>EAN</b>	String	European Article Number of the product
<b>Id</b>	Integer	ID of the product (unique across all affilinet products)
<b>Image</b>	Image	Image object with default image provided by the advertiser
<b>Image120</b>	Image	Image object with image resized (max. 120 x 120 px)
<b>Image180</b>	Image	Image object with image resized (max. 180 x 180 px)

<b>Image30</b>	Image	Image object with image resized (max. 30 x 30 px)
<b>Image60</b>	Image	Image object with image resized (max. 60 x 60 px)
<b>Image90</b>	Image	Image object with image resized (max. 90 x 90 px)
<b>Keywords</b>	String	Main words to which correspond to the search criteria
<b>Manufacturer</b>	String	Name of the manufacturer of the product
<b>MerchantCategoryId</b>	Integer	ID of the category in which the advertiser has mapped the product
<b>Price</b>	Decimal	Price of the product
<b>PriceOld</b>	Decimal	Previous price of the product, can be NULL
<b>PricePrefix</b>	String	Prefix to the price (eg. from, upto, etc.)
<b>PriceSuffix</b>	String	Suffix to the price (eg. including, excluding, etc.)
<b>Rank</b>	Integer	Represents the relevance of each found record for the entered query
<b>Shipping</b>	Decimal	Shipping cost of the product, can be NULL
<b>ShippingPrefix</b>	String	Prefix to the shipping cost (eg. from, upto, etc.)
<b>ShippingSuffix</b>	String	Suffix to the shipping cost (eg. including, excluding, etc.)
<b>ShopInformation</b>	ShopInfo	List of ShopInfo objects
<b>Title</b>	String	Name of the product

## Image

Property	Type	Description
<b>Height</b>	Integer	Height of the image being returned
<b>ImageURL</b>	String	URL of the image of the product / logo of the advertiser
<b>Width</b>	Integer	Width of the image being returned

## ShopInformation

Property	Type	Description
<b>Logo120</b>	Image	Image object with image resized (max. 120 x 40 px)
<b>Logo150</b>	Image	Image object with image resized (max. 150 x 50 px)
<b>Logo468</b>	Image	Image object with default logo of the advertiser (max. height 60 px)
<b>Logo50</b>	Image	Image object with image resized (max. 50 x 18 px)
<b>Logo90</b>	Image	Image object with image resized (max. 90 x 31 px)
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ShopId</b>	Integer	Each program has a unique program-ID across the affilinet platform. If it provides us with product data, it can have one or several shop-IDs, depending on the number of product feeds which are provided by the advertiser, e.g. if it delivers books and DVDs in separate lists.
<b>ShopListName</b>	String	Name of the product list to which the product belongs (in cases where advertisers have more than one list)
<b>ShopName</b>	String	Name of the advertiser
<b>ShopUrl</b>	String	Default URL of the advertiser

## GetProducts

This function returns product information for a list of specified product IDs. The presentation type can be set: if 'detailed presentation' (parameter 'Details') is set to 'false', this considerably reduces the quantity of data transferred and therefore speeds up the search. The returned data includes the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same applies to the ShippingPrice.

### Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ProductIds *</b>	Array of integer	Array of product IDs
<b>Details *</b>	Boolean	States whether the detailed view of product results is required
<b>ImageSize *</b>	Enumeration	<p>The 'ImageSize' parameter can be used to select which images (product image and shop logo) should be included in the results. The number behind "Image" resp. "Logo" represents the width in pixels. Possible values are:</p> <ul style="list-style-type: none"> <li>• no image</li> <li>• Product image: Image30 &amp; Logo: Logo50</li> <li>• Product image: Image60 &amp; Logo: Logo90</li> <li>• Product image: Image90 &amp; Logo: Logo120</li> <li>• Product image: Image120 &amp; Logo: Logo150</li> <li>• Product image: Image180 &amp; Logo: Logo468</li> <li>• All images</li> </ul>
<b>CurrentPage *</b>	Integer	States which page should be displayed
<b>PageSize *</b>	Integer	States the size of a result page
<b>SortBy</b>	Enumeration	<p>States by which field the results should be ordered. If omitted, results are sorted by rank. Possible values are:</p> <ul style="list-style-type: none"> <li>• Price</li> </ul>

