



**Application Programming Interface (API)
at Speedpost System
for System Integration with e-Commerce Systems**

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1. Speedpost Web Services URL

Testing Site URL: <https://service.hongkongpost.hk/API-trial/services>

Production Site URL: <https://api.hongkongpost.hk/API/services>

***Only authorized IP addresses are allowed to access this URL**

2. Speedpost Web Services Overview

Web Services	Operations	Usage
SoazPosting	createSoazOrder	Create shipping record
	getSoazAddressPack	Download Shipping Label

3. Web Services Authentication

Authentication key is required to call Speedpost API. The credential is provided registered API users. Credential must be included in your request SOAP message as specified in API. Without this information, your API request will be rejected.

Parameter	Data Type	Length Constraint	Not Null?	Remark
USERNAME	TEXT	20	Yes	API Username
PASSWORD	TEXT	20	Yes	Credentials for reject unauthorized party to use the API. These credentials must be included in your code as specified in the Web Services technical documentation. Transactions without proper credentials will be rejected.

4. Speedpost Posting API

Location	(Testing Site) https://service.hongkongpost.hk/API-trial/services/SoazPosting?wsdl (Production Site) https://api.hongkongpost.hk/API/services/SoazPosting?wsdl
Target Namespace	http://webservice.integrator.hkpost.com
Protocol	SOAP
Default style	Document
Transport protocol	SOAP over HTTPS
Operations	1. createSoazOrder 2. getSoazAddressPack

5. Speedpost Posting API – Create Shipping Record

5.1 Request Details

Please read the following data description
(* Mandatory fields)

Parameter	Data Type	Length Constraint (byte)	Mandatory	Remark
soazUsername	TEXT	20	*	Soaz (My Speedpost) username
integratorUsername	TEXT	20	*	API username
Sender Information				
service	TEXT	10	*	Posting Service Option Appendix G
sendAddrTypeCode	TEXT	1	*	Sender's Address Type Option: Appendix A

sendAddress1	TEXT	35	#	Address of Sender Line1 <i>Mandatory and valid if sendAddrTypeCode = 1</i>
sendAddress2	TEXT	35		Address of Sender Line2 <i>Optional for sendAddrTypeCode = 1</i>
sendAddress3	TEXT	35		Address of Sender Line3 <i>Optional for sendAddrTypeCode = 1</i>
sendAddress4	TEXT	35		Address of Sender Line4 <i>Optional for sendAddrTypeCode = 1</i>
sendContactName	TEXT	50	*	Sender's Contant Name
sendEmail	TEXT	60		Sender's Email
sendFaxNo	TEXT	25		Sender's Fax Number
sendTelNo	TEXT	25	*	Sender's Telephone Number
Delivery Address Informtaion				
addresseeName	TEXT	35	*	Name of Addressee
addresseeCompanyNa me	TEXT	70		Company Name
addresseeAddr1	TEXT	35	*	Address of Addressee Line1
addresseeAddr2	TEXT	35		Address of Addressee Line2
addresseeAddr3	TEXT	35		Address of Addressee Line3
addresseeAddr4	TEXT	35		Address of Addressee Line4
addresseeCity	TEXT	35	*	City <i>For EC Post/ Economy Express</i> Appendix H1 <i>Others</i> Free Text
addresseePostalCode	TEXT	9	#	Postal Code <i>Mandatory for EC Post/ Economy Express</i>
addresseeCountry	TEXT	3	*	Destination Code Option: <i>For Speedpost Standard/ Multipack/ Freight</i> Appendix B1 <i>For Next Flight Out</i> Appendix B2 <i>For EC Post/ Economy Express</i> Appendix B4

