

New Billing Project

SMC Postpaid New Activation Interface API Specifications

CONTENTS

OBJECTIVES	3
ICP POSTPAID NEW ACTIVATION API SPECIFICATIONS	3
1. <i>Customer ID Existence.....</i>	<i>3</i>
2. <i>Create Customer and Subscriber</i>	<i>5</i>

Objectives

This document is to provide the APIs of new activation for the new billing project.

ICP Postpaid New Activation API Specifications

1. Customer ID Existence

Purpose

To check the existence of the input idbr in ICP system.

Interface Details

Production Endpoints: TBC

System	Endpoint (UAT)
UAT	https://crm-uat.smartone.com/api/customer
TYK	https://tykapi-u.hksmartone.com/icp/customer

API: /custIdExist

Type: REST

Method: POST

Add Key to HTTP Request Header for TYK API:

Name	Auth_ID
Value	eyJvcmdiOiI2NGY2Y2I1ZmFiYzRhYWI4MGNIWDE1NTUiLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkIiwiaCI6Im11cm11cjY0In0=

Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
requesterId	String	API Requester Identity		Mandatory
idbr	String	IDBR		Mandatory Encrypt
idTypeCode	String	ID Type	I/ P/ B/ S etc	Mandatory for crtInd = Y
createInd	String	Create custId indicator	Y – create custId if not found in ICP N / empty – no action	Optional

Sample Request

```

Check if the customer ID exists
{
    "requesterId": "ChanMan",
    "idbr": "23sdfssdfsdfwe23", -- encrypted
    "crtInd": ""
}
Check if the customer ID exists, if not exist, create new customer ID
{
    "requesterId": "ChanMan",
    "idbr": "u7sdfssdfsdfwe98", -- encrypted
    "idTypeCode": "I",
    "createInd": "Y"
}

```

Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Return Result	0 or above – Success <0 – failed	
resultMsg	String	Return Error Code		
isExist	String	The customer ID exists in ICP	0 – exist 1 – not exist	
custId	String	Customer identity		

Success response

```

Customer ID exists in ICP
{
    "resultCode": "0",
    "resultMsg": "SUCCESS",
    "isExist": "0",
    "custId": "32323"
}

Customer ID does not exist in ICP, and create new customer ID
{
    "resultCode": "0",
    "resultMsg": "SUCCESS",
    "isExist": "0",
    "custId": "852245"
}

```

Fail response

```

Provided custNum already existed in ICP system
{
    "resultCode": "-1",
    "resultMsg": "Invalid input parameters"
}

```

2. Create Customer and Subscriber

Purpose

To create the subscriber profile and service details for SMC customer to be called by OM.

Interface Details

Production Endpoints: TBC

System	Endpoint (UAT)
UAT	https://crm-uat.smartone.com/api/customer
TYK	https://tykapi-u.hksmartone.com/icp/customer

API: /createCustSubr

Type: REST

Method: POST

Add Key to HTTP Request Header for TYK API:

Name	Auth_ID
Value	eyJvcmdiOiI2NGY2Y2I1ZmFiYzRhYWUi4MGNIzDE1NTUiLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFIM2ZiMWUyNGJlMDAyN2FkliwiaCI6Im11cm11cjY0In0=

Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
requesterId	String	API Requester Identity		Mandatory
refNum	String	Reference number e.g. OM order ID		Optional
custId	String	Customer Identity		Optional
parallelRun	String	parallelRun indicator to determine the state of the workflow	<u>Postpaid parallel run</u> = <u>Value of 1st character</u> 0 – existing system 1/null – new billing	Optional
createType	String	Create Type	C – create customer only S – create subscriber only A – create customer & subscriber	Mandatory
Customer Account Info				
cust	String	Customer Account Details		Mandatory for new Account
cust -> custNum	String	Customer Number		Mandatory
cust -> custTypeCode	String	Customer Type Code	BUSI / PERS	Optional
cust -> caCode	String	Collection Agency		Optional
cust -> divertCode	String	Divert Code		Optional
cust -> billDay	String	Bill day for account		Optional
cust -> paymentMethod	String	Payment Method	CASH/CARD/BANK	Optional
cust -> paymentMethodId	String	Payment Method ID	1 / 11	Optional
cust -> paymentMethodDesc	String	Payment Method Description	PMT :Cash - Cash & cheque	Optional
cust -> cardPrefix	String	Credit Card Prefix		Optional Mandatory for CARD
cust -> email	String	Owner Contact Email		Optional Encrypt sensitive data
cust -> commLangCode	String	Owner Preferred Language	C / E / M / I / P	Optional
cust -> custTitle	String	Owner Customer Title	Mr / Ms / Mrs	Optional
cust -> lastName	String	Owner Last Name		Optional Encrypt sensitive data
cust -> firstName	String	Owner First Name		Optional Encrypt sensitive data
cust -> lastNameChi	String	Owner Last Name (Chi)		Optional Encrypt sensitive data
cust -> firstNameChi	String	Owner First Name (Chi)		Optional Encrypt sensitive data
cust -> lastNameChiCode	String	Owner Last Name Chinese code		Optional
cust -> firstNameChiCode	String	Owner First Name Chinese code		Optional

