changePlanVas Num

New Billing Project

OM API Specifications

# VERSIONING

|  |  |  |  |
| --- | --- | --- | --- |
| Version ID | Changed Details | Version Date | Distribution List |
| 1.0.0 | Initial Draft | 2024-09-23 | OM |
| 1.0.1 | Add APIs Customer Update, Contact Update, Payment Update, Billing / Comm Update, Subscriber Update  Add break down address input fields in Validate New Activation & Confirm New Activation APIs | 2024-10-09 | OM |
| 1.0.2 | Add migrate LGN user, GUP Create LGN Profile auth, update GUP auth | 2024-10-14 | OM |
| 1.0.3 | Modify API encrypted field and update input parameter  Add Top Up, First Use, Local Data Bar, Apply Local FUP, Apply Roaming FUP, Bar or Suspend Roaming Data in Service Change section  Add New PIN request for LGN User, Email Opt-out into section Profile Change, added Enquiry of add-on number Child plan, Enquiry of add-on number Apple Watch Plan, Enquiry of RSA Information, Enquiry of NR Bar, Enquiry of A&C Top-up in Enquiry section  Add delete pending case, update pending case effective date, get pending case info  Section “New Activation” is deleted and move to separated document file “OM New Activation API (New Billing)”  Add Create GUP Profile (SProfile), Reset GUP Profile (SProfile),  Update GUP field (SProfile)  Add Enquiry of tremblant plan if allowed, Enquriy of changes for CC owner, Enquiry of add-on plan into Enquiry section  Add Change VM language into Service Change section | 2024-10-15  2024-10-21  2024-10-23  2024-10-24  2024-10-24  2024-10-24  2024-10-30  2025-05-28 | OM |

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updCustContact

# API Specifications

## Service Change

### Change MSISDN / SIM

**Purpose**

Change MSISDN or SIM number for customer

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/updMsisdnInfo |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/updMsisdnInfo |
| TYK (Production) |  |

API: /updMsisdnInfo

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| oldMsisdn | String | Old Msisdn (support 2nd Msisdn change to new msisdn) | e.g. 51111111 | Optional | If input empty , then no change new msisdn |
| newMsisdn | String | New Msisdn | e.g. 92222222 | Optional | If input empty , then no change new msisdn |
| oldSim | String | Old SIM (support 2nd SIM change to new SIM) | e.g. 89852061500000011111 | Optional | If input empty, then no change new sim |
| newSim | String | New Sim | e.g. 89852061500000011333 | Optional | If input empty, then no change new sim |
| newImei | String | New IMEI | e.g. 354747043114675 | Optional | If input empty, then no change to new imei |
| oldDataNo | String | Old Data Number | e.g.98761234 | Optional | If input empty, then no change to new data number |
| newDataNo | String | New Data number | e.g. 98765432 | Optional | If input empty, then no change to new data number |
| oldFaxNo | String | Old Fax number | e.g.67771111 | Optional | If input empty, then no change to new fax number |
| newFaxNo | String | New Fax number | e.g.67772222 | Optional | If input empty, then no change to new fax number |
| oldFmsNo | String | Old Fms number | e.g. 93334455 | Optional | If input empty, then no change to new fms number |
| newFmsNo | String | New Fms number | e.g. 94445555 | Optional | If input empty, then no change to new fms number |
| oldMsgNo | String | Old Message number | e.g. 90250430 | Optional | If input empty, then no change to new message number |
| newMsgNo | String | New Message number | e.g. 90250444 | Optional | If input empty, then no change to new message number |
| oldMacauNo | String | Old Macau Number | e.g. 66123456 | Optional | If input empty, then no change to new Macau number |
| newMacauNo | String | New Macau Number | e.g. 66222333 | Optional | If input empty, then no change to new Macau number |
| oldSimT12 | String | Old SIM – T12 | e.g. 89852061500000022222 | Optional Optional | If input empty, then no change new sim T12 |
| newSimT12 | String | New SIM – T12 | e.g. 89852061500000022333 | Optional | If input empty, then no change new sim T12 |
| handlingFee | String | Handling Fee | e.g. CMN | Optional | Pls input the handling fee’s bill code if require handling fee |
| waive | String | Wavie handling fee | Y / N | Optional |  |
| remark | String | Remark | e.g. “requested by May Chan” | Optional |  |
| requester | String | Request user | e.g. IFC01 | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| For submit new msisdn & new sim request :  {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "oldMsisdn":"91234567",  "newMsisdn":"62221234",  "oldSim":"89852061500000011111",  "newSim":"89852061500000011333",  "newImei":"",  "oldDataNo":"",  "newDataNo":"",  "oldFaxNo":"",  "newFaxNo":"",  "oldFmsNo":"",  "newFmsNo":"",  "oldMsgNo":"",  "newMsgNo":"",  "oldMacauNo":"",  "newMacauNo":"",  "oldSimT12":"",  "newSimT12":"",  "handlingFee":"",  "remark":"",  "requester":"CWB01",  "salesman":"SA4012",  "rbdCode":"CWB"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg": "Missing input parameter"  "caseID":""  } |