addresseeEmail	TEXT	60		Email of Addressee
addresseeFaxNo	TEXT	25		Fax Number of Addressee
addresseeTelNo	TEXT	25		Telephone Number of Addressee
Insurance				
insurFlag	TEXT	1	*	Insurance Option: Y- Yes N- No
insurRPlanName	TEXT	1		Insurance Type Option: Appendix C
insurAmt	NUMBER	7		Insurance Amount
Product Information				
itemTypeCode	TEXT	1	*	Item Category Option Appendix D
itemDesc1	TEXT	60		1 st Product Content Details
itemQty1	NUMBER	5		1 st Product Quantity
itemWgt1	NUMBER	6		1 st Product Weight
itemCtyCode1	TEXT	2		1 st Product City Code Option Appendix B
itemValue1	NUMBER	7		1 st Product Value
itemHSCode1	NUMBER	7		1 st Product HKHS Code
itemCurrCode1	TEXT	3		Product Currency (Applied for all product) Option Appendix E
itemDesc2	TEXT	60		2 nd Product Content Details
itemQty2	NUMBER	5		2 nd Product Quantity
itemWgt2	NUMBER	6		2 nd Product Weight
itemCtyCode2	TEXT	2		2 nd Product City Code Option Appendix B
itemValue2	NUMBER	7		2 nd Product Value
itemHSCode2	NUMBER	7		2 nd Product HKHS Code
itemDesc3	TEXT	60		3 rd Product Content Details
itemQty3	NUMBER	5		3 rd Product Quantity
itemWgt3	NUMBER	6		3 rd Product Weight
itemCtyCode3	TEXT	2		3 rd Product City Code Option Appendix B
itemValue3	NUMBER	7		3 rd Product Value

itemHSCode3	NUMBER	7		3 rd Product HKHS Code
itemDesc4	TEXT	60		4 th Product Content Details
itemQty4	NUMBER	5		4 th Product Quantity
itemWgt4	NUMBER	6		4 th Product Weight
itemCtyCode4	TEXT	2		4 th Product City Code Option Appendix B
itemValue4	NUMBER	7		4 th Product Value
itemHSCode4	NUMBER	7		4 th Product HKHS Code
noCertInv	NUMBER	3		Number of Certificate and Invoice
CN23 Form				
cn23Flag	TEXT	1	*	Need to complete CN23 Form Option Y- Yes N- No
cn23ItemTypeCode	TEXT	1	#	Category of Item Option Appendix F <i>Mandatory if cn23Flag is Y</i>
cn23ItemTypeDesc	TEXT	30		Item Description (for category is other)
sendCustRef	TEXT	20		Sender's Customs Reference
impRef	TEXT	60		Importers Reference
impTelNo	TEXT	25		Importer's Telephone Number
impFaxNo	TEXT	25		Importer's Fax Number
impEmail	TEXT	60		Importer's Email Address
postalChrg	NUMBER	6		Postage Charge (HKD)
otherFee	NUMBER	6		Other fees
comment	TEXT	60		Comments (e.g.: goods subject to quarantine, sanitary / phytosanitary inspection or other restrictions)
noLicence	TEXT	20		Licence Number
noCert	TEXT	20		Certificate Number
noInv	TEXT	20		Invoice Number
Customer Order Reference (EC Post/ Economy Express Only)				
custOrdRef	TEXT	20		Customer Order Reference
Reference Online store website (EC Post Only)				
reqURL	TEXT	256	#	Online Store Website <i>Mandatory for EC Post</i>

5.2 Response Details

Parameter	Data Type	Remark
itemNo	TEXT	
status	NUMBER	200 : success 9998 : invalid input 9999: general exception
errMessage	TEXT	Error Message

6. Speedpost Posting API – Download Shipping Label

6.1 Request Details

Parameter	Data Type	Length Constraint	Mandatory	Remark
soazUsername	TEXT	20	*	Soaz (My Speedpost) username
integratorUsername	TEXT	20	*	API username
itemNo	TEXT	13	*	Item No
printMode	TEXT	1		A: A4 size address pack
cn23NoOfCopy	NUMBER	1		No. of Copy, default is 0, max 9
cn22NoOfCopy	NUMBER	1		No. of Copy, default is 0, max 9
signature	TEXT	30		Signature of the sender
createDate	TEXT	10		Creation date Format: dd-MM-yyyy

6.2 Response Details

Parameter	Data Type	Remark
status	NUMBER	0: Success -1: Failed 9998 : invalid input 9999: general exception
errMessage	TEXT	Error Messages
ap	base64Binary	PDF file as byte format

7. API Call Limit

To maintain a high level of availability and provide superior quality of service, Limitation the API call usage for API user as follows. The limits on the total calls are subjected to change, depends on actual usage of API user.

