

USPS Pricing Engine SDK

September 14, 2016.

Summary

This is the Domestic and International Pricing Engine SDK (version 11.4.2.0) for the September 16, 2016 Release. The following is a list of Enhancements included in this release.

CR 7324 – WebTools - CUBIC - Dimensions

The Rate Engine returns the following error if all the Dimensions L, W, and H are not populated: "All Dimensions must be greater than zero". Please confirm what dimensions are needed for CUBIC.

BUG 7352 – Correct Prices returned for Standard Mail Simple Samples, Commercial and Nonprofit

Standard Mail Simple Samples, commercial and nonprofit, are reporting a price of zero for Targeted and Every Door price categories.

Contents

Description	File
Folder	Database
Folder	Domestic
SQL Script	CR 7352.sql
Folder	Libraries
Rate Engine Framework	RateEngine_Framework.dll
Business Framework	RateEngine_Business.dll
Domestic Business Rate Engine	RateEngine_DomBusiness.dll
International Business Rate Engine	RateEngine_IntlBusiness.dll
Service Delivery Extensions	ServiceDeliveryExtensions.dll
Customs Forms Engine	CustomsFormsEngine.dll
Design Model	Pricing Engine Design Model.pdf
Release Notes	USPS Pricing Engine SDK 11_4_2_0.pdf

Reported Defects

ID	Title	Status
7446	Cubic Dimensions	Resolved

Bug 7446 – Cubic Dimensions

Description

CalculateServicePrice – Webtools only uses one Shape/Size in the request (as the test tool allows multiple shapes and sizes)

- If the Shape/Size is CUBIC (we have no way of sending the container to the Price Engine)
 - If three dimensions passed in then it must be PARCEL
 - If two dimensions (Length and Height) then it must be SOFT PACK
 - Any other combination would be invalid
- If the Shape/Size is not CUBIC
 - Dimension edits should be like they are now with the “All dimensions greater than 0” message.

Resolution

Rules:

- If the Shape and Size list only contains “Cubic”, the width is not required
- If the Length, Height and Width are not Zero, the Cubic calculation is preform as a package
- If the Length and Height not Zero and Width is Zero, the Cubic calculation is preform as a SoftPack or Large Envelop.