		<ul style="list-style-type: none"> <li>Title</li> <li>Rank</li> </ul>
<b>SortOrder</b>	Enumeration	States the required order direction of the results. Possible values are: <ul style="list-style-type: none"> <li>unsorted</li> <li>ascending</li> <li>descending</li> <li>random</li> </ul>

## Return Types

### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

### ProductSearchResult

Property	Type	Description
<b>CurrentPage</b>	Integer	Page number of the listed result
<b>Records</b>	Integer	Number of records in current page
<b>Products</b>	Array of Product	List of found products
<b>TotalPages</b>	Integer	Number of pages depending on the page size in the request
<b>TotalRecords</b>	Integer	Total number of records returned

## Product

Property	Type	Description
<b>AffilinetCategoryId</b>	Integer	ID of the affilinet category to which this product is mapped
<b>ArticleNumber</b>	String	The article number which this product has in the shop's database
<b>Brand</b>	String	Name of the brand of the product
<b>CategoryPath</b>	String	Comprehensive category path to which the product belongs
<b>CurrencySymbol</b>	String	Currency of the price of the product (eg. EUR)
<b>DeepLink1</b>	String	URL with the default DeepLink
<b>DeepLink2</b>	String	URL with the special DeepLink directly leading to the product as provided by the advertiser
<b>Description</b>	String	Detail information on the product
<b>DescriptionShort</b>	String	Short detail information on the product
<b>DisplayPrice</b>	String	Price as ready to use string "Prefix + Price + Suffix" (eg. From EUR 25.95 excluding VAT)
<b>DisplayShipping</b>	String	Shipping price ready to use "ShippingPrefix + Shipping + ShippingSuffix" (eg. EUR 4.95 within Germany)
<b>Distributor</b>	String	Name of the distributor of the product
<b>EAN</b>	String	European Article Number of the product
<b>Id</b>	Integer	ID of the product (unique across all affilinet products)
<b>Image</b>	Image	Image object with default image provided by the advertiser
<b>Image120</b>	Image	Image object with image resized (max. 120 x 120 px)
<b>Image180</b>	Image	Image object with image resized (max. 180 x 180 px)

<b>Image30</b>	Image	Image object with image resized (max. 30 x 30 px)
<b>Image60</b>	Image	Image object with image resized (max. 60 x 60 px)
<b>Image90</b>	Image	Image object with image resized (max. 90 x 90 px)
<b>Keywords</b>	String	Main words to which correspond to the search criteria
<b>Manufacturer</b>	String	Name of the manufacturer of the product
<b>MerchantCategoryId</b>	Integer	ID of the category in which the advertiser has mapped the product
<b>Price</b>	Decimal	Price of the product
<b>PriceOld</b>	Decimal	Previous price of the product, can be NULL
<b>PricePrefix</b>	String	Prefix to the price (eg. from, upto, etc.)
<b>PriceSuffix</b>	String	Suffix to the price (eg. including, excluding, etc.)
<b>Rank</b>	Integer	Represents the relevance of each found record for the entered query
<b>Shipping</b>	Decimal	Shipping cost of the product, can be NULL
<b>ShippingPrefix</b>	String	Prefix to the shipping cost (eg. from, upto, etc.)
<b>ShippingSuffix</b>	String	Suffix to the shipping cost (eg. including, excluding, etc.)
<b>ShopInformation</b>	ShopInfo	List of ShopInfo objects
<b>Title</b>	String	Name of the product

## Image

Property	Type	Description
<b>Height</b>	Integer	Height of the image being returned
<b>ImageURL</b>	String	URL of the image of the product / logo of the advertiser
<b>Width</b>	Integer	Width of the image being returned