cust -> gender	String	Owner Gender	F/ M/ Corp	Optional
cust -> birth	String	Owner Date of Birth	YYYY-MM-DD	Optional Encrypt sensitive data
cust -> idTypeCode	String	Owner ID Type	I/ P/ B/ S etc	Optional
cust -> idbr	String	Owner IDBR		Optional Encrypt sensitive data
cust -> idbrFull	String	Owner IDBR in Full		Optional Encrypt sensitive data
cust -> seriesOfSymbol	String	Owner HKID's Series Of Symbol		Optional
cust -> contactNum	String	Owner Contact No		Optional
cust -> contactNum2	String	Owner Evening Contact No		Optional
cust -> contactPerson	String	Owner Contact Person		Optional
cust -> faxNum	String	Owner Fax No		Optional
cust -> attention	String	Owner Attention		Optional
cust -> nationality	String	Owner Nationality	CHINA/ JAPAN etc	Optional
cust -> companyName	String	Owner Company		Optional
cust -> position	String	Owner Position		Optional
cust -> industryCode	String	Owner Industry Code		Optional
cust -> printTag	String	Print Tag		Optional
cust -> receiveSmcCommFlag	String	Receive SMC communication Customerattributes.indicators(2,1)		Optional
cust -> listenFlag	String	Ivr roadcast unused minutes Customerattributes.indicators(3,1)		Optional
cust -> billEmailRejectFlag	String	Whether Reject Bill Email Customerattributes.indicators(5,1)		Optional
cust -> reqSmcPinFlag	String	Request SMC PIN Customerattributes.indicators(6,1)		Optional
cust -> loginNowInd	String	LoginNow Indicator	Y/N	Optional
cust -> billAddr	Json Object	Billing address (Owner)		Optional
billAddr -> addressNature	String	Address Nature	R – Residential C - Commerical	Optional
billAddr -> flat	String	Billing Address		Optional
billAddr -> flatDesc	String	Billing Address		Optional
billAddr -> floor	String	Billing Address		Optional
billAddr -> floorDesc	String	Billing Address		Optional
billAddr -> block	String	Billing Address		Optional
billAddr -> blockDesc	String	Billing Address		Optional
billAddr -> building	String	Billing Address		Optional
billAddr -> estate	String	Billing Address		Optional
billAddr -> streetNo	String	Billing Address		Optional
billAddr -> street	String	Billing Address		Optional
billAddr -> lot	String	Billing Address		Optional
billAddr -> district	String	Billing Address		Mandatory
billAddr -> area	String	Billing Address		Mandatory
billAddr -> flatChi	String	Billing Address		Optional
billAddr -> flatDescChi	String	Billing Address		Optional
billAddr -> floorChi	String	Billing Address		Optional
billAddr -> floorDescChi	String	Billing Address		Optional
billAddr -> blockChi	String	Billing Address		Optional
billAddr -> blockDescChi	String	Billing Address		Optional

billAddr -> buildingChi	String	Billing Address		Optional
billAddr -> estateChi	String	Billing Address		Optional
billAddr -> streetNoChi	String	Billing Address		Optional
billAddr -> streetChi	String	Billing Address		Optional
billAddr -> lotChi	String	Billing Address		Optional
billAddr -> districtChi	String	Billing Address		Mandatory
billAddr -> areaChi	String	Billing Address		Mandatory
billAddr -> addrLine1	String	Billing Address Line1		Mandatory Encrypt sensitive data
billAddr -> addrLine2	String	Billing Address Line2		Encrypt sensitive data
billAddr -> addrLine1Chi	String	Billing Address Line1		Mandatory Encrypt sensitive data
billAddr -> addrLine2Chi	String	Billing Address Line2		Encrypt sensitive data
billAddr -> xCoordinate	String	X-Coordinate		Optional
billAddr -> yCoordinate	String	Y-Coordinate		Optional
billAddr -> addressCode	String	Address Code		Optional
billAddr -> longitude	String	Longitude		Optional
billAddr -> latitude	String	Latitude		Optional
billAddr -> buildingId	String	Building ID		Optional
cust -> payInfo	Json Object	Masked Payment Method Details		Optional Mandatory for CARD and BANK
payInfo -> bankAcHolder	String	Bank Account Info		Optional
payInfo -> bankAcNum	String	Bank Account Info		Optional
payInfo -> bankCode	String	Bank Account Info	024	Optional
payInfo -> debtorldType1	String	Bank Account Info	I/ P/ B/ GOVT etc	Optional
payInfo -> debtorld1	String	Bank Account Info		Optional
payInfo -> debtorldType2	String	Bank Account Info	I/ P/ B/ GOVT etc	Optional
payInfo -> debtorld2	String	Bank Account Info		Optional
payInfo -> debitLimit	String	Bank Account Info		Optional
payInfo -> bankBranchNum	String	Bank Account Info		Optional
payInfo -> cardNum	String	Card Info		Optional
payInfo -> cardHolder	String	Card Info		Optional
payInfo -> cclssueBank	String	Card Info	011	Optional
payInfo -> expiryDate	String	Card Info	Format: YYYY-MM	Optional
payInfo -> ccldtypeCode	String	Card Info		Optional
payInfo -> ccOwnerldHkid	String	Card Info		Optional
Subscriber Info				
subrList	Json Object Array	Subscriber Details		Mandatory
subrList -> custNum	String	Customer Number	01234567	Mandatory
subrList -> subrNum	String	Subscriber Number	91234567	Mandatory
subrList -> accountNum	String	Account Number	01234567.00001	Mandatory
subrList -> salesPersonCode	String	Salesman Code		Optional
subrList -> portfolioId	String	Portfolio ID Reference EPC Sales	M / IDD	Optional
subrList -> lineCategory	String	Line Category	M / IDD	Mandatory
subrList -> portInInd	String	Port-in Indicator	MNP	Optional