### Activate Pending Subscriber

**Purpose**

Activate pending subscriber to active status (PE -> OK)

**Logic & Conditions**

The action must always execute immediately without pending.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/activateSubr |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/activateSubr |
| TYK (Production) |  |

API: /activateSubr

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory | No pending order, always execute immediately, even the effective date is in future time |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |
|  |  |  |  |  |  |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "rbdCode":"CWB"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Disconnection

**Purpose**

Disconnect Active subscriber

**Logic & Conditions**

Subscriber status must be “PE” / “OK” to disconnect

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/disconnection> |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/[disconnection](https://tykapi-u.hksmartone.com/om/service/disconnection) |
| TYK (Production) |  |

API: /disconnection

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional |  |
| reasonCode | String | Reason Code | e.g 54 | Mandatory |  |
| rno | String | RNO Code | e.g. TG | Optional | If portOutMobile is Y then DNO is mandatory |
| portOutMobile | String | Port out mobile | e.g. Y/N | Optional |  |
| apprUser | String | Approver |  | Optional |  |
| apprPassword | String | Approver password |  | Optional |  |
| waive | String | Waive | e.g. Y/N | Optional |  |
| remark | String | Remark |  | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "rbdCode":"CWB",  "reasonCode":"54",  "dno":"TG",  "portOutMobile":"Y",  "apprUser":"",  "apprPassword":"",  "waive":"N",  "remark":"Disconnect remark"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Reconnection

**Purpose**

Reconnect subscriber (SU -> OK)

**Logic & Conditions**

subscriber status must be “SU” to reconnect

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/reconnection> |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/[reconnection](https://tykapi-u.hksmartone.com/om/service/reconnection) |
| TYK (Production) |  |

API: /reconnection

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional |  |
| passTo | String |  | e.g. CCS/FM | Optional |  |
| portBack | String | Port back | e.g. Y/N | Optional | If portOutStatus is Y then portBack must be N or null |
| portOutStatus | String | Port out status | e.g. Y/N | Optional | If portBack is Y then portOutstatus must be N or null |
| rno | String | RNO Code | e.g. TG | Optional | If portOutStatus is Y then mandatory |
| apprUser | String | Approver |  | Optional |  |
| apprPassword | String | Approver password |  | Optional |  |
| adjMode | String | Adjustment Mode | e.g. Auto/Manual | Optional | If auto then effective date must be current day i.e. immediate effective |
| extendedId | String | Extend LD code | e.g. FA032001|30-08-2024,FA035798|06-03-2025,FA035797|06-03-2025, | Optional | Each LD should have (Invoice number)|date(DD-MM-YYYY)  Use “,” as separator |
| remark | String | remark | e.g. Reconnect Remark | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "rbdCode":"CWB",  "passTo":"FM",  "portBack":"Y",  "portOutStatus":"",  "rno":"",  "apprUser":"",  "apprPassword":"",  "adjMode":"Auto",  "extendedLd":"Fb00063673|31-12-2024)",  "remark":"Reconnection Remark"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Reconnection approval

**Purpose**

Approve reconnection

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/recPreAppr> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/recPreAppr](https://tykapi-u.hksmartone.com/om/service/recPreAppr) |
| TYK (Production) |  |

API: /recPreAppr

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | optional |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory | No pending order, always execute immediately, even the effective date is in future time |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Mandatory | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "parallelRun":"0"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| justifyMsg | String |  |  |  |
| extnMsg1 | String |  | Accept for Reconnection – Success  Other – Failure |  |
| extnMsg2 | String |  |  |  |
| cntrAct1 | String |  | Error message |  |
| cntrAct2 | String |  | Error message |  |
| wOffMsg1 | String | Write off message | 12345678 $300 | (writeoff customer) $ (writeoff amount) |
| wOffMsg2 | String | Write off message | 12345678 $300 | (writeoff customer) $ (writeoff amount) |
| wOffMsg3 | String | Write off message | 12345678 $300 | (writeoff customer) $ (writeoff amount) |
| wOffMsg4 | String | Write off message | 12345678 $300 | (writeoff customer) $ (writeoff amount) |
| status | String |  | ACCEPT or REJECT |  |

**Sample Response**

Success response:

Accept reconnect:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "justifyMsg":"",  "extnMsg1":"",  "extnMsg2":"",  "cntrAct1":"",  "cntrAct2":"",  "wOffMsg1": "",  "wOffMsg2": "",  "wOffMsg3": "",  "wOffMsg4": "",  "status": "REJECT"  } |

Reject reconnect:

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg": "",  "justifyMsg":"To avoid reconnection of sub with invalid ID",  "extnMsg1":"The ID in record is mismatch",  "extnMsg2":"",  "cntrAct1":"Request Sub to provide original ID for CCS to match with system",  "cntrAct2":"CCS approval is required",  "wOffMsg1": "",  "wOffMsg2": "",  "wOffMsg3": "",  "wOffMsg4": "",  "status": "REJECT"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error"  } |
| {  "resultCode": "-1",  "resultMsg":" Unauthorized IP"  } |

### Change Plan/add/end VAS validation

**Purpose**

Validate the change plan/VAS transaction

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/validateChgPlanVAS |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/validateChgPlanVAS |
| TYK (Production) |  |

API: / validateChgPlanVAS

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| newPlan | String | New Rate Plan for change plan |  | Optional |  |
| newPlanOpt | String | Plan bundle option for BM Plan |  | Optional |  |
| addVasList | Json Object Array | List of VAS to be activated |  | Optional |  |
| addVasList->vasCode | String | VAS Code |  | Mandatory |  |
| delVasList | JSON | List of VAS to be deactivated |  | Optional |  |
| delVasList-> vasCode | String | VAS Code |  | Mandatory |  |
| delVasList-> delReason | String | VAS Delete Reason |  | Optional |  |
| addBillList | JSON | List of Bill Code to be activated |  | Optional |  |
| addBillList-> billCode | String | Bill Code |  | Mandatory |  |
| delBillList | JSON | List of Bill Code to be deactivated |  | Optional |  |
| delBillList-> billCode | String | Bill Code |  | Mandatory |  |
| addServList | JSON | List of Service to be activated |  | Optional |  |
| addServList-> servCode | String | Service Code |  | Mandatory |  |
| delServList | JSON | List of Service to be deactivated |  | Optional |  |
| delServList->servCode | String | Service Code |  | Mandatory |  |
| param | JSON | Additional parameter for rate plan/VAS |  | Optional |  |
| param->tagOnMobile | String | Parent number or Main number |  | Optional |  |
| param->dataNum | String | Data Number |  | Optional |  |
| param->faxNum | String | Fax Number |  | Optional |  |
| param->messagingNum | String | Messaging number for Secretarial Service |  | Optional |  |
| param->ssrvNum | String | For Secretarial Service |  | Optional |  |
| param->T12Sim | String | T12 SIM |  | Optional |  |
| param->macauNo | String | New Macau Number | e.g. 66222333 | Optional | Required for Macau 1C2N service |
| param->secPassw | String | For Secretarial Service |  | Optional |  |
| param->secGreeting | String | For Secretarial Service |  | Optional |  |
| param->domainName | String | For MVR service |  | Optional |  |
| param->cli1 | String | CLI number for 1638 service |  | Optional | Required at least one (cli1/2/3) for 1638 IDD service |
| param->cli2 | String | CLI number for 1638 service |  | Optional |  |
| param->cli3 | String | CLI number for 1638 service |  | Optional |  |
| param->WiFiUserName | String | WiFi UserName |  | Optional | Require for WiFi Service |
| param->vmType | String | Voice Mail Type |  | Optional |  |
| param->autoRecontract | String | Auto Recontract Flag |  | Optional |  |
| param->stfid | String | Staff ID |  | Optional |  |
| param->stfname | String | Staff Name |  | Optional |  |
| param->email | String | (encrypted) |  | Optional |  |
| param->chkNRDowngrade | String |  |  | Optional |  |
| param->chinaNumInfo | JSONArray | Info for China number |  | Optional |  |
| param->chinaNumInfo->chinaNum | String | China number |  | Mandatory |  |
| param->chinaNumInfo->vasType | String | VAS Type for the China number | U1C2N  G1C2N  EasyNum  For EasyNum/U1C2N, the caller should handle the RNR flow (e.g. image upload/update ICP). | Mandatory |  |
| param-> chinaNumInfo-> 1c2nRefId |  | 1C2N Reference ID |  |  |  |
| mktgCodeList | Json Object Array | List of marketing code and related info |  |  |  |
| mktgCodeList->mktgCode | String | Marketing code |  | Mandatory |  |
| mktgCodeList->ldCode | String | LD Code |  | Optional |  |
| mktgCodeList->refCode | String | Reference code |  | Optional |  |
| mktgCodeList->expiryDate | String | LD expiry date |  | Optional | LD Expiry Date [DD/MM/YYYY] (Please pass empty if no use) |
| saMarketCode | Json Object Array | List of marketing codes to be invoiced in FES but included in the OM marketing code control |  | Optional |  |
| saMarketCode->mktgCode | String | Marketing code |  | Mandatory |  |
| skipFamilyQuota | String | Skip Family Quota Check for all-in-one family change flow | Y – Skip checking | Optional | By default, quota check is applied. |
| requester | String | Request user | e.g. IFC01 | Mandatory |  |
| apprUser | String | Approver.  For recording purpose.  Approval logic should be handled in the user interface. |  | Optional |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| userGroup | String | FES Group ID |  | Optional |  |
| handleBy | String | Handle by |  | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"85061234",