## ShopInformation

Property	Type	Description
<b>Logo120</b>	Image	Image object with image resized (max. 120 x 40 px)
<b>Logo150</b>	Image	Image object with image resized (max. 150 x 50 px)
<b>Logo468</b>	Image	Image object with default logo of the advertiser (max. height 60 px)
<b>Logo50</b>	Image	Image object with image resized (max. 50 x 18 px)
<b>Logo90</b>	Image	Image object with image resized (max. 90 x 31 px)
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ShopId</b>	Integer	Each program has a unique program-ID across the affilinet platform. If it provides us with product data, it can have one or several shop-IDs, depending on the number of product feeds which are provided by the advertiser, e.g. if it delivers books and DVDs in separate lists.
<b>ShopListName</b>	String	Name of the product list to which the product belongs (in cases where advertisers have more than one list)
<b>ShopName</b>	String	Name of the advertiser
<b>ShopUrl</b>	String	Default URL of the advertiser

## GetShopList

This method returns all shops activated for the partner. The ShopList object contains a list of ShopListItem objects containing information about individual shops.

### Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"

### Return Types

#### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

#### ShopList

Property	Type	Description
<b>Shops</b>	Shop	A list of Shop objects
<b>Records</b>	Integer	Total number of found shops
<b>TotalProducts</b>	Integers	Total number of products found

## Shop

Property	Type	Description
<b>ShopId</b>	Integer	ID of the advertiser
<b>LastUpdate</b>	DateTime	Date when the product list was last updated
<b>LogoUrl</b>	String	URL of the logo of the advertiser
<b>Products</b>	Integer	Number of products found for this advertiser
<b>ProgramId</b>	Integer	Each program has a unique program-ID across the affilinet platform. If it provides us with product data, it can have one or several shop-IDs, depending on the number of product feeds which are provided by the advertiser, e.g. if it delivers books and DVDs in separate lists.
<b>Title</b>	String	Name of the advertiser

## SearchProducts

This method can be used to search individual shops for products. It is also possible to search within the products of all shops, with which you have a partnership. The returned data includes the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same applies to the ShippingPrice.

Please note that for performance reasons, a query must consist of at least 3 alphanumeric characters. We strongly encourage you to use an appropriate caching of the search results on your side.

## Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ShopIds *</b>	Array of integer	IDs of the shops on whose products the search shall be performed Note: use Shop ID 0 to search in all shops you have a partnership with. If 0 is in this array, then no other array elements are allowed.
<b>Query *</b>	String	List of search terms. Please note the table "SearchOperators" below
<b>WithImageOnly *</b>	Boolean	States whether only results with product images should be shown
<b>Details *</b>	Boolean	States whether the detailed view of product results is required
<b>ImageSize *</b>	Enumeration	The 'ImageSize' parameter can be used to select which images (product image and shop logo) should be included in the results. The number behind "Image" resp. "Logo" represents the width in pixels. Possible values are: <ul style="list-style-type: none"> <li>• NoImage</li> <li>• Image30Logo50</li> <li>• Image60Logo90</li> <li>• Image90Logo120</li> <li>• Image120Logo150</li> <li>• Image180Logo468</li> <li>• AllImages</li> </ul>

<b>CurrentPage *</b>	Integer	States which page should be displayed
<b>PageSize *</b>	Integer	States the size of a result page
<b>MinimumPrice *</b>	Decimal	Minimum price in the search results (not including shipping costs). Enter 0 if you don't want to set a minimum price.
<b>MaximumPrice *</b>	Decimal	Maximum price in the search results (not including shipping costs). Enter 0 if you don't want to set a maximum price.
<b>SortBy</b>	Enumeration	States by which field the results should be ordered. If omitted, results are sorted by rank. Possible values are: <ul style="list-style-type: none"> <li>• Price</li> <li>• Title</li> <li>• Rank</li> </ul>
<b>SortOrder *</b>	Enumeration	States the required order direction of the results. Possible values are: <ul style="list-style-type: none"> <li>• Unsorted</li> <li>• Ascending</li> <li>• Descending</li> <li>• Random</li> </ul>