			INP – porting from Birdies, MVNO, Prepaid	
subrList -> portInSource	String	Port-In Source	Prepaid MVNO-HKBN MNVO-Birdies	Mandatory for portInInd = INP
subrList -> dno	String	DNO		Optional
subrList -> buyoutNum	String	Buyout Number		Optional
subrList -> subrOnDate	String	Activated date / Pend activated date	YYYY-MM-DD HH24:MI:SS	Mandatory
subrList -> subrStatus	String	Subscriber Status	PE/OK	Mandatory
subrList -> accountStatus	String	Account Status	PE/OK	Mandatory
subrList -> seb	String	SEB	Y or Null	Optional
subrList -> parentType	String	Family, AddOn, TagOn	ADDON_VOICE ADDON_AWP FBB_HOMETEL etc	Optional
subrList -> parentCustNum	String	Parent Customer Number		Mandatory for parentType is not null
subrList -> parentSubrNum	String	Parent subscriber Number		Mandatory for parentType is not null
subrList -> parentAcctNum	String	Parent account Number		Mandatory for parentType is not null
subrList-> childTopupAllowed	String	Indicator to the child line that allows to topup	Y – allow topup	Optional
subrList -> imei	String	IMEI		Optional
subrList -> imsi	String	IMSI of subscriber		Mandatory
subrList -> sim	String	SIM of subscriber		Mandatory
subrList -> ratePlan	String	Rate Plan		Mandatory
subrList -> dealerCode	String	Dealer Code		Optional
subrList -> splitCharge	String	Split charge for some BM customer, not all	Y – has split charge	Optional
subrList -> dsDIcode	String	Direct Sales – Location Code		Optional (Applicable for direct sales only)
subrList -> dsSaDate	String	Direct Sales – Sales Agreement Date		Optional (Applicable for direct sales only)
subrList -> primaryLine	String	Primary Line	Y – Owner Null – Others, e.g Owner Other User Non-authorized User	Optional
subrList -> subrRole	String	Subscriber Role	Owner Owner Other Use Authorized USER Non-authorized User	Optional
subrList -> loginNowAuth	String	LoginNow Authorized	Y/P/N	Mandatory
subrList -> weChatId	String	weChat Number	12345678	Optional
subrList -> shkRegMobile	String	SHK Register Mobile	98123456	Optional

subrList -> userId	String	User Id - Staff ID for SMC support phone	99456	Optional
subrList -> userName	String	UserName – Staff Name for SMC support phone	98123456	Optional
subrList -> contactOwnerComm	String	Whether contact owner for retention communication	Y – opt-in N – opt-out	
subrList -> mgmReferrerCode	String	MGM Referrer Code	91234888	Optional Mandatory for MGM offer
subrList -> mgmReferrerCustNum	String	MGM Referrer Customer Number	81234567	Optional
subrList -> mgmReferrerSubrNum	String	MGM Referrer Subscriber Number	34234567	Optional For HPP case, MGM referrer code is mobile contact no
subrList -> mgmReferrerAccountNum	String	MGM Referrer Account Number	81234567.00001	Optional
subrList -> email	String	User Contact Email		Optional Encrypt sensitive data
subrList -> commLangCode	String	User Preferred Language	C / E	Mandatory
subrList -> topupEmail	String	Top-up email in subscriber level		Encrypted
subrList -> receiveTopupEmailFlag	String	Receive top-up email	Y/N	
subrList -> custTitle	String	User Title For owner = user, set user = owner detail	Mr / Ms / Mrs	Optional
subrList -> lastName	String	User Last Name		Optional Encrypt sensitive data
subrList -> firstName	String	User First Name		Optional Encrypt sensitive data
subrList -> lastNameChi	String	User Last Name (Chi)		Optional Encrypt sensitive data
subrList -> firstNameChi	String	User First Name (Chi)		Optional Encrypt sensitive data
subrList -> lastNameChiCode	String	User Last Name Chinese code		Optional
subrList -> firstNameChiCode	String	User First Name Chinese code		Optional
subrList -> gender	String	User Gender	F/ M/ Corp	Optional
subrList -> birth	String	User Date of Birth	YYYY-MM-DD	Optional Encrypt sensitive data
subrList -> idTypeCode	String	User ID Type	I/ P/ B/ S etc	Optional
subrList -> idbr	String	User IDBR		Optional Encrypt sensitive data

subrList -> idbrFull	String	User IDBR in Full		Optional Encrypt sensitive data
subrList -> seriesOfSymbol	String	User HKID's Series Of Symbol		Optional
subrList -> contactNum	String	User Contact No		Optional
subrList -> contactNum2	String	User Evening Contact No		Optional
subrList -> contactPerson	String	User Contact Person		Optional
subrList -> faxNum	String	User Fax No		Optional
subrList -> attention	String	User Attention		Optional
subrList -> nationality	String	User Nationality	CHINA/ JAPAN etc	Optional
subrList -> companyName	String	User Company		Optional
subrList -> position	String	User Position		Optional
subrList -> industryCode	String	User Industry Code		Optional
subrList -> contactAddr	Json Object	Contact (Register) Address		Mandatory
contactAddr -> addressNature	String	Address Nature	R – Residential C - Commercial	Optional
contactAddr -> flatDesc	String	Register Address		Optional
contactAddr -> floor	String	Register Address		Optional
contactAddr -> floorDesc	String	Register Address		Optional
contactAddr -> block	String	Register Address		Optional
contactAddr -> blockDesc	String	Register Address		Optional
contactAddr -> building	String	Register Address		Optional
contactAddr -> estate	String	Register Address		Optional
contactAddr -> streetNo	String	Register Address		Optional
contactAddr -> street	String	Register Address		Optional
contactAddr -> lot	String	Register Address		Optional
contactAddr -> district	String	Register Address		Mandatory
contactAddr -> area	String	Register Address		Mandatory
contactAddr -> flatChi	String	Register Address		Optional
contactAddr -> flatDescChi	String	Register Address		Optional
contactAddr -> floorChi	String	Register Address		Optional
contactAddr -> floorDescChi	String	Register Address		Optional
contactAddr -> blockChi	String	Register Address		Optional
contactAddr -> blockDescChi	String	Register Address		Optional
contactAddr -> buildingChi	String	Register Address		Optional
contactAddr -> estateChi	String	Register Address		Optional
cpntactAddr -> streetNoChi	String	Register Address		Optional
contactAddr -> streetChi	String	Register Address		Optional
contactAddr -> lotChi	String	Register Address		Optional
contactAddr -> districtChi	String	Register Address		Mandatory
contactAddr -> areaChi	String	Register Address		Mandatory
contactAddr -> addrLine1	String	Register Address Line1		Mandatory Encrypt sensitive data
contactAddr -> addrLine2	String	Register Address Line2		Optional Encrypt sensitive data
contactAddr -> addrLine1Chi	String	Register Address Line1		Mandatory Encrypt sensitive data