"msisdn":"91234567",

"acountNum":"85061234.00001",

"effectiveDate":"2024-10-01 00:00:00",

"newPlan":"5GAAC",

“addVasList”: [{

“VasCode":"LDP01”,

},{

“VasCode":" KKBO5”

},{

“VasCode":" GMUE8”

}],

“delVasList”: [{

“VasCode":"UDP01”,

}],

“Param”: [{

“ChinaNumInfo”: [{

“ChinaNum”:””,

“vasType”:” U1C2N”

}]

}],

“mktgCodeList”: [{

“mktgCode”:”MKT01”,

“ldCode”:””

“expiryDate”:” 15/08/2030”

},{

“mktgCode”:”MKTXX”

}],

"requester":"CWB01",

"salesman":"SA4012",

"rbdCode":"CWB",

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success Validation:

{

"resultCode": "0",

"resultMsg": ""

}

Reject validation:

{

"resultCode": "-1",

"resultMsg": "131: Suspend RoamFlex usage (RFOFF) must add together with RDC89/ ADP01/ RDC89/ RDC91/ RDC92/ RDC94/ RDC97/ RDC98/ RDE01/ RDE04/ RDE04/ RDE82/ RDE82 / RDG16/ RDE86/ RDE86 / RDG19/ RDG01/ RDG02/ RDG03/ RDG04/ RDG05/ RDG10/ RDG12/ RDG14/ RDG16/ RDG16/ RDG19 "

}

### Family Plan Quota Validation

**Purpose**

Family Plan Quota Validation

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/familyQuotaCheck |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/familyQuotaCheck |
| TYK (Production) |  |

API: / familyQuotaCheck

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| parentMsisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| parentAccountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| parentPlan | String | Parent Rate Plan | 5GAAC | Mandatory | Parent rate plan after family change plan.  New rate plan if parent rate plan is changed. |
| ChildList | Json Object Array | Child list of the parent |  | Mandatory |  |
| msisdn | String | Child msisdn |  | Mandatory |  |
| accountNum | String | Account number of the child | e.g. 85061234.00002 | Mandatory |  |
| ratePlan | String | Rate Plan of the child | 5GAAD | Mandatory | Rate plan after family change plan.  New rate plan if child rate plan is changed. |
| requester | String | Request user | e.g. IFC01 | Mandatory | plan\_request |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional | user\_rbd\_code |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Request**

|  |
| --- |
| {  "refSystem": "OM",  "refID": "123",  "custRef": "85038470",  "parentMsisdn": "52874251",  "parentAccountNum": "85038470.00001",  "parentPlan": "5GAAC",  "ChildList": [  {  "accountNum": "85038470.00006",  "msisdn": "52361089",  "ratePlan": "5GAAD "  },  {  "accountNum": "85038470.00007",  "msisdn": "52361090",  "ratePlan": "5GAAD "  },  {  "accountNum": "85038470.00005",  "msisdn": "52361083",  "ratePlan": "5GAAD "  },  {  "accountNum": "85038470.00003",  "msisdn": "52874403",  "ratePlan": "5GAAD "  }  ],  "requester ": "PJYang",  "salesman ": "PJYang",  "parallelRun": "1"  } |

**Sample Response**

Success Validation:

{

"resultCode": "0",

"resultMsg": ""

}

Reject validation:

{

"resultCode": "-1",

"resultMsg": "Multi-SIM mobile (5GABR) has over limit for data plan (5GABX)"

}

### Process Change Plan/add/end VAS action

**Purpose**

Process the change Plan/add/end VAS action

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/changePlanVas |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/changePlanVas |
| TYK (Production) |  |