API Daily Call Limit

Posting API - 10,000

8. Appendix

Appendix A – Sender Address

Code	English Name	Chinese Name
P	Pick-up Address	收件地址
B	Billing Address	帳單地址
I	Input Address	自定義地址

Appendix B1 – Destination Code (Speedpost Standard/ MultiPack/ Freight)

Code	English Name	Chinese Name
AF	AFGHANISTAN	阿富汗
AL	ALBANIA	阿爾巴尼亞
DZ	ALGERIA	阿爾及利亞
AD	ANDORRA	安道爾
AO	ANGOLA	安哥拉
AI	ANGUILLA	安圭拉島
AG	ANTIGUA	安提瓜
AR	ARGENTINA	阿根廷
AM	ARMENIA	亞美利亞
AW	ARUBA	阿魯巴
AU	AUSTRALIA	澳大利亞(澳洲)
AT	AUSTRIA	奧地利
AZ	AZERBAIJAN	亞塞拜疆
BS	BAHAMAS	巴哈馬
BH	BAHRAIN	巴林
BD	BANGLADESH	孟加拉
BB	BARBADOS	巴巴多斯

BY	BELARUS	白俄羅斯
BE	BELGIUM	比利時
BZ	BELIZE	伯利茲
BJ	BENIN	貝寧
BM	BERMUDA	百慕達
BT	BHUTAN	不丹
BO	BOLIVIA	玻利維亞
BA	BOSNIA AND HERZEGOVINA	波斯尼亞-黑塞哥維那
BW	BOTSWANA	博茨瓦納
BR	BRAZIL	巴西
BN	BRUNEI DARUSSALAM	文萊
BG	BULGARIA	保加利亞
BF	BURKINA FASO	布基納法索
BI	BURUNDI	布隆迪
KH	CAMBODIA	柬埔寨
CM	CAMEROON	喀麥隆
CA	CANADA	加拿大
CV	CAPE VERDE	佛得角
FM	CAROLINE ISLANDS (MICRONESIA)	加羅林群島 (密克羅尼西亞)
PW	CAROLINE ISLANDS(PALAU)	加羅林群島(帕勞)
KY	CAYMAN ISLANDS	開曼群島
CF	CENTRAL AFRICA REPUBLIC	中非共和國
TD	CHAD	乍得
CL	CHILE	智利
CN	CHINA	中國內地
CO	COLOMBIA	哥倫比亞
CG	CONGO (REPUBLIC OF)	剛果
CD	CONGO(DEM. REP. OF THE)	剛果(民主共和國)
CR	COSTA RICA	哥斯達黎加

CI	COTE D'IVOIRE(IVORY COAST)	科特迪瓦(象牙海岸)
HR	CROATIA	克羅地亞
CU	CUBA	古巴
CY	CYPRUS	塞浦路斯
CZ	CZECH REPUBLIC	捷克
DK	DENMARK	丹麥
DJ	DJIBOUTI	吉布提
DM	DOMINICA	多明尼加
DO	DOMINICAN REPUBLIC	多米尼加共和國
TP	EAST TIMOR	東帝汶
EC	ECUADOR	厄瓜多爾
EG	EGYPT	埃及
SV	EL SALVADOR	薩爾瓦多
GQ	EQUATORIAL GUINEA(REPUBLIC OF)	赤道幾內亞
ER	ERITREA	厄立特里亞
EE	ESTONIA(REPUBLIC OF)	愛沙尼亞
ET	ETHIOPIA	埃塞俄比亞
FO	FAROE ISLANDS	法羅群島
FJ	FIJI	斐濟
FI	FINLAND	芬蘭
FR	FRANCE	法國
GF	FRENCH GUIANA	法屬圭亞那
PF	FRENCH POLYNESIA	法屬波利尼西亞
GA	GABON	加蓬
GM	GAMBIA	岡比亞
XE	GAZA AND KHAN YUNIS	加沙及汗尤尼斯
GE	GEORGIA (REPUBLIC OF)	格魯吉亞
DE	GERMANY	德國
GH	GHANA	加納

GI	GIBRALTAR	直布羅陀
GB	GREAT BRITAIN	英國
GR	GREECE	希臘
GL	GREENLAND	格陵蘭
GD	GRENADA	格林納達
GP	GUADELOUPE	瓜德羅普島
GU	GUAM	關島
GT	GUATEMALA	危地馬拉
GN	GUINEA (REPUBLIC OF)	幾內亞
GW	GUINEA BISSAU (REPUBLIC OF)	幾內亞比紹
GY	GUYANA	圭亞那
HT	HAITI	海地
HN	HONDURAS (REPUBLIC OF)	洪都拉斯
HU	HUNGARY	匈牙利
IS	ICELAND	冰島
IN	INDIA	印度
ID	INDONESIA	印度尼西亞
IR	IRAN	伊朗
IQ	IRAQ	伊拉克
IE	IRELAND	愛爾蘭
IL	ISRAEL	以色列
IT	ITALY	意大利
JM	JAMAICA	牙買加
JP	JAPAN	日本
JO	JORDAN	約旦
KZ	KAZAKHSTAN	哈薩克
KE	KENYA	肯尼亞
KI	KIRIBATI	基里巴斯
KP	KOREA,NORTH	北韓