contactAddr -> addrLine2Chi	String	Register Address Line2		Optional Encrypt sensitive data
contactAddr -> xCoordinate	String	X-Coordinate		Optional
contactAddr -> yCoordinate	String	Y-Coordinate		Optional
contactAddr -> addressCode	String	Address Code		Optional
contactAddr -> longitude	String	Longitude		Optional
contactAddr -> latitude	String	Latitude		Optional
contactAddr -> buildingId	String	Building ID		Optional
Communication Channel (opt in/out flag)				
subrList -> commChannel	Json Object	Communication Opt-In/Out		Mandatory
commChannel -> POLICE	String	The 2nd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> DO-NOT-DISTURB	String	The 3 rd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> CS-SURVEY	String	The 4th position of comm channel string	Y – opt-In N – opt-out	Mandatory (Still in UAT progress)
commChannel -> SMC-PLUS	String	The 5 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> 1638-SUB	String	The 6th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> SMC-PIN	String	The 7th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> DIR-ENQ	String	The 8th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> SMC-COMM	String	The 9th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> DATA-RAT	String	The 10 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> TELE-CALL	String	The 12 nd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> D-MAIL	String	The 13rd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> USE-MIN	String	The 14 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> SPEC-E	String	The 15 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> SPEC-S	String	The 16 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> SPEC-W	String	The 17 th position of comm channel string	Y – opt-In N – opt-out	Mandatory (Still in UAT progress)
commChannel -> NEWS-E	String	The 19 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> NEWS-S	String	The 20 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> NEWS-W	String	The 21 st position of comm channel string	Y – opt-In N – opt-out	Mandatory (Still in UAT progress)

commChannel -> FUN-E	String	The 23rd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> FUN-S	String	The 24th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> FUN-W	String	The 25th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> COMM-E	String	The 27th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> COMM-S	String	The 28th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> COMM-W	String	The 29th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> RET-E	String	The 31 st position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> RET-S	String	The 32 nd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> RET-W	String	The 33rd position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> ST-STYLE	String	The 35 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> WSM-SERV	String	The 36 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> WSM-PROM	String	The 37 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
commChannel -> SMC-CARE	String	The 40 th position of comm channel string	Y – opt-In N – opt-out	Mandatory
Corporate Attributes				
subrList -> corpAttr	Json Object	Corporate Attribute		Optional
corpAttr -> attr01	String	Corporate Attributes		Optional
corpAttr -> attr02	String	Corporate Attributes		Optional
corpAttr -> attr03	String	Corporate Attributes		Optional
corpAttr -> attr04	String	Corporate Attributes		Optional
corpAttr -> attr05	String	Corporate Attributes		Optional
corpAttr -> attr06	String	Corporate Attributes		Optional
corpAttr -> attr07	String	Corporate Attributes		Optional
corpAttr -> attr08	String	Corporate Attributes		Optional
corpAttr -> attr09	String	Corporate Attributes		Optional
corpAttr -> attr10	String	Corporate Attributes		Optional
corpAttr -> attr11	String	Corporate Attributes		Optional
corpAttr -> attr12	String	Corporate Attributes		Optional
corpAttr -> attr13	String	Corporate Attributes		Optional
corpAttr -> attr14	String	Corporate Attributes		Optional
corpAttr -> attr15	String	Corporate Attributes		Optional
corpAttr -> attr16	String	Corporate Attributes		Optional
corpAttr -> attr17	String	Corporate Attributes		Optional
corpAttr -> attr18	String	Corporate Attributes		Optional
corpAttr -> attr19	String	Corporate Attributes		Optional
corpAttr -> attr20	String	Corporate Attributes		Optional
corpAttr -> attr21	String	Corporate Attributes		Optional
corpAttr -> attr22	String	Corporate Attributes		Optional
corpAttr -> attr23	String	Corporate Attributes		Optional
corpAttr -> attr24	String	Corporate Attributes		Optional

Guarantor Information				
subrList -> guarantor	Json Object	Guarantor Details		Optional
guarantor -> guarantorStartDate	String	Guarantor Start Date	YYYY-MM-DD	
guarantor -> guarantorExpiryDate	String	Guarantor Expiry Date	YYYY-MM-DD	
guarantor -> gContact	Json Object	Guarantor Contact		Optional
gContact -> custTitle	String	Guarantor Title		Optional
gContact -> lastName	String	Guarantor Last Name		Optional Encrypt sensitive data
gContact -> firstName	String	Guarantor First Name		Optional Encrypt sensitive data
gContact -> fullName	String	Guarantor Full Name		Mandatory Encrypt sensitive data
gContact -> gender	String	Guarantor Gender	F/ M/ Corp	Mandatory
gContact -> birth	String	Guarantor Birth	YYYY-MM-DD	Mandatory Encrypt sensitive data
gContact -> idTypeCode	String	Guarantor ID Type	I/ P/ B/ GOVT etc	Optional
gContact -> idbr	String	Guarantor IDBR		Mandatory Encrypt sensitive data
gContact -> idbrFull	String	Guarantor IDBR in Full		Mandatory Encrypt sensitive data
gContact -> seriesOfSymbol	String	Guarantor HKID's series of Symbol		Optional
gContact -> lastNameChi	String	Guarantor Last Name		Optional Encrypt sensitive data
gContact -> firstNameChi	String	Guarantor First Name		Optional Encrypt sensitive data
gContact -> fullNameChi	String	Guarantor Full Name		Mandatory Encrypt sensitive data
gContact -> contactNum	String	Guarantor Contact No		
guarantor -> gAddr	Json Object	Guarantor Address		Optional
gAddr -> addressNature	String	Address Nature	R – Residential C - Commercial	Optional
gAddr -> flat	String	Register Address		Optional
gAddr -> flatDesc	String	Register Address		Optional
gAddr -> floor	String	Register Address		Optional
gAddr -> floorDesc	String	Register Address		Optional
gAddr -> block	String	Register Address		Optional
gAddr -> blockDesc	String	Register Address		Optional
gAddr -> building	String	Register Address		Optional
gAddr -> estate	String	Register Address		Optional
gAddr -> streetNo	String	Register Address		Optional
gAddr -> street	String	Register Address		Optional
gAddr -> lot	String	Register Address		Optional
gAddr -> district	String	Register Address		Mandatory
gAddr -> area	String	Register Address		Mandatory
gAddr -> flatChi	String	Register Address		Optional