## SearchOperators

Parameter	Description	Example	Result
<b>(blank space)</b>	AND - linking search terms	DVD Player	Products in which the terms "DVD" and "Player" appear
<b>, (Comma)</b>	AND – linking search terms	DVD,Player	Products containing the terms "DVD" and "Player"
<b>@@ (NEAR)</b>	AND – linking search terms	DVD@@Player	Products containing the terms "DVD" and "Player". The keywords have to be located close to another
<b>(brackets)</b>	OR - linking search terms	(DVD Player)	Products in which the terms "DVD" or "Player" appear
<b>- (Minus)</b>	Exclusion of search term	DVD -Player	Products in which "DVD" appears, but not "Player"
<b>* (Star)</b>	Wildcard for search terms	car*	Products containing terms starting with "car"

## Return Types

### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

## ProductSearchResult

Property	Type	Description
<b>CurrentPage</b>	Integer	Page number of the listed result
<b>Records</b>	Integer	Number of records in current page
<b>Products</b>	Array of Product	List of found products
<b>TotalPages</b>	Integer	Number of pages depending on the page size in the request
<b>TotalRecords</b>	Integer	Total number of records returned

## Product

Property	Type	Description
<b>AffilinetCategoryId</b>	Integer	ID of the affilinet category to which this product is mapped
<b>ArticleNumber</b>	String	The article number which this product has in the shop's database
<b>Brand</b>	String	Name of the brand of the product
<b>CategoryPath</b>	String	Comprehensive category path to which the product belongs
<b>CurrencySymbol</b>	String	Currency of the price of the product (eg. EUR)
<b>DeepLink1</b>	String	URL with the default DeepLink
<b>DeepLink2</b>	String	URL with the special DeepLink directly leading to the product as provided by the advertiser
<b>Description</b>	String	Detail information on the product
<b>DescriptionShort</b>	String	Short detail information on the product
<b>DisplayPrice</b>	String	Price as ready to use string "Prefix + Price + Suffix" (eg. From EUR 25.95 excluding VAT)

<b>DisplayShipping</b>	String	Shipping price ready to use "ShippingPrefix + Shipping + ShippingSuffix" (eg. EUR 4.95 within Germany)
<b>Distributor</b>	String	Name of the distributor of the product
<b>EAN</b>	String	European Article Number of the product
<b>Id</b>	Integer	ID of the product (unique across all affilinet products)
<b>Image</b>	Image	Image object with default image provided by the advertiser
<b>Image120</b>	Image	Image object with image resized (max. 120 x 120 px)
<b>Image180</b>	Image	Image object with image resized (max. 180 x 180 px)
<b>Image30</b>	Image	Image object with image resized (max. 30 x 30 px)
<b>Image60</b>	Image	Image object with image resized (max. 60 x 60 px)
<b>Image90</b>	Image	Image object with image resized (max. 90 x 90 px)
<b>Keywords</b>	String	Main words to which correspond to the search criteria
<b>Manufacturer</b>	String	Name of the manufacturer of the product
<b>MerchantCategoryId</b>	Integer	ID of the category in which the advertiser has mapped the product
<b>Price</b>	Decimal	Price of the product
<b>PriceOld</b>	Decimal	Previous price of the product, can be NULL
<b>PricePrefix</b>	String	Prefix to the price (eg. from, upto, etc.)
<b>PriceSuffix</b>	String	Suffix to the price (eg. including, excluding, etc.)
<b>Rank</b>	Integer	Represents the relevance of each found record for the entered query
<b>Shipping</b>	Decimal	Shipping cost of the product, can be NULL
<b>ShippingPrefix</b>	String	Prefix to the shipping cost (eg. from, upto, etc.)
<b>ShippingSuffix</b>	String	Suffix to the shipping cost (eg. including, excluding, etc.)

