

# Calculating private customer prices

## Linking options (web linking)

### 1. Introduction

#### 1.1 Purpose

This document specifies the interface VSC-2011. Apart of the web interface, the VSC-2011 provides a link which can be called with specific parameters to directly display the results.

#### 1.2 Scope

The interface affects the redesign of the VSC-2011. It can be used by systems which want to provide their users access to the VSC-2011 with predefined parameters.

#### 1.3 Definitions, Acronyms and Abbreviations

Word	Definition
VSC-2011	Versandkalkulator

#### 1.4 Overview

The following chapters describe how the VSC-2011 can be accessed. URL patterns, the parameters with their requirements and example requests are described.

### 2. Parameters

The parameters are submitted as GET parameters as part of the URL.

Parameter	Required	Default	Description												
country	No	CH	The destination country of the consignment. The ISO code of the country is expected as it is found in the Tapis data. Examples: CH DE CL  If no country is provided, Switzerland is assumed and the application directly displays the product overview. If an invalid country is provided, the application displays the screen foreign calculation. The user can now select a country from the dropdown or switch to national calculation.												
format	Yes		The available formats depend on the submitted country. The following table shows an overview of the available formats per country: <table border="1"><thead><tr><th>Format</th><th>Switzerland</th><th>Any other country</th></tr></thead><tbody><tr><td>B5</td><td>x</td><td>x</td></tr><tr><td>B4</td><td>x</td><td>x</td></tr><tr><td>PARCEL</td><td>x</td><td>x</td></tr></tbody></table>	Format	Switzerland	Any other country	B5	x	x	B4	x	x	PARCEL	x	x
Format	Switzerland	Any other country													
B5	x	x													
B4	x	x													
PARCEL	x	x													

Parameter	Required	Default	Description									
			<table border="1"> <tr> <td>BULKGOODS</td> <td>x</td> <td>x</td> </tr> <tr> <td>MINIPAC</td> <td>-</td> <td>x</td> </tr> <tr> <td>MANUAL</td> <td>x</td> <td>x</td> </tr> </table>	BULKGOODS	x	x	MINIPAC	-	x	MANUAL	x	x
BULKGOODS	x	x										
MINIPAC	-	x										
MANUAL	x	x										
			If the special format MANUAL is provided, the application requires more parameters: Either length, width and depth or length and diameter need to be provided.									
weight	Yes		<p>The weight is expected to be submitted in grams. The available weights depend on the submitted format and country.</p> <p>The available weights for the available formats are summarized in chapter 2.1.</p>									
length	No*		Expected in millimetres. The value will be converted to centimetres and rounded to one decimal place.									
width	No*		Expected in millimetres. The value will be converted to centimetres and rounded to one decimal place.									
depth	No*		Expected in millimetres. The value will be converted to centimetres and rounded to one decimal place.									
diameter	No*		Expected in millimetres. The value will be converted to centimetres and rounded to one decimal place.									
webstamp	No	Not set (=new window)	<p>Decides whether the link to Webstamp Easy is opened in a new window.</p> <p>webstamp=same Webstamp is opened in the same window as VSC</p> <p>If the parameter is not set or to any value other than "same", Webstamp is opened in a new window.</p> <p>This only concerns the link to Webstamp on the result screen, not the direct links on the search screen.</p>									
mobileRedirect	No	true	<p>Decides whether mobile clients are automatically redirected to the VSC mobile page.</p> <p>This parameter can be used by the VSC mobile client to prevent endless redirects from the application to the mobile page.</p> <p>mobileRedirect=false Mobile clients are not redirected to the mobile page</p> <p>If the parameter is not set, or set to any value other than "false", mobile clients are redirected to the mobile page.</p>									

\* If MANUAL format is selected, either length, width and depth or length and diameter are mandatory. These parameters are silently ignored if any other format than MANUAL is provided.



## 2.1 Weights

The available weights depend on the weights configured in VSC-2011. The weights can be changed in the application by the application manager at any time.

If Switzerland is submitted as country:

	<b>B5</b>	<b>B4</b>	<b>Parcel</b>	<b>Bulk goods</b>
<b>Available weights</b>	100 g 250 g 500 g 1 kg 2 kg 5 kg 10 kg 20 kg 30 kg	500 g 1 kg 2 kg 5 kg 10 kg 20 kg 30 kg	1 kg 2 kg 5 kg 10 kg 20 kg 30 kg	30 kg

If any other country than Switzerland is submitted as country:

	<b>B5</b>	<b>B4</b>	<b>Parcel</b>	<b>Bulk goods</b>	<b>MiniPac</b>
<b>Available weights</b>	20 g 50 g 100 g 250 g 500 g 1 kg 2 kg 3 kg 4 kg 5 kg 10 kg 15 kg 20 kg 25 kg 30 kg	100 g 250 g 500 g 1 kg 2 kg 3 kg 4 kg 5 kg 10 kg 15 kg 20 kg 25 kg 30 kg	500 g 1 kg 2 kg 3 kg 4 kg 5 kg 10 kg 15 kg 20 kg 25 kg 30 kg	500 g 1 kg 2 kg 3 kg 4 kg 5 kg 10 kg 15 kg 20 kg 25 kg 30 kg	500 g 1 kg 2 kg 3 kg 4 kg 5 kg 10 kg 15 kg 20 kg 25 kg 30 kg

## 3. Failure case

If any of the required parameters are missing or a parameter contains wrong values, the request cannot be interpreted. In this case the default screen (national calculation) of the application is displayed. This allows the user to specify country, format and weight manually.

If the specified country could be interpreted as a valid country, the screen foreign calculation is displayed. All the values which can successfully be validated will be prefilled in the GUI.

No error messages will be displayed to the user. If provided parameters are invalid, it's a problem of our client, which is another application (for example the widget on post.ch). Because the user can't change this anyway, he doesn't need to know what went wrong.

#### 4. Examples

A parcel with destination Switzerland and a weight of up to 5 kg:

<https://apps.post.ch/vsc?country=CH&format=PARCEL&weight=5000>

A consignment of format up to B4 with destination Morocco and a weight of up to 100 g:

<https://apps.post.ch/vsc?country=MA&format=B4&weight=100>

A MiniPac with destination Ghana and a weight of up to 500 g:

<https://apps.post.ch/vsc?country=GH&format=MINIPAC&weight=500>

A consignment of format up to B5 with destination Switzerland and a weight of up to 30 kg:

<https://apps.post.ch/vsc?country=CH&format=B5&weight=30000>

Link to the VSC application, forcing Webstamp Easy Links to be opened in the same window as the application:

<https://apps.post.ch/vsc?webstamp=same>

Link to the VSC application, preventing mobile clients from being redirected to the mobile page:

<https://apps.post.ch/vsc?mobileRedirect=false>

#### 5. General information

Once the new WEPP portal goes live on 30 May 2015, the application header will always be displayed (access without header is no longer possible).

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