



## Service Postal - API 2.0.1 – release note

### Developer explanations

#### SP\_PostalAddress object

spPostalCode doesn't have numeric value anymore, but it is string.

Explanation for this change: Service Postal added support for international letters in this new version of API. In case of France it is still mandatory to set string that can be parsed into int of 5 digits, like spPostalCode="12345", for other countries spPostalCode is not mandatory and can be any string.

spCountry -> use value from the list given at the end of the document – Service COUNTRY list. If misspelled from what is written in Service COUNTRY list, France will be automatically set up.

example: spCountry="Espagne";

Also, if country is set to any other country rather than "France" (whether in sender or in destination), developer can only send priority letter or registered with proof of deposit, in any other case, API returns a FaultException: International letters can be only of type priority or registered with proof of deposit. This is due to the fact that Service Postal can only send those two types of letters abroad.

If spCountry is not set up at all (since it is not mandatory), France will be automatically set.

#### SP\_JobParameters object

Fields that doesn't exist anymore:

spHeaderPage

Added fields:

spHeaderPageWindowEnvelope  
spEnvelopePrintingMode  
spSenderPrintedOnEnvelope  
spAddressStitchedOnDocumentPrintedEnvelope  
spAddBarCodeToDocumentPrintedEnvelope

This is a major change.

None of the added fields is mandatory but will be applicable if not set up differently in code.

Main field is spEnvelopePrintingMode.

It takes the values from SP\_EnvelopePrintingMode object.

It is enum and can have values: SP\_ENVELOPPE\_PRINTED, SP\_ENVELOPPE\_WINDOW, SP\_DEFAULT

Default is SP\_ENVELOPPE\_PRINTED always.

SP\_ENVELOPPE\_PRINTED

This means that developer can choose whether envelop will be printed or windowed envelop will be used. In case of printed envelop, Service Postal prints sender and destination directly on envelop.

Applicable parameters to this solution are:

spAddressStitchedOnDocumentPrintedEnvelope  
spAddBarCodeToDocumentPrintedEnvelope  
spSenderPrintedOnEnvelope

If developer sets `spAddressStitchedOnDocumentPrintedEnvelope` to `SP_YES` value that means that in addition to printed envelop, Service Postal API will also stitch destination address directly to the first page of the document. Depending on the value of `spSenderPrintedOnEnvelope` if it is `SP_YES` and `spAddressStitchedOnDocumentPrintedEnvelope` sender will be stitched on the document as well, and it will be also printed on the envelope. If its value is `SP_NO`, it won't be printed on document and it won't be printed on printed envelope. Default value of `spAddressStitchedOnDocumentPrintedEnvelope` is `SP_NO`. So if this parameter is omitted since it is optional, letter will be printed without sender and destination on its first page. This is a non-payed option.

If developer sets `spAddBarCodeToDocumentPrintedEnvelope` to `SP_YES`, or if omitted since it is optional but its default value is set to `SP_YES`, bar code will be added to the left corner to each or to each second page of document depending weather `RECTO` or `RECTO-VERSO` option is choosen in job parameter of `SP_RECTO`. (In old version it was always printed). Now developer has a choice: `SP_ENVELOPPE_PRINTED` set to `SP_NO` so it doesn't get printed. This is non-payed option.

## SP\_ENVELOPPE\_WINDOW

Window envelope means that Service Postal cannot print sender and destination on the envelope since it has windows, but Service Postal can add header page with sender and destination, or Service Postal can stitch sender and destination directly on document's first page. Stitched sender and destination is not payed extra, but there are situations in which it can damage letter (for example, if on the places where the address will be stitched, there is some content). Header page is an extra blank page added to the document.

`spAddBarCodeToDocumentPrintedEnvelope` is not applicable here since it is always printed, whatever is set in it, it will get printed because it is only an option for `SP_ENVELOPPE_PRINTED`.

`spAddBarCodeToDocumentPrintedEnvelope` not applicable for this option of printing.

Applicable parameters to this kind of printing mode:

- `spHeaderPageWindowEnvelope`
- `spSenderPrintedOnEnvelope`

When `spHeaderPageWindowEnvelope` is set to `SP_YES` header page with destination will be added to the document. Price is the same as `SP_ENVELOPPE_PRINTED`.

If `SP_NO` is set, the address will be stitched to the first page of document.

It is the same as `spHeaderPage` since Service Postal API always used windowed envelopes when packing.

In case `spSenderPrintedOnEnvelope` is set to `SP_NO`, whether it is automatically set to `SP_YES` if omitted, sender won't be printed on header page if `spHeaderPageWindowEnvelope` is set to `SP_YES`, or to document's first page if set to `SP_NO`.

So to cut this long story short, if `spPostalCode=12345` was in your code, you should set it to `spPostalCode="12345"`.

If you wish to keep exact same parameters as you had before for printing envelopes you should do it like this:

```
jobparam.spEnvelopePrintingMode = SP_EnvelopePrintingMode.SP_ENVELOPPE_WINDOW;  
jobparam.spHeaderPageWindowEnvelope = SP_YesNoEnum.SP_YES;  
(here you will put same value as before in spHeaderPage parameter)  
jobparam.spSenderPrintedOnEnvelope = SP_YesNoEnum.SP_YES;
```

If you wish to use new option with `SP_ENVELOPPE_PRINTED` you should do it like this:

```
jobparam.spEnvelopePrintingMode = SP_EnvelopePrintingMode.SP_ENVELOPPE_PRINTED;  
jobparam.spAddBarCodeToDocumentPrintedEnvelope = SP_YesNoEnum.SP_NO;  
(if you want bar code not to be printed on your document, if omit or SP_YES it will be printed )  
jobparam.spSenderPrintedOnEnvelope = SP_YesNoEnum.SP_NO;  
(if you don't want sender to be printed everywhere the address is printed: document and envelope, if omitted or set up as SP_YES it will be printed)  
jobparam.spAddressStitchedOnDocumentPrintedEnvelope = SP_YesNoEnum.SP_YES;  
(if you wish to have extra stitched address on your document first page, if omitted or set up to SP_NO, it won't get stitched).
```