<b>ShopInformation</b>	ShopInfo	List of ShopInfo objects
<b>Title</b>	String	Name of the product

## Image

Property	Type	Description
<b>Height</b>	Integer	Height of the image being returned
<b>ImageURL</b>	String	URL of the image of the product / logo of the advertiser
<b>Width</b>	Integer	Width of the image being returned

## ShopInformation

Property	Type	Description
<b>Logo120</b>	Image	Image object with image resized (max. 120 x 40 px)
<b>Logo150</b>	Image	Image object with image resized (max. 150 x 50 px)
<b>Logo468</b>	Image	Image object with default logo of the advertiser (max. height 60 px)
<b>Logo50</b>	Image	Image object with image resized (max. 50 x 18 px)
<b>Logo90</b>	Image	Image object with image resized (max. 90 x 31 px)
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ShopId</b>	Integer	Each program has a unique program-ID across the affilinet platform. If it provides us with product data, it can have one or several shop-IDs, depending on the number of product feeds which are provided by the advertiser, e.g. if it delivers books and DVDs in separate lists.
<b>ShopListName</b>	String	Name of the product list to which the product belongs (in cases where advertisers have more than one list)
<b>ShopName</b>	String	Name of the advertiser

<b>ShopUrl</b>	String	Default URL of the advertiser
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## ***SearchProductsInCategories***

This method can be used to search for products in several categories. It can also be stated whether the specified category is an affilinet® category. The returned data includes the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same applies to the ShippingPrice.

## **Parameters**

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ShopIds *</b>	Array of integer	IDs of the shops on whose products the search shall be performed Note: use Shop ID 0 to search in all shops you have a partnership with
<b>CategoryIds *</b>	Array of integer	IDs of the categories to search in
<b>UseAffilinetCategories *</b>	Boolean	Set to 'true' to let the argument 'Categories' be interpreted as affilinet categories
<b>Query *</b>	String	List of search terms. Please note the table "SearchOperators" below
<b>WithImageOnly *</b>	Boolean	States whether only results with product images should be displayed
<b>Details *</b>	Boolean	States whether the detailed view of product results is required
<b>ImageSize *</b>	Enumeration	The 'ImageSize' parameter can be used to select which images (product image and shop logo) should be included in the results. The number behind "Image" resp. "Logo" represents the width in pixels. Possible values are:

		<ul style="list-style-type: none"> <li>• NoImage</li> <li>• Image30Logo50</li> <li>• Image60Logo90</li> <li>• Image90Logo120</li> <li>• Image120Logo150</li> <li>• Image180Logo468</li> <li>• AllImages</li> </ul>
<b>CurrentPage *</b>	Integer	States which page should be displayed
<b>PageSize *</b>	Integer	States the size of a result page
<b>MinimumPrice *</b>	Decimal	Minimum price in the search results (not including shipping costs). Enter 0 if you don't want to set a minimum price.
<b>MaximumPrice *</b>	Decimal	Maximum price in the search results (not including shipping costs). Enter 0 if you don't want to set a maximum price.
<b>SortBy</b>	Enumeration	States by which field the results should be ordered. If omitted, results are sorted by rank. Possible values are: <ul style="list-style-type: none"> <li>• Price</li> <li>• Title</li> <li>• Rank</li> </ul>
<b>SortOrder *</b>	Enumeration	States the required order direction of the results. Possible values are: <ul style="list-style-type: none"> <li>• Unsorted</li> <li>• Ascending</li> <li>• Descending</li> <li>• Random</li> </ul>

## SearchOperators

Parameter	Description	Example	Result
<b>(blank space)</b>	AND - linking search terms	DVD Player	Products in which the terms "DVD" and "Player" appear
<b>, (Comma)</b>	AND – linking search terms	DVD,Player	Products containing the terms "DVD" and "Player"
<b>@@ (NEAR)</b>	AND – linking search terms	DVD@@Player	Products containing the terms "DVD" and "Player". The keywords have to be located close to another
<b>(brackets)</b>	OR - linking search terms	(DVD Player)	Products in which the terms "DVD" or "Player" appear
<b>- (Minus)</b>	Exclusion of search term	DVD -Player	Products in which "DVD" appears, but not "Player"
<b>* (Star)</b>	Wildcard for search terms	car*	Products containing terms starting with "car"