KR	KOREA,SOUTH	南韓
KW	KUWAIT	科威特
KG	KYRGYZSTAN	吉爾吉斯
LA	LAO PDR	老撾
LV	LATVIA	拉脫維亞
LB	LEBANON	黎巴嫩
LS	LESOTHO	萊索托
LR	LIBERIA	利比里亞
LY	LIBYA	利比亞
LI	LIECHTENSTEIN	列支敦士登
LT	LITHUANIA (REPUBLIC OF)	立陶宛
LU	LUXEMBOURG	盧森堡
MO	MACAU	澳門
MK	MACEDONIA	馬其頓
MG	MADAGASCAR (DEM. REP. OF)	馬達加斯加
MW	MALAWI	馬拉維
MY	MALAYSIA	馬來西亞
MV	MALDIVES (REPUBLIC OF)	馬爾代夫
ML	MALI	馬里
MT	MALTA	馬爾他
MP	MARIANA ISLANDS (NORTHERN)	馬里亞納群島(北)
MH	MARSHALL ISLANDS	馬紹爾群島
MQ	MARTINIQUE	馬提尼克島
MR	MAURITANIA	毛里塔尼亞
MU	MAURITIUS	毛里求斯
MX	MEXICO	墨西哥
MD	MOLDOVA (REPUBLIC OF)	摩爾多瓦
MC	MONACO	摩納哥
MN	MONGOLIA	蒙古

ME	MONTENEGRO (REP. OF)	黑山共和國
MS	MONTERRAT	蒙特塞拉特
MA	MOROCCO	摩洛哥
MZ	MOZAMBIQUE	莫桑比克
MM	MYANMAR (UNION OF)	緬甸
NA	NAMIBIA	納米比亞
NR	NAURU ISLANDS	瑙魯群島
NP	NEPAL	尼泊爾
NL	NETHERLANDS	荷蘭
AN	NETHERLANDS ANTILLES	荷屬安的列斯
NC	NEW CALEDONIA	新喀里多尼亞
NZ	NEW ZEALAND	新西蘭
XL	NEW ZEALAND ISLANDS TERRITORIES(COOK ISL	新西蘭屬土島嶼(庫克群島)
NI	NICARAGUA	尼加拉瓜
NE	NIGER REPUBLIC	尼日爾
NG	NIGERIA	尼日利亞
NF	NORFOLK ISLANDS	諾福克島
NO	NORWAY	挪威
OM	OMAN,SULTANATE OF	阿曼
PK	PAKISTAN	巴基斯坦
PA	PANAMA (REPUBLIC OF)	巴拿馬
PG	PAPUA NEW GUINEA	巴布亞新畿內亞
PY	PARAGUAY	巴拉圭
PE	PERU	秘魯
PH	PHILIPPINES	菲律賓
PL	POLAND	波蘭
PT	PORTUGAL	葡萄牙
PR	PUERTO RICO	波多黎各

QA	QATAR (STATE OF)	卡塔爾
RE	REUNION	留尼汪島
RO	ROMANIA	羅馬尼亞
RU	RUSSIA (RUSSIAN FEDERATION)	俄羅斯 (俄羅斯聯邦)
RW	RWANDA	盧旺達
AS	SAMOA (USA TERRITORY)	薩摩亞 (美國屬土)
SM	SAN MARINO	聖馬力諾
ST	SAO TOME AND PRINCIPE (REPUBLIC OF)	聖多美及普林西比
SA	SAUDI ARABIA	沙地阿拉伯
SN	SENEGAL	塞內加爾
RS	SERBIA (REP. OF)	塞爾維亞共和國
SC	SEYCHELLES	塞舌爾
SL	SIERRA LEONE	塞拉利昂
SG	SINGAPORE	新加坡
SK	SLOVAK REPUBLIC (SLOVAKIA)	斯洛伐克 (共和國)
SI	SLOVENIA (REPUBLIC OF)	斯洛文尼亞
SB	SOLOMON ISLANDS	所羅門群島
ZA	SOUTH AFRICA (REPUBLIC OF)	南非
ES	SPAIN	西班牙
LK	SRI LANKA (REPUBLIC OF)	斯里蘭卡
KN	ST.CHRISTOPHER(ST.KITTS) AND NEVIS	聖克里斯托佛島及尼維斯島
LC	ST.LUCIA	聖盧西亞
VC	ST.VINCENT	聖文森特
SD	SUDAN	蘇丹
SR	SURINAME (REPUBLIC OF)	蘇里南
SZ	SWAZILAND	斯威士蘭
SE	SWEDEN	瑞典
CH	SWITZERLAND	瑞士