API: / changePlanVas

Method: POST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Optional |  |
| newPlan | String | New Rate Plan for change plan |  | Optional |  |
| newPlanOpt | String | Plan bundle option for BM Plan |  | Optional |  |
| addVasList | Json Object Array | List of VAS to be activated |  | Optional |  |
| addVasList->vasCode | String | VAS Code |  | Mandatory |  |
| delVasList | JSON | List of VAS to be deactivated |  | Optional |  |
| delVasList-> vasCode | String | VAS Code |  | Mandatory |  |
| delVasList-> delReason | String | VAS Delete Reason |  | Optional |  |
| addBillList | JSON | List of Bill Code to be activated |  | Optional |  |
| addBillList-> billCode | String | Bill Code |  | Mandatory |  |
| delBillList | JSON | List of Bill Code to be deactivated |  | Optional |  |
| delBillList-> billCode | String | Bill Code |  | Mandatory |  |
| addServList | JSON | List of Service to be activated |  | Optional |  |
| addServList-> servCode | String | Service Code |  | Mandatory |  |
| addServList-> expiryDate | Strting | DD/MM/YYYY |  | Optional |  |
| delServList | JSON | List of Service to be deactivated |  | Optional |  |
| delServList->servCode | String | Service Code |  | Mandatory |  |
| param | JSON | Additional parameter for rate plan/VAS |  | Optional |  |
| param->tagOnMobile | String | Parent number or Main number |  | Optional |  |
| param->dataNum | String | Data Number |  | Optional |  |
| param->faxNum | String | Fax Number |  | Optional |  |
| param->messagingNum | String | Messaging number for Secretarial Service |  | Optional |  |
| param->ssrvNum | String | For Secretarial Service |  | Optional |  |
| param->t12Sim | String | T12 SIM |  | Optional |  |
| param->macauNo | String | New Macau Number | e.g. 66222333 | Optional | Required for Macau 1C2N service |
| param->secPassw | String | For Secretarial Service |  | Optional |  |
| param->secGreeting | String | For Secretarial Service |  | Optional |  |
| param->domainName | String | For MVR service |  | Optional |  |
| param->cli1 | String | CLI number for 1638 service |  | Optional | Required at least one (cli1/2/3) for 1638 IDD service |
| param->cli2 | String | CLI number for 1638 service |  | Optional |  |
| param->cli3 | String | CLI number for 1638 service |  | Optional |  |
| param->wifiUserName | String | WiFi UserName |  | Optional | Require for WiFi Service |
| param->vmType | String | Voice Mail Type |  | Optional |  |
| param->autoRecontract | String | Auto Recontract Flag |  | Optional |  |
| param->stfid | String | Staff ID |  | Optional |  |
| param->stfname | String | Staff Name |  | Optional |  |
| param->email | String | (encrypted) |  | Optional |  |
| param->chkNRDowngrade | String | Check NR Downgrade |  | Optional |  |
| param->chinaNumInfo | JSON | Info for China number |  | Optional |  |
| param->chinaNumInfo->chinaNum | String | China number |  | Mandatory |  |
| param->chinaNumInfo->vasType | String | VAS Type for the China number | U1C2N  G1C2N  EasyNum  For EasyNum/U1C2N, the caller should handle the RNR flow (e.g. image upload/update ICP). | Mandatory |  |
| param-> chinaNumInfo-> c1c2nRefId | String | 1C2N Reference ID |  |  |  |
| param->rioMsisdn | String |  |  | Optional |  |
| param->rioImsi | String |  |  | Optional |  |
| mktgCodeList | Json Object Array | List of marketing codes to be invoiced in FES but included in the OM marketing code control |  |  |  |
| mktgCodeList->mktgCode | String | Marketing code |  | Mandatory |  |
| mktgCodeList->ldCode | String | LD Code |  | Optional |  |
| mktgCodeList->refCode | String | Reference code |  | Optional |  |
| mktgCodeList->expiryDate | String | LD expiry date |  | Optional | LD Expiry Date [DD/MM/YYYY] (Please pass empty if no use) |
| remark | String | Remark |  | Optional |  |
| requester | String | Request user | e.g. IFC01 | Mandatory |  |
| apprUser | String | Approver.  For recording purpose.  Approval logic should be handled in the user interface. |  | Optional |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| userGroup | String | FES Group ID |  | Optional |  |
| handleBy | String | Handle by |  | Optional |  |
| rbdCode | String | RBD Code | e.g IFC | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"85061234",

"msisdn":"91234567",

"acountNum":"85061234.00001",

"effectiveDate":"2024-10-01 00:00:00",

"newPlan":"5GAAC",

“addVasList”: [{

“VasCode":"LDP01”,

},{

“VasCode":" KKBO5”

},{

“VasCode":" GMUE8”

}],

“delVasList”: [{

“VasCode":"UDP01”,

}],

“Param”: [{

“ChinaNumInfo”: [{

“ChinaNum”:””,

“vasType”:” U1C2N”

}]

}],

“mktgCodeList”: [{

“mktgCode”:”MKT01”,

“ldCode”:””

“expiryDate”:” 15/08/2030”

},{

“mktgCode”:”MKTXX”

}],

"requester":"CWB01",

"salesman":"SA4012",

"rbdCode":"CWB",

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

Success response:

{

"resultCode": "0",

"resultMsg": "”,

“caseID”:” ORDER000001882553800”

}

Failure response:

{

"resultCode": "-1",

"resultMsg": "131: Suspend RoamFlex usage (RFOFF) must add together with RDC89/ ADP01/ RDC89/ RDC91/ RDC92/ RDC94/ RDC97/ RDC98/ RDE01/ RDE04/ RDE04/ RDE82/ RDE82 / RDG16/ RDE86/ RDE86 / RDG19/ RDG01/ RDG02/ RDG03/ RDG04/ RDG05/ RDG10/ RDG12/ RDG14/ RDG16/ RDG16/ RDG19 "

“caseID”:” ORDER000001882554400”

}

### Activate/ allocate data to Family Child

**Purpose**

Activate/ un-activate data allocation to Child Subline under a Family plan.