## Return Types

### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

### ProductSearchResult

Property	Type	Description
<b>CurrentPage</b>	Integer	Page number of the listed result

<b>Records</b>	Integer	Number of records in current page
<b>Products</b>	Array of Product	List of found products
<b>TotalPages</b>	Integer	Number of pages depending on the page size in the request
<b>TotalRecords</b>	Integer	Total number of records returned

### Product

Property	Type	Description
<b>AffilinetCategoryId</b>	Integer	ID of the affilinet category to which this product is mapped
<b>ArticleNumber</b>	String	The article number which this product has in the shop's database
<b>Brand</b>	String	Name of the brand of the product
<b>CategoryPath</b>	String	Comprehensive category path to which the product belongs
<b>CurrencySymbol</b>	String	Currency of the price of the product (eg. EUR)
<b>DeepLink1</b>	String	URL with the default DeepLink
<b>DeepLink2</b>	String	URL with the special DeepLink directly leading to the product as provided by the advertiser
<b>Description</b>	String	Detail information on the product
<b>DescriptionShort</b>	String	Short detail information on the product
<b>DisplayPrice</b>	String	Price as ready to use string "Prefix + Price + Suffix" (eg. From EUR 25.95 excluding VAT)
<b>DisplayShipping</b>	String	Shipping price ready to use "ShippingPrefix + Shipping + ShippingSuffix" (eg. EUR 4.95 within Germany)
<b>Distributor</b>	String	Name of the distributor of the product
<b>EAN</b>	String	European Article Number of the product

<b>Id</b>	Integer	ID of the product (unique across all affilinet products)
<b>Image</b>	Image	Image object with default image provided by the advertiser
<b>Image120</b>	Image	Image object with image resized (max. 120 x 120 px)
<b>Image180</b>	Image	Image object with image resized (max. 180 x 180 px)
<b>Image30</b>	Image	Image object with image resized (max. 30 x 30 px)
<b>Image60</b>	Image	Image object with image resized (max. 60 x 60 px)
<b>Image90</b>	Image	Image object with image resized (max. 90 x 90 px)
<b>Keywords</b>	String	Main words to which correspond to the search criteria
<b>Manufacturer</b>	String	Name of the manufacturer of the product
<b>MerchantCategoryId</b>	Integer	ID of the category in which the advertiser has mapped the product
<b>Price</b>	Decimal	Price of the product
<b>PriceOld</b>	Decimal	Previous price of the product, can be NULL
<b>PricePrefix</b>	String	Prefix to the price (eg. from, upto, etc.)
<b>PriceSuffix</b>	String	Suffix to the price (eg. including, excluding, etc.)
<b>Rank</b>	Integer	Represents the relevance of each found record for the entered query
<b>Shipping</b>	Decimal	Shipping cost of the product, can be NULL
<b>ShippingPrefix</b>	String	Prefix to the shipping cost (eg. from, upto, etc.)
<b>ShippingSuffix</b>	String	Suffix to the shipping cost (eg. including, excluding, etc.)
<b>ShopInformation</b>	ShopInfo	List of ShopInfo objects
<b>Title</b>	String	Name of the product

## Image

Property	Type	Description
<b>Height</b>	Integer	Height of the image being returned
<b>ImageURL</b>	String	URL of the image of the product / logo of the advertiser
<b>Width</b>	Integer	Width of the image being returned

## ShopInformation

Property	Type	Description
<b>Logo120</b>	Image	Image object with image resized (max. 120 x 40 px)
<b>Logo150</b>	Image	Image object with image resized (max. 150 x 50 px)
<b>Logo468</b>	Image	Image object with default logo of the advertiser (max. height 60 px)
<b>Logo50</b>	Image	Image object with image resized (max. 50 x 18 px)
<b>Logo90</b>	Image	Image object with image resized (max. 90 x 31 px)
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ShopId</b>	Integer	Each program has a unique program-ID across the affilinet platform. If it provides us with product data, it can have one or several shop-IDs, depending on the number of product feeds which are provided by the advertiser, e.g. if it delivers books and DVDs in separate lists.
<b>ShopListName</b>	String	Name of the product list to which the product belongs (in cases where advertisers have more than one list)
<b>ShopName</b>	String	Name of the advertiser
<b>ShopUrl</b>	String	Default URL of the advertiser

## SearchProductsInCategory

This method can be used to find products within a list of specific categories. It is also possible to define whether all subcategories should be searched or only the one specified. It can also be stated whether the specified category is an affilinet® category. The data available within the context of this offer include the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same is also true for the Shipping Price.