gAddr -> flatDescChi	String	Register Address		Optional
gAddr -> floorChi	String	Register Address		Optional
gAddr -> floorDescChi	String	Register Address		Optional
gAddr -> blockChi	String	Register Address		Optional
gAddr -> blockDescChi	String	Register Address		Optional
gAddr -> buildingChi	String	Register Address		Optional
gAddr -> estateChi	String	Register Address		Optional
gAddr -> streetNoChi	String	Register Address		Optional
gAddr -> streetChi	String	Register Address		Optional
gAddr -> lotChi	String	Register Address		Optional
gAddr -> districtChi	String	Register Address		Mandatory
gAddr -> areaChi	String	Register Address		Mandatory
gAddr -> addrLine1	String	Register Address Line1		Mandatory Encrypt sensitive data
gAddr -> addrLine2	String	Register Address Line2		Optional Encrypt sensitive data
gAddr -> addrLine1Chi	String	Register Address Line1		Mandatory Encrypt sensitive data
gAddr -> addrLine2Chi	String	Register Address Line2		Optional Encrypt sensitive data
gAddr -> xCoordinate	String	X-Coordinate		Optional
gAddr -> yCoordinate	String	Y-Coordinate		Optional
gAddr -> addressCode	String	Address Code		Optional
gAddr -> longitude	String	Longitude		Optional
gAddr -> latitude	String	Latitude		Optional
gAddr -> buildingId	String	Building ID		Optional

Sample Request

Create new customer

```
{
  "requesterId": "ClaudiaFung",
  "refNum": "20125422545525",
  "custId": "",
  "parallelRun": "0",
  "createType": "C",
  "cust": {
    "custNum": "01234567",
    "custTypeCode": "BUSI",
    "caCode": "",
    "divertCode": "EWA",
    "billDay": "5",
    "paymentMethod": "CASH",
    "paymentMethodId": "1",
    "paymentMethodDesc": "PMT :Cash - Cash & cheque",
    "cardPrefix": "",
    "email": "XXXXX", -- encrypt xyz_company@gmail.com
    "commLangCode": "C",
    "custTitle": "",
    "lastName": "XXXXX", -- encrypt ABC company
  }
}
```

```

"firstName": "XXXXX", -- encrypt Finance
"lastNameChi": "XXXXX", -- encrypt ABC company
"firstNameChi": "XXXXX", -- encrypt Finance
"lastNameChiCode": "",
"firstNameChiCode": "",
"gender": "C",
"birth": "XXXX", -- encrypt 1900-01-01
"idTypeCode": "B",
"idbr": "XXXXX", -- encrypt 123456
"idbrFull": "XXXXX", -- encrypt 123456
"seriesOfSymbol": "xxAZ",
"contactNum": "98123456",
"contactNum2": "",
"contactPerson": "Mr Chan Tai Man",
"faxNum": "",
"attention": "Mr Chan",
"nationality": "",
"companyName": "",
"position": "",
"industryCode": "",
"printTag": "",
"receiveSmcCommFlag": "Y",
"listenFlag": "N",
"billEmailRejectFlag": "N",
"reqSmcPinFlag": "Y",
"loginNowInd": "N",
"billAddr": {
    "addressNature": "C",
    "flat": "",
    "flatDesc": "",
    "floor": "27",
    "floorDesc": "Floor 27th",
    "block": "",
    "blockDesc": "",
    "building": "Millennium City Phase 2",
    "estate": "",
    "streetNo": "378",
    "street": "Kwun Tong Road",
    "lot": "",
    "district": "Kwun Tong",
    "area": "Kln",
    "flatChi": "",
    "flatDescChi": "",
    "floorChi": "27",
    "floorDescChi": "Floor 27th",
    "blockChi": "",
    "blockDescChi": "",
    "buildingChi": "Millennium City Phase 2",
    "estateChi": "",
    "streetNoChi": "378",
    "streetChi": "Kwun Tong Road",
    "lotChi": "",
    "districtChi": "Kwun Tong",
    "areaChi": "Kln",
    "addrLine1": "Floor 27th, Millennium City Phase 2",
    "addrLine2": "378 Kwun Tong Road",
    "addrLine1Chi": "Floor 27th, Millennium City Phase 2",

```



```

        "addrLine2Chi": "378 Kwun Tong Road",
        "xCoordinate": "1203",
        "yCoordinate": "1234",
        "addressCode": "",
        "longitude": "12030",
        "latitude": "12340",
        "buildingId": "1108238058"
    }
}

// Submit for multi-subscribers under the same customer account for new activation e.g. activate parent & child
{
    "requesterId": "ClaudiaFung",
    "refNum": "20125422545525",
    "custId": "2254",
    "parallelRun": "",
    "createType": "A",
    "cust": {
        "custNum": "01234567",
        "custTypeCode": "BUSI",
        "caCode": "",
        "divertCode": "EWA",
        "billDay": "5",
        "paymentMethod": "CASH",
        "paymentMethodId": "1",
        "paymentMethodDesc": "PMT :Cash - Cash & cheque",
        "cardPrefix": "",
        "email": "XXXX", -- encrypt abc@gmail.com
        "commLangCode": "C",
        "topupEmail": "",
        "receiveTopupEmailFlag": "N",
        "custTitle": "",
        "lastName": "XXXXX", -- encrypt ABC company
        "firstName": "XXXXX", -- encrypt Finance
        "lastNameChi": "XXXXX", -- encrypt ABC company
        "firstNameChi": "XXXXX", -- encrypt Finance
        "lastNameChiCode": "",
        "firstNameChiCode": "",
        "gender": "C",
        "birth": "XXXX", -- encrypt 1900-01-01
        "idTypeCode": "B",
        "idbr": "XXXXX", -- encrypt 123456
        "idbrFull": "XXXXX", -- encrypt 123456
        "seriesOfSymbol": "xxAZ",
        "contactNum": "98123456",
        "contactNum2": "",
        "contactPerson": "Mr Chan Tai Man",
        "faxNum": "",
        "attention": "Mr Chan",
        "nationality": "",
        "companyName": "",
        "position": "",
        "industryCode": "",
        "printTag": "",
        "receiveSmcCommFlag": "Y",
        "listenFlag": "N",
    }
}