SY	SYRIAN ARAB REPUBLIC (SYRIA)	阿拉伯敘利亞共和國 (敘利亞)
TW	TAIWAN	台灣
TJ	TAJIKISTAN (REPUBLIC OF)	塔吉克
TZ	TANZANIA	坦桑尼亞
TH	THAILAND	泰國
TG	TOGO	多哥
TO	TONGA	湯加
VG	TORTOLA (BRITISH VIRGIN ISLANDS)	托爾托拉島(英屬處女島)
TT	TRINIDAD AND TOBAGO (REPUBLIC OF)	千里達和多巴哥
TN	TUNISIA	突尼斯
TR	TURKEY	土耳其
TM	TURKMENISTAN	土庫曼
TC	TURKS AND CAICOS ISLANDS	特克斯和凱科斯群島
TV	TUVALU	圖瓦盧
UG	UGANDA	烏干達
UA	UKRAINE	烏克蘭
AE	UNITED ARAB EMIRATES	阿拉伯聯合酋長國
US	UNITED STATES OF AMERICA	美國
UY	URUGUAY	烏拉圭
UZ	UZBEKISTAN (REPUBLIC OF)	烏茲別克
VU	VANUATU (THE REPUBLIC OF)	瓦努阿圖
VE	VENEZUELA	委內瑞拉
VN	VIETNAM	越南
VI	VIRGIN ISLANDS OF THE USA	美屬處女群島
WS	WESTERN SAMOA	西薩摩亞
YE	YEMEN(REPUBLIC OF)	也門
ZM	ZAMBIA	贊比亞
ZW	ZIMBABWE	津巴布韋

Appendix B2 – Destination Code (Next Flight Out)

Code	English Name	Chinese Name
FR	France	法國
GB	Great Britain	英國
MY	Malaysia	馬來西亞
NL	Netherlands	荷蘭
PH	Philippines	菲律賓
SG	Singapore	新加坡
TW	Taiwan	台灣

Appendix B4 – Destination Code (Economy Express/ EC Post)

Code	English Name	Chinese Name
CN	China	中國內地

Appendix C – Insurance Service Code

Code	English Name	Chinese Name
0	General Items	一般物品
1	Watches, mobile phones, cameras and accessories	手錶、手提電話、相機及配件

Appendix D – Item Type Code

Code	English Name	Chinese Name
D	Document	文件

M	Merchandise	商品
S	Sample	樣本
G	Gift	禮物

Appendix E – Currency

Code	English Name	Chinese Name
EUR	EURO	歐羅
HKD	HK Dollar	港幣
JPY	Japan Yen	日圓
MOP	MACAU PATACA	澳門圓
CNY	Yuan Renminbi	人民幣
GBP	Pound	英鎊
USD	US Dollar	美元
SGD	Singapore Dollar	新加坡元
TWD	New Taiwan dollar	新臺幣
AUD	Australian Dollar	澳元
CAD	Canadian Dollar	加元
KRW	Korean Won	韓圓

Appendix F – CN23 Item Type Code

Code	English Name	Chinese Name
G	Gift	禮物
D	Documents	文件
S	Commercial Sample	商業樣本
R	Returned Goods	退回貨品
O	Other	其它

Appendix G – Posting Services

Code	English Name	Chinese Name
SPT_STD	Speedpost Standard	標準服務
SPT_MPB	Speedpost MultiPack	萬用箱服務
SPT_FRE	Speedpost Freight	貨運服務
SPT_NFO	Speedpost Next Flight Out	瞬時達服務
SPT_ECON	Speedpost Economy Express	經濟快遞服務
SPT_ECPOST	Speedpost EC Post	E 郵寶服務

Appendix H1 – Addressee City (For EC Post/ Economy Express Only)

Code	English Name	Chinese Name
BEIJING	BEIJING	北京
CHONGQING	CHONGQING	重慶
FUJIAN	FUJIAN	福建
GUANGDONG	GUANGDONG	廣東
SHANDONG	SHANDONG	山東
SHANGHAI	SHANGHAI	上海
SICHUAN	SICHUAN	四川
TIANJIN	TIANJIN	天津
ZHEJIANG	ZHEJIANG	浙江