**Logic & Conditions**

The action always executed immediately without pending.

If “authorizeChild” is not null , then do Authorize or unauthorize a child

If “allocationBar” is not null, then do data allocation

if input “authorizeChild” and “allocationBar” is null , then reject (no action)

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/service/actChildData](https://tykapi-u.hksmartone.com:8443/om/service/actChildData) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/actChildData](https://tykapi-u.hksmartone.com:8443/om/service/actChildData) |
| TYK (Production) |  |

API: /actChildData

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| authorizeChild | String | Authorize or unauthorize a child | e.g. Y / N | Optional |  |
| allocateBillCode | String | Bill code for data assigned to Child (for existing system use) | e.g. FC013 | Optional | This is for update to Geneva.  For New billing, pls use spendingLimited for assign data  allocateBillCode is null and allocationBar is not null means to remove data allocation in old world |
| allocationBar | String | Allocation bar for data assigned to Child | e.g. Y / N | Optional | If allocationBar is not null then will do data allocation by allocateBillCode or spendingLimit  If allocationBar is null then no update data allocation |
| spendingLimit | String | Data to be assigned to Child (for new system use) | e.g. 13 (unit GB) | Optional | This is for update New Billing  “-1” value to be sent to set the limit to unlimited |
| requester | String | Request username for audit trail log | e.g. MayChan | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Request Combination**

Below parameter combinations are accepted for this call only; otherwise, the error code is returned

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parallel Run** | **allocateBillCode** | **allocationBar** | **spendingLimit** | **Response** |
| 0 | FC013 | Y/N | N/A | Return result |
| 1 | null | Y/N | 13 | Return result |
| 2 | FC013 | Y/N | 13 | Return result |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "authorizeChild ":"Y",  "allocateBillCode":"FC013",  "allocationBar ":"",  "spendingLimit ":"13",  "requester":"MayChan"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Service barring

**Purpose**

Bar / debar incoming call &/or outgoing call; Bar/ debar data service.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/service/barring](https://tykapi-u.hksmartone.com:8443/om/service/barring) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/barring](https://tykapi-u.hksmartone.com:8443/om/service/barring) |
| TYK (Production) |  |

API: /barring

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. IFC01 | Mandatory |  |
| deBar | String | Debar service | e.g. Y / N | Optional |  |
| inOutBar | String | Bar incoming/ outgoing call | e.g. Y / N | Optional |  |
| outBar | String | Bar outgoing call | e.g. Y / N | Optional |  |
| dataBar | String | Urgent suspend data service | e.g. Y / N | Optional |  |
| handlingFee | String | handling fee | e.g. COS | Optional |  |
| waive | String | Wavie handling fee | Y / N | Optional |  |
| salesman | String | Salesman code | SA4032 | Optional |  |
| rdbCode | String | RBD code | IFC | Optional |  |
| remark | String | Remark |  | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Request Combination**

Below parameter combinations are accepted for this call only; otherwise, the error code is returned

|  |  |  |  |
| --- | --- | --- | --- |
| **deBar** | **inOutBar** | **outBar** | **Response** |
| Y | N | N | Return result |
| N | Y | N | Return result |
| N | N | Y | Return result |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"IFC01",  "deBar":"N",  "inOutBar":"Y",  "outBar":"N",  "dataBar":"N",  "handlingFee":"",  “waive”: “”,  "salesman":"SA4032",  "rdbCode":"IFC",  "remark":""  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Top Up

**Purpose**

Top-up data service for Customer.

**Logic & Conditions**

The action always executed immediately without pending.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com:8443/om/service/dataTopup> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com:8443/om-stg/service/dataTopup](https://tykapi-u.hksmartone.com:8443/om-stg/service/dataTopup) |
| TYK (Production) |  |

API: /dataTopup

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Optional |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| imsi | String | IMSI of mobile number | e.g. 454061914911349 | Optional |  |
| actionCode | String | Action code for Topup (Local Topup, Roaming FUP Topup, GBA Topup, RoamFlex Topup based on the action code) | e.g. Add\_NR\_TopUp | Mandatory |  |
| actionContent | String | Action content for Topup | e.g. 1 | Mandatory |  |
| hlr | String | HLR/Replier | e.g. 61137045 | Mandatory |  |
| vlr | String | VLR/OA | e.g. | Optional |  |
| requester | String | Request user | e.g. IFC01 | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"",  "msisdn":"61137045",  "accountNum":"",  "imsi":"",  "actionCode":"Add\_NR\_TopUp",  "actionContent":"1",  “hlr”:" 61137045",  "vlr":"",  "requester":"IFC01"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg": "Missing input parameter"  "caseID":""  } |

### First Use

**Purpose**

First use of data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com:8443/om/service/dataFirstuse> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com:8443/om-stg/service/dataFirstuse](https://tykapi-u.hksmartone.com:8443/om-stg/service/dataFirstuse) |
| TYK (Production) |  |