```

```

"billEmailRejectFlag": "N",
"reqSmcPinFlag": "Y",
"loginNowInd": "N",
"billAddr": {
  "addressNature": "R",
  "flat": "A",
  "flatDesc": "Flat A",
  "floor": "18",
  "floorDesc": "Floor 18th",
  "block": "3",
  "blockDesc": "Block 3",
  "building": "",
  "estate": "Grand WaterFront",
  "streetNo": "378",
  "street": "San Ma Tau",
  "lot": "",
  "district": "Kowloon City",
  "area": "Kln",
  "flatChi": "A",
  "flatDescChi": "Flat A",
  "floorChi": "18",
  "floorDescChi": "Floor 18th",
  "blockChi": "3",
  "blockDescChi": "Block 3",
  "buildingChi": "",
  "estateChi": "Grand WaterFront",
  "streetNoChi": "378",
  "streetChi": "San Ma Tau",
  "lotChi": "",
  "districtChi": "Kowloon City",
  "areaChi": "Kln",
  "addrLine1": "Flat A, Floor 18, Block 3 Grand WaterFront",
  "addrLine2": "378 San Ma Tau",
  "addrLine1Chi": "Flat A, Floor 18, Block 3 Grand WaterFront",
  "addrLine2Chi": "378 San Ma Tau",
  "xCoordinate": "1203",
  "yCoordinate": "1234",
  "addressCode": "",
  "longitude": "12030",
  "latitude": "12340",
  "buildingId": "1108238058"
}
"payInfo": {
  "bankAcHolder": "",
  "bankAcNum": "",
  "bankCode": "",
  "debtorIdType1": "",
  "debtorId1": "",
  "debtorIdType2": "",
  "debtorId2": "",
  "debitLimit": "",
  "bankBranchNum": "",
  "cardNum": "512345XXXXXX9780", //masked value based on masking rule
  "cardHolder": "CXXXXX", // masked value based on masking rule
  "ccIssueBank": "XXXX", // masked value based on masking rule
  "expiryDate": "20XXXXX", // masked value based on masking rule
  "ccIdTypeCode": "I",

```

```

        "ccOwnerHkid": "XXXXXXX" // encrypted for sensitive data
    }

},
"subrList": [{
// parent line for the same customer account
    "custNum": "01234567",
    "subrNum": "91234567",
    "salesPersonCode": "SA0153",
    "portfolioId": "SDFJASL912",
    "lineCategory": "M",
    "portInInd": "",
    "portInSource": "",
    "dno": "",
    "buyOutNum": "",
    "subrOnDate": "2024-03-01 12:00:05",
    "seb": "Y",
    "parentType": "ADDON",
    "parentCustNum": "01234567",
    "parentSubrNum": "91234566",
    "parentAcctNum": "01234567.00001",
    "childTopupAllowed": "",
    "imei": "352062069458258",
    "imsi": "454061100356178",
    "sim": "89852060411141011718",
    "ratePlan": "3GAAZ",
    "dealerCode": "PIM3900000",
    "splitCharge": "",
    "dsDIcode": "",
    "dsSaDate": "",
    "primaryLine": "",
    "subrRole": "Owner Other Use",
    "loginNowAuth": "N",
    "weChatId": "",
    "shkRegMobile": "",
    "userId": "99456",
    "userName": "Eva Wu",
    "mgmReferrerCode": "",
    "mgmReferrerCustNum": "",
    "mgmReferrerSubrNum": "",
    "mgmReferrerAccountNum": "",
    "email": "XXXXX", -- encrypt abc@gmail.com
    "commLangCode": "C",
    "topupEmail": "",
    "receiveTopupEmailFlag": "N",
    "custTitle": "",
    "lastName": "XXXXX", -- encrypt ABC company
    "firstName": "XXXXX", -- encrypt Finance
    "lastNameChi": "XXXXX", -- encrypt ABC company
    "firstNameChi": "XXXXX", -- encrypt Finance
    "lastNameChiCode": "",
    "firstNameChiCode": "",
    "gender": "C",
    "birth": "XXXX", -- encrypt 1900-01-01
    "idTypeCode": "",
    "idbr": "",
    "idbrFull": "",