### Parameters

Parameter	Type	Description
<b>CredentialToken *</b>	String	The authentication token you receive from the method "Logon"
<b>ShopId</b>	Integer	ID of the shop whose category has been specified in 'CategoryId'
<b>CategoryId *</b>	Integer	ID of the category to be searched
<b>IncludeChildNodes</b>	Boolean	If this is set to 'true', then the search is also performed on the child nodes of the given category
<b>UseAffilinetCategories *</b>	Boolean	States whether the specified category is an affilinet® category
<b>Query *</b>	String	List of search terms. Please note the table "SearchOperators" below
<b>WithImageOnly *</b>	Boolean	States whether only results with product images should be displayed
<b>Details *</b>	Boolean	States whether the detailed view of product results is required
<b>ImageSize *</b>	Enumeration	The 'ImageSize' parameter can be used to select which images (product image and shop logo) should be included in the results. The number behind "Image" resp. "Logo" represents the width in pixels. Possible values are:

		<ul style="list-style-type: none"> <li>• NoImage</li> <li>• Image30Logo50</li> <li>• Image60Logo90</li> <li>• Image90Logo120</li> <li>• Image120Logo150</li> <li>• Image180Logo468</li> <li>• AllImages</li> </ul>
<b>CurrentPage *</b>	Integer	States which page should be displayed
<b>PageSize *</b>	Integer	States the size of a result page
<b>MinimumPrice *</b>	Decimal	Minimum price in the search results. Enter 0 if you don't want to set a minimum price.
<b>MaximumPrice *</b>	Decimal	Maximum price in the search results. Enter 0 if you don't want to set a maximum price.
<b>SortBy</b>	Enumeration	States by which field the results should be ordered. If omitted, results are sorted by rank. Possible values are: <ul style="list-style-type: none"> <li>• Price</li> <li>• Title</li> <li>• Rank</li> </ul>
<b>SortOrder *</b>	Enumeration	States the required order direction of the results. Possible values are: <ul style="list-style-type: none"> <li>• Unsorted</li> <li>• Ascending</li> <li>• Descending</li> <li>• Random</li> </ul>

## SearchOperators

Parameter	Description	Example	Result
<b>(blank space)</b>	AND - linking search terms	DVD Player	Products in which the terms "DVD" and "Player" appear
<b>, (Comma)</b>	AND – linking search terms	DVD,Player	Products containing the terms "DVD" and "Player"
<b>@@ (NEAR)</b>	AND – linking search terms	DVD@@Player	Products containing the terms "DVD" and "Player". The keywords have to be located close to another
<b>(brackets)</b>	OR - linking search terms	(DVD Player)	Products in which the terms "DVD" or "Player" appear
<b>- (Minus)</b>	Exclusion of search term	DVD -Player	Products in which "DVD" appears, but not "Player"
<b>* (Star)</b>	Wildcard for search terms	car*	Products containing terms starting with "car"

## Return Types

### Result

Property	Type	Description
<b>Records</b>	Integer	Number of entries returned
<b>ErrorMsg</b>	String	An error message is returned in this property, if something goes wrong with the request

## ProductSearchResult

Property	Type	Description
<b>CurrentPage</b>	Integer	Page number of the listed result
<b>Records</b>	Integer	Number of records in current page
<b>Products</b>	Array of Product	List of found products
<b>TotalPages</b>	Integer	Number of pages depending on the page size in the request
<b>TotalRecords</b>	Integer	Total number of records returned