API: /dataFirstuse

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Optional |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| firstuseBillcode | String | First use bill code | e.g. | Mandatory |  |
| actionCode | String | Action code for first use bill code | e.g. Add\_NR\_DRDP\_MD\_CDR | Mandatory |  |
| roamOper | String | Roaming operator code | e.g. GBRVF | Mandatory |  |
| countryZone | String | Roaming country zone | e.g. 2 | Mandatory |  |
| ldayendHKdt | String | Local day end of HK time | e.g. 2021-05-22 06:59:59 | Mandatory |  |
| localEvent | String | Local event time | e.g. 2021-05-21 00:01:08 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"",  "msisdn":"61137045",  "accountNum":"",  "effectiveDate":"2024-10-01 00:00:00",  “firstuseBillcode”:””,  "actionCode":”Add\_NR\_DRDP\_MD\_CDR”,  "roamOper":”GBRVF”,  "countryZone":”2”,  "ldayendHKdt":”2021-05-22 06:59:59”,  "localEvent":”2021-05-21 00:01:08”,  "requester":"CWB01"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Local Data Bar

**Purpose**

Bar local data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/localDatabar> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/localDatabar](https://tykapi-u.hksmartone.com/om-stg/service/localDatabar) |
| TYK (Production) |  |

API: /localDatabar

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| servCode | String |  |  |  |  |
| priority | String |  | e.g. 5 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| expiryDate | String | Expiry Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"",  "effectiveDate":"2024-10-01 00:00:00",  "newPlan":"",  "newOpt":"",  "newVas":"",  "endVas":"",  "newBC":"",  "endBC":"",  "newSC":"",  "endSC":"",  "vasNum":"",  " waiveLic":"N",  "priority":"5",  "requester":"CWB01",  "expiryDate":"2024-10-01 00:00:00"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "”  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Apply Local FUP

**Purpose**

Apply FUP for local data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/applyFUPlocal> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/applyFUPlocal](https://tykapi-u.hksmartone.com/om-stg/service/applyFUPlocal) |
| TYK (Production) |  |

API: /applyFUPlocal

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| Priority | String | Priority | e.g. 5 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| expiryDate | String | Expiry Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Optional |  |
| servCode | String | Service Code | e.g. LOCAL\_FUP | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"",  "effectiveDate":"2024-10-01 00:00:00",  “priority”:”5”,  "requester":"CWB01",  "expiryDate":"2024-10-01 00:00:00"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Apply Roaming FUP

**Purpose**

Apply FUP for roaming data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/apply>FUProam |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om/service-stg/apply](https://tykapi-u.hksmartone.com/om/service-stg/apply)FUProam |
| TYK (Production) |  |

API: /applyFUProam

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory | No pending order, always execute immediately, even the effective date is in future time |
| fupLevel | String | FUP level | e.g. LV1 | Mandatory |  |
| Priority | String | Priority | e.g. 5 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| expiryDate | String | Expiry Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Optional |  |
| servCode | String | Service Code | e.g. LOCAL\_FUP | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"AV904901",  "custRef":"04361102",  "msisdn":"61137045",  "accountNum":"",  "effectiveDate":"2024-10-01 00:00:00",  “fupLever”:”LV1”,  “priority”:”5”,  “requester”:”CWB01”,  "expiryDate":"2024-10-01 00:00:00"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Bar or Suspend Roaming Data

**Purpose**

Bar roaming data service or suspend roaming data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com:8443/om/service/roamDataBarSuspend> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com:8443/om-stg/service/roamDataBarSuspend](https://tykapi-u.hksmartone.com:8443/om-stg/service/roamDataBarSuspend) |
| TYK (Production) |  |

API: /roamDataBarSuspend

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| priority | String | Priority | e.g. 5 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| servCode | String | Service Code | e.g.  **Roam data pack bar:**  ROAM\_DATA\_PACK\_BAR\_SAP  **Roam data pack suspend:**  ROAM\_DATA\_PACK\_SUSPEND\_AP4 | Mandatory |  |
| expiryDate | String | Expiry Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"",  "effectiveDate":"2024-10-01 00:00:00",  “priority”:”5”,  "requester":"CWB01",  “servCode”:” ROAM\_DATA\_PACK\_BAR\_SAP”,  "expiryDate":"2024-10-01 00:00:00"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <> 0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Change of VM language

**Purpose**

To change the preferred language of VM (Voice Mail) for Customer

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com:8443/om/service/changeVMLang |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com:8443/om-stg/service/changeVMLang |
| TYK (Production) |  |

API: /changeVMLang

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| lang | String | Preferred Language | e.g. C / E / M | Mandatory | C – Cantonese E – English M – Mandarin |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| provisioning | String | Yes or No flag for provisioning or not | e.g. Y / N (DEFAULT=Y) | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on UAT |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"85061234",

"msisdn":"91234567",

"accountNum":"",

“lang”:”E”,

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <> 0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": ""

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Process Billing Notification

**Purpose**

Process billing notification (e.g. bar service).