```

```

"seriesOfSymbol": "xxAZ",
"contactNum": "98123456",
"contactNum2": "",
"contactPerson": "",
"faxNum": "",
"attention": "",
"nationality": "",
"companyName": "",
"position": "",
"industryCode": "",
"contactAddr": {
  "addressNature": "R",
  "flat": "A",
  "flatDesc": "Flat A",
  "floor": "18",
  "floorDesc": "Floor 18th",
  "block": "3",
  "blockDesc": "Block 3",
  "building": "",
  "estate": "Grand WaterFront",
  "streetNo": "378",
  "street": "San Ma Tau",
  "lot": "",
  "district": "Kowloon City",
  "area": "Kln",
  "flatChi": "A",
  "flatDescChi": "Flat A",
  "floorChi": "18",
  "floorDescChi": "Floor 18th",
  "blockChi": "3",
  "blockDescChi": "Block 3",
  "buildingChi": "",
  "estateChi": "Grand WaterFront",
  "streetNoChi": "378",
  "streetChi": "San Ma Tau",
  "lotChi": "",
  "districtChi": "Kowloon City",
  "areaChi": "Kln",
  "addrLine1": "Flat A, Floor 18, Block 3 Grand WaterFront",
  "addrLine2": "378 San Ma Tau",
  "addrLine1Chi": "Flat A, Floor 18, Block 3 Grand WaterFront",
  "addrLine2Chi": "378 San Ma Tau",
  "xCoordinate": "1203",
  "yCoordinate": "1234",
  "addressCode": "",
  "longitude": "12030",
  "latitude": "12340",
  "buildingId": "1108238058"
},
"commChannel": {
  "POLICE": "Y",
  "DO-NOT-DISTURB": "N",
  "CS-SURVEY": "Y", -- still in UAT progress
  "SMC-PLUS": "Y",
  "1638-SUB": "N",
  "SMC-PIN": "Y",
  "DIR-ENQ": "N",

```

```

        "SMC-COMM": "Y",
        "DATA-RAT": "N",
        "TELE-CALL": "Y",
        "D-MAIL": "N",
        "USE-MIN": "Y",
        "SPEC-E": "N",
        "SPEC-S": "Y",
        "SPEC-W": "Y", -- still in UAT progress
        "NEWS-E": "N",
        "NEWS-S": "Y",
        "NEWS-W": "Y", -- still in UAT progress
        "FUN-E": "N",
        "FUN-S": "N",
        "FUN-W": "N", -- still in UAT progress
        "COMM-E": "N",
        "COMM-S": "Y",
        "COMM-W": "Y", -- still in UAT progress
        "RET-E": "N",
        "RET-S": "Y",
        "RET-W": "Y", -- still in UAT progress
        "ST-STYLE": "N",
        "WSM-SERV": "N",
        "WSM-PROM": "N",
        "SMC-CARE": "N"
    },
    "corpAttr": {
        "attr01": "IT",
        "attr02": "test",
        "attr03": "2424",
        "attr04": "",
        "attr05": "",
        "attr06": "",
        "attr07": "",
        "attr08": "",
        "attr09": "",
        "attr10": "",
        "attr11": "",
        "attr12": "",
        "attr13": "",
        "attr14": "",
        "attr15": "",
        "attr16": "",
        "attr17": "",
        "attr18": "",
        "attr19": "",
        "attr20": "",
        "attr21": "",
        "attr22": "",
        "attr23": "",
        "attr24": ""
    },
    "guarantor": {
        "guarantorStartDate": "2022-01-05",
        "guarantorExpiryDate": "",
        "gContact": {
            "custTitle": "",
            "lastName": " sdfwerw ", -- encrypt Chan

```

```

        "firstName": "", -- encrypt Tai Man
        "fullName": " sdfwerw ", -- encrypt Chan Tai Man
        "lastNameChi": "sdfwerw", -- encrypt Chan
        "firstNameChi": "", -- encrypt Tai Man
        "fullNameChi": " sdfwerw ", -- encrypt Chan Tai Man
        "gender": "",
        "birth": "",
        "idType": "",
        "idbr": "sdfwe233", -- encrypted E101101(5)
        "idbrFull": "sdfsdf324", -- encrypted E101101(5)
        "seriesOfSymbol": "xxAZ",
        "contactNum": ""
    },
    "gAddr": {
        "addressNature": "",
        "flat": "",
        "flatDesc": "",
        "floor": "",
        "floorDesc": "",
        "block": "",
        "blockDesc": "",
        "building": "",
        "estate": "",
        "streetNo": "",
        "street": "",
        "lot": "",
        "district": "",
        "area": "",
        "flatChi": "",
        "flatDescChi": "",
        "floorChi": "",
        "floorDescChi": "",
        "blockChi": "",
        "blockDescChi": "",
        "buildingChi": "",
        "estateChi": "",
        "streetNoChi": "",
        "streetChi": "",
        "lotChi": "",
        "districtChi": "",
        "areaChi": "",
        "addrLine1": "",
        "addrLine2": "",
        "addrLine1Chi": "",
        "addrLine2Chi": "",
        "xCoordinate": "",
        "yCoordinate": "",
        "addressCode": "",
        "longitude": "",
        "latitude": "",
        "buildingId": ""
    }
},
}, {
    // child line for the same customer number
    "custNum": "01234567",
    "subNum": "61234567",

```

```

"salesPersonCode": "SA0153",
"portfolioId": "TDFJASL912",
"lineCategory": "M",
"portInInd": "",
"portInSource": "",
"dno": "",
"buyOutNum": "",
"subrOnDate": "2024-03-01 12:00:05",
"isPendDate": "",
"seb": "Y",
"parentType": "ADDON",
"isParent": "N",
"parentSubrNum": "91234567",
"childToupAllowed": "Y",
"imei": "352062069458259",
"imsi": "454061100356171",
"sim": "89852060411141011712",
"ratePlan": "3GAAZ",
"dealerCode": "PIM3900000",
"splitCharge": "",
"dsDIcode": "",
"dsSaDate": "",
"primaryLine": "",
"subrRole": "Owner Other Use",
"loginNowAuth": "N",
"weChatId": "",
"shkRegMobile": "",
"userId": "99456",
"userName": "Eva Wu",
"mgmReferrerCode": "",
"mgmReferrerCustNum": "",
"mgmReferrerAccountNum": "",
"email": "XXXX", -- encrypt abc@gmail.com
"commLangCode": "C",
"topupEmail": "",
"receiveTopupEmailFlag": "N",
"custTitle": "",
"lastName": "XXXXX", -- encrypt ABC company
"firstName": "XXXXX", -- encrypt Finance
"lastNameChi": "XXXXX", -- encrypt ABC company
"firstNameChi": "XXXXX", -- encrypt Finance
"lastNameChiCode": "",
"firstNameChiCode": "",
"gender": "C",
"birth": "XXXX", -- encrypt 1900-01-01
"idTypeCode": "",
"idbr": "",
"idbrFull": "",
"seriesOfSymbol": "xxAZ",
"contactNum": "98123456",
"contactNum2": "",
"contactPerson": "",
"faxNum": "",
"attention": "",
"nationality": "",
"companyName": "",
"position": "",