## Product

Property	Type	Description
<b>AffilinetCategoryId</b>	Integer	ID of the affilinet category to which this product is mapped
<b>ArticleNumber</b>	String	The article number which this product has in the shop's database
<b>Brand</b>	String	Name of the brand of the product
<b>CategoryPath</b>	String	Comprehensive category path to which the product belongs
<b>CurrencySymbol</b>	String	Currency of the price of the product (eg. EUR)
<b>DeepLink1</b>	String	URL with the default DeepLink
<b>DeepLink2</b>	String	URL with the special DeepLink directly leading to the product as provided by the advertiser
<b>Description</b>	String	Detail information on the product
<b>DescriptionShort</b>	String	Short detail information on the product
<b>DisplayPrice</b>	String	Price as ready to use string "Prefix + Price + Suffix" (eg. From EUR 25.95 excluding VAT)

<b>DisplayShipping</b>	String	Shipping price ready to use "ShippingPrefix + Shipping + ShippingSuffix" (eg. EUR 4.95 within Germany)
<b>Distributor</b>	String	Name of the distributor of the product
<b>EAN</b>	String	European Article Number of the product
<b>Id</b>	Integer	ID of the product (unique across all affilinet products)
<b>Image</b>	Image	Image object with default image provided by the advertiser
<b>Image120</b>	Image	Image object with image resized (max. 120 x 120 px)
<b>Image180</b>	Image	Image object with image resized (max. 180 x 180 px)
<b>Image30</b>	Image	Image object with image resized (max. 30 x 30 px)
<b>Image60</b>	Image	Image object with image resized (max. 60 x 60 px)
<b>Image90</b>	Image	Image object with image resized (max. 90 x 90 px)
<b>Keywords</b>	String	Main words to which correspond to the search criteria
<b>Manufacturer</b>	String	Name of the manufacturer of the product
<b>MerchantCategoryId</b>	Integer	ID of the category in which the advertiser has mapped the product
<b>Price</b>	Decimal	Price of the product
<b>PriceOld</b>	Decimal	Previous price of the product, can be NULL
<b>PricePrefix</b>	String	Prefix to the price (eg. from, upto, etc.)
<b>PriceSuffix</b>	String	Suffix to the price (eg. including, excluding, etc.)
<b>Rank</b>	Integer	Represents the relevance of each found record for the entered query
<b>Shipping</b>	Decimal	Shipping cost of the product, can be NULL
<b>ShippingPrefix</b>	String	Prefix to the shipping cost (eg. from, upto, etc.)
<b>ShippingSuffix</b>	String	Suffix to the shipping cost (eg. including, excluding, etc.)

<b>ShopInformation</b>	ShopInfo	List of ShopInfo objects
<b>Title</b>	String	Name of the product

## Image

Property	Type	Description
<b>Height</b>	Integer	Height of the image being returned
<b>ImageURL</b>	String	URL of the image of the product / logo of the advertiser
<b>Width</b>	Integer	Width of the image being returned

## ShopInformation

Property	Type	Description
<b>Logo120</b>	Image	Image object with image resized (max. 120 x 40 px)
<b>Logo150</b>	Image	Image object with image resized (max. 150 x 50 px)
<b>Logo468</b>	Image	Image object with default logo of the advertiser (max. height 60 px)
<b>Logo50</b>	Image	Image object with image resized (max. 50 x 18 px)
<b>Logo90</b>	Image	Image object with image resized (max. 90 x 31 px)
<b>ProgramId</b>	Integer	ProgramID of the advertiser
<b>ShopId</b>	Integer	Each program has a unique program-ID across the affilinet platform. If it provides us with product data, it can have one or several shop-IDs, depending on the number of product feeds which are provided by the advertiser, e.g. if it delivers books and DVDs in separate lists.
<b>ShopListName</b>	String	Name of the product list to which the product belongs (in cases where advertisers have more than one list)
<b>ShopName</b>	String	Name of the advertiser
<b>ShopUrl</b>	String	Default URL of the advertiser