

# USPS Pricing Engine SDK

April 9, 2021

## Summary

The International Pricing Engine SDK (version 11.10.2.0) has been updated to integrate with the International Management Console (IMC) to provide Logistical Partner barcode type, code, and type.

## Integration with the international Management Console

This update will report Logistical Partner information for the destination country, mail service, for the specified shipping date. The “Attributes” provided for each service will contain the following additional information.

This information is made available on calls to `GetServicesWithPricing` and `CalculateServicePrice`.

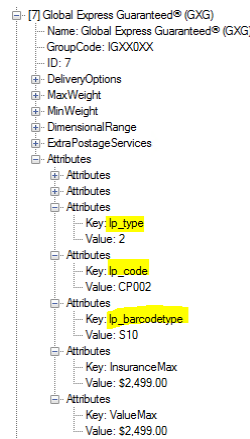


Table 1: See [Web Service IDG-M SDC Spec - v2.05.pdf](#) for additional information

Attribute Name	Property	Definition
lp_type	Type	Indicator if the block information is for a Logistics Partner or Post
lp_code	Code	The Logistics Partner code that will support international transportation.
lp_barcodetype	barcodetype	The barcode(s) that a Logistics Partner will support for international transportation

## Changes to the Application Configuration file

The following changes are required to provide this capability. They define the SDC as the provider for logistical provider information; whether the IMC services are available; date and time this capability is enabled; and the endpoint that provides this information.

```
<add key = "IMC.Provider" value="SDC"/>  
<add key = "IMC.Available" value="True"/>  
<add key = "IMC.DateTimeAvailable" value = "1/24/2021"/>  
<add key = "IMC.URL" value="https://eagnmmbd281.usps.gov:9443/idgm-reporter/supportedCountries"/>
```

Valid endpoints and the environments they are available are listed below.

Environment	Endpoint
SIT	<a href="https://eagnmmbd281.usps.gov:9443/idgm-reporter/supportedCountries">https://eagnmmbd281.usps.gov:9443/idgm-reporter/supportedCountries</a>
CAT	<a href="https://sdc1-cat.usps.gov/sdc-rest-services/v1/upu/supportedCountries">https://sdc1-cat.usps.gov/sdc-rest-services/v1/upu/supportedCountries</a>
PROD	<a href="https://sdc1.usps.gov/sdc-rest-services/v1/upu/supportedCountries">https://sdc1.usps.gov/sdc-rest-services/v1/upu/supportedCountries</a>

## Changes to the Database Structure

There are no changes to the database structure.

## Updated version number and sign all DLLs

The DLL version numbers have remained the same.

## Impact on Existing Applications

You will have to rebuild your applications.

## Instructions

1. Copy the DLLs

## Contents

Description	File
<b>Folder</b>	DLL
<b>Rate Engine Framework</b>	RateEngine_Framework.dll
<b>Business Framework</b>	RateEngine_Business.dll
<b>Domestic Business Rate Engine</b>	RateEngine_DomBusiness.dll
<b>International Business Rate Engine</b>	RateEngine_IntlBusiness.dll
<b>Service Delivery Extensions</b>	ServiceDeliveryExtensions.dll
<b>Customs Forms Engine</b>	CustomsFormsEngine.dll
<b>Release Notes</b>	USPS Pricing Engine SDK 11_10_2_0.pdf

## Reported Defects and Change Request

None at this time.