```

```

"industryCode": "",
"contactAddr": {
  "addressNature": "R",
  "flat": "A",
  "flatDesc": "Flat A",
  "floor": "18",
  "floorDesc": "Floor 18th",
  "block": "3",
  "blockDesc": "Block 3",
  "building": "",
  "estate": "Grand WaterFront",
  "streetNo": "378",
  "street": "San Ma Tau",
  "lot": "",
  "district": "Kowloon City",
  "area": "Kln",
  "flatChi": "A",
  "flatDescChi": "Flat A",
  "floorChi": "18",
  "floorDescChi": "Floor 18th",
  "blockChi": "3",
  "blockDescChi": "Block 3",
  "buildingChi": "",
  "estateChi": "Grand WaterFront",
  "streetNoChi": "378",
  "streetChi": "San Ma Tau",
  "lotChi": "",
  "districtChi": "Kowloon City",
  "areaChi": "Kln",
  "addrLine1": "Flat A, Floor 18, Block 3 Grand WaterFront",
  "addrLine2": "378 San Ma Tau",
  "addrLine1Chi": "Flat A, Floor 18, Block 3 Grand WaterFront",
  "addrLine2Chi": "378 San Ma Tau",
  "xCoordinate": "1203",
  "yCoordinate": "1234",
  "addressCode": "",
  "longitude": "12030",
  "latitude": "12340",
  "buildingId": "1108238058"
},
"commChannel": {
  "POLICE": "Y",
  "DO-NOT-DISTURB": "N",
  "CS-SURVEY": "Y", -- still in UAT progress
  "SMC-PLUS": "Y",
  "1638-SUB": "N",
  "SMC-PIN": "Y",
  "DIR-ENQ": "N",
  "SMC-COMM": "Y",
  "DATA-RAT": "N",
  "TELE-CALL": "Y",
  "D-MAIL": "N",
  "USE-MIN": "Y",
  "SPEC-E": "N",
  "SPEC-S": "Y",
  "SPEC-W": "Y", -- still in UAT progress
  "NEWS-E": "N",

```



```

    "NEWS-S": "Y",
    "NEWS-W": "Y", -- still in UAT progress
    "FUN-E": "N",
    "FUN-S": "N",
    "FUN-W": "N", -- still in UAT progress
    "COMM-E": "N",
    "COMM-S": "Y",
    "COMM-W": "Y", -- still in UAT progress
    "RET-E": "N",
    "RET-S": "Y",
    "RET-W": "Y", -- still in UAT progress
    "ST-STYLE": "N",
    "WSM-SERV": "N",
    "WSM-PROM": "N",
    "SMC-CARE": "N"
  },
  "corpAttr": {
    "attr01": "IT",
    "attr02": "test",
    "attr03": "2424",
    "attr04": "",
    "attr05": "",
    "attr06": "",
    "attr07": "",
    "attr08": "",
    "attr09": "",
    "attr10": "",
    "attr11": "",
    "attr12": "",
    "attr13": "",
    "attr14": "",
    "attr15": "",
    "attr16": "",
    "attr17": "",
    "attr18": "",
    "attr19": "",
    "attr20": "",
    "attr21": "",
    "attr22": "",
    "attr23": "",
    "attr24": ""
  },
  "guarantor": {
    "guarantorStartDate": "2022-01-05",
    "guarantorExpiryDate": "",
    "gContact": {
      "custTitle": "",
      "lastName": " sdfwerw ", -- encrypt Chan
      "firstName": "", -- encrypt Tai Man
      "fullName": " sdfwerw ", -- encrypt Chan Tai Man
      "lastNameChi": "sdfwerw", -- encrypt Chan
      "firstNameChi": "", -- encrypt Tai Man
      "fullNameChi": " sdfwerw ", -- encrypt Chan Tai Man
      "gender": "",
      "birth": "",
      "idType": "",
      "idbr": "sdfwe233", -- encrypted E101101(5)
    }
  }
}

```

```

        "idbrFull": "sdfsdf324", -- encrypted E101101(5)
        "seriesOfSymbol": "xxAZ",
        "contactNum": ""
    },
    "gAddr": {
        "addressNature": "",
        "flat": "A",
        "flatDesc": "",
        "floor": "",
        "floorDesc": "",
        "block": "",
        "blockDesc": "",
        "building": "",
        "estate": "",
        "streetNo": "",
        "street": "",
        "lot": "",
        "district": "",
        "area": "",
        "flatChi": "",
        "flatDescChi": "",
        "floorChi": "",
        "floorDescChi": "",
        "blockChi": "",
        "blockDescChi": "",
        "buildingChi": "",
        "estateChi": "",
        "streetNoChi": "",
        "streetChi": "",
        "lotChi": "",
        "districtChi": "",
        "areaChi": "",
        "addrLine1": "",
        "addrLine2": "",
        "addrLine1Chi": "",
        "addrLine2Chi": "",
        "xCoordinate": "",
        "yCoordinate": "",
        "addressCode": "",
        "longitude": "",
        "latitude": "",
        "buildingId": ""
    }
}
}
}

```

Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Return Result	0 or above – Success <0 – failed	
resultMsg	String	Return Error Code		

Success response

```
{
```

```
{
  "resultCode": "0",
  "resultMsg": "SUCCESS"
}
```

Fail response

```
Provided custNum already existed in CRM system
{
  "resultCode": "-1",
  "resultMsg": 'Not match custNum in subrList'
}
```