

SanMar Web Services API Overview

The SanMar API is a suite of tools that will allow you to retrieve SanMar-related information electronically, including product pricing, inventory, order shipment notifications, invoices, and package slip details. SanMar currently offers proprietary API methods and PromoStandards API methods for customers who need extra flexibility. As our services run in real-time, details can be retrieved so that your system is up to date with the latest SanMar offerings. Because our servers are being leveraged for the API methods, your application will require less data storage. All API services offered are free to use for SanMar customers.

You can utilize the SanMar API in multiple ways, including invoice retrieval for your accounting needs, extracting real-time product inventory to keep track of SanMar product stock, or getting our latest product details for use in an e-commerce web application.

The API is an XML-based SOAP API, so knowledge of the SOAP protocol and how to program with it is necessary from a development standpoint. API calls are made in XML format, sent to our servers, and in return our servers will send an XML response back to your system with the requested details. As the SOAP protocol is agnostic, you or a developer can work with any programming language of your choice, and sample code in Java, PHP, and .NET are available by request. For each API service, we offer production endpoints for real-time access and eUAT endpoints for testing purposes. You can submit a request for our API to sanmarintegrations@sanmar.com where an integration representative will be readily available.

SanMar Web Services User Guide

Get Started

You will need to be a SanMar customer and complete an integration agreement before you can utilize the SanMar API. You will use your SanMar.com web user credentials for authentication.

Step 1: Contact the integration team at sanmarintegrations@sanmar.com to request access to the SanMar Web Services API. The integration team will send out an Adobe e-sign agreement for you to complete. Once you have submitted your completed agreement the integration team will e-mail you confirmation and access to the API.

Step 2: Create a web user at www.sanmar.com/signup/webuser. The username and password created will be used for authentication of the Web Service API methods.

Step 3: Locate the WSDL that fits your needs. You will find a list of WSDL's by category in the table of contents area of this guide. Each WSDL will have a designated section with the required parameters and output.

Authentication

SanMar's standard production web service calls require authentication with a SanMar customer number, SanMar.com username, and SanMar.com password. SanMar's PromoStandards web service calls require authentication with a SanMar.com username and SanMar.com password. You can create production SanMar.com credentials at the following location: <https://www.sanmar.com/signup/webuser>.

To test the eUAT calls, you can use your SanMar customer number (SanMar's standard web service calls only), production SanMar.com username, and the default eUAT SanMar.com password of '12341234'. You can also create new eUAT SanMar.com credentials by visiting the following location: <https://euat-sanmar.sanmar.com/signup/webuser>.

Authentication for the SanMar Standard Web Service calls

Field	Required	Type	Description
sanMarCustomerNumber	Yes	INT	SanMar Customer Number
sanMarUserName	Yes	STRING	SanMar.com Username
sanMarUserPassword	Yes	STRING	SanMar.com Password

Please Note: Inventory and invoice services present exceptions to the basic authentication parameters which are explained within the description of the services.

Authentication for PromoStandards Web Service calls

Field	Required	Type	Description
id	Yes	STRING	SanMar.com Username
password	Yes	STRING	SanMar.com Password

Authentication Responses

Field	Type	Notes
errorOccurred	BOOLEAN	true or false - Indicates if an error has occurred
message	STRING	If the errorOccurred = false , no message is returned If the errorOccurred = true , the message returned is "ERROR: User authenticating failed"

Make a SOAP Call

The following section demonstrates how to make a SOAP API call using the GetProductSellable method of the PromoStandards Product Data Service WSDL. This method returns a list of Product Ids and Part Ids based on their availability to sell. You can use tools such as Postman or SoapUI to make a SOAP API call.

PromoStandards Product Data Service WSDL:

<https://ws.sanmar.com:8080/promostandards/ProductDataServiceBinding?wsdl>

Authentication is provided in the id (SanMar.com username) and password (SanMar.com password) XML sections. The required fields for this call include wsVersion (PromoStandards Version), productId (SanMar style number), and isSellable (true).

```
<ns:GetProductSellableRequest>
<shar:wsVersion>1.0.0</shar:wsVersion>
<shar:id> WebServices-Test </shar:id>
<shar:password> sanmar1</shar:password>
<!--Optional:-->
<shar:productId>LOG105</shar:productId>
<shar:isSellable>true</shar:isSellable>
</ns:GetProductSellableRequest>
```

The response shows the productId (SanMar style number) and partId (unique key) for the requested details:

```
<ProductSellable>
<ns2:productId>LOG105</ns2:productId>
<ns2:partId>583922</ns2:partId>
</ProductSellable>
```