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/service/processBillingNotification](https://tykapi-u.hksmartone.com/om/service/bar) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/processBillingNotification](https://tykapi-u.hksmartone.com/om/service/bar) |
| TYK (Production) |  |

API: /processBillingNotification

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | optional |  |
| reasonCode | String | Reason Code |  | optional |  |
| servCode | String | Service Code | e.g. LOCAL\_FUP | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| expiryDate | String | Expiry Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | optional |  |
| requester | String | Request username | e.g. IFC01 | Mandatory |  |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "reasonCode":"test",  "servCode":"LOCAL\_FUP",  "effectiveDate":"2024-10-01 00:00:00",  "expiryDate":"2024-10-01 00:00:00",  "requester":"IFC01"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Local Data Debar

**Purpose**

Bar local data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/localDataDebar> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/localDataDebar](https://tykapi-u.hksmartone.com/om-stg/service/localDataDebar) |
| TYK (Production) |  |

API: /localDataDebar

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| priority | String |  | e.g. 5 | Mandatory |  |
| delAllocBar | String |  | e.g. N | Optional |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"",  "delAllocBar":"N",  "priority":"5",  "requester":"CWB01"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Release Local FUP

**Purpose**

Apply FUP for local data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/releaseFUPlocal> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/releaseFUPlocal](https://tykapi-u.hksmartone.com/om-stg/service/releaseFUPlocal) |
| TYK (Production) |  |

API: /releaseFUPlocal

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| Priority | String | Priority | e.g. 5 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"",  “priority”:”5”,  "requester":"CWB01"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Release Roaming FUP

**Purpose**

Apply FUP for roaming data service for Customer.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/service/release>FUProam |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/service/release](https://tykapi-u.hksmartone.com/om-stg/service/release)FUProam |
| TYK (Production) |  |

API: /releaseFUProam

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 04361102 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 61137045 | Mandatory |  |
| accountNum | String | Account Number | e.g. 04361102.00001 | Optional |  |
| fupLevel | String | FUP level | e.g. LV1 | Mandatory |  |
| Priority | String | Priority | e.g. 5 | Mandatory |  |
| requester | String | Request username | e.g. CWB01 | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"AV904901",  "custRef":"04361102",  "msisdn":"61137045",  "accountNum":"",  “fupLever”:”LV1”,  “priority”:”5”,  “requester”:”CWB01”  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "caseID":"ORDER000001882553800"  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Change Handset

**Purpose**

1.1. Change Handset

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/chgHandset |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/chgHandset |
| TYK (Production) |  |

API: / chgHandset

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| custNum | String | Customer Reference | e.g. 88066986 | Mandatory |  |
| subrNum | String | MSISDN | e.g. 55004920 | Mandatory |  |
| imei | String | imei |  | Mandatory |  |
| supportVoLTE | String | Support VoLTE | Y/N | Mandatory |  |
| isMBB | String | Is MBB | Y/N | Mandatory |  |
| maxSpeedCAT | String | Max Speed CAT | Y/N | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {      "custNum": "88066986",      "subrNum": "55004920",      "imei": "1",      "supportVoLTE": "N",      "isMBB": "Y",      "maxSpeedCAT": "Y",      "parallelRun": "1"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |

**Sample Response**

Success response:

|  |
| --- |
| {      "resultCode": 0,      "resultMsg": ""  } |

Failure response:

Error

|  |
| --- |
| {      "resultCode": 120,      "resultMsg": "Get\_Subr\_Data2(101): get\_subr\_data2 : No record found."  } |

### EChgVas

**Purpose**

1.1. EChgVas

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/service/eChgVas |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/service/eChgVas |
| TYK (Production) |  |

API: / eChgVas

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| msisdn | String | MSISDN | e.g. 55000826 | Mandatory |  |
| addList | String | Add Vas list | 9VM, LDP01 | Optional |  |
| endList | String | Delete Vas list | 9VM | Optional |  |
| mktgCode | String | Market Code |  | Optional |  |
| remark | String | Remark |  | Optional |  |
| requester | String | Requester |  | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {      "msisdn": "55000826",      "addList": "9VM",      "endList": "",      "mktgCode": "",      "remark": "",      "requester": "OMTest",      "parallelRun": "1"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |

**Sample Response**

Success response:

|  |
| --- |
| {      "resultCode": “0”,      "resultMsg": ""  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error"  } |

## Profile Change

### Change owner

**Purpose**

Change of mobile number ownership to existing Customer.

**Logic & Conditions**

1. The action will be added to the order pending queue with effective from effective date.
2. For RnR, it must be select 1 of the 4 options rnrBypass, rnrCorp, rnrGov, rnrMachine for parameters input.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/chgOwner](https://tykapi-u.hksmartone.com:8443/om/profile/chgOwner) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/chgOwner](https://tykapi-u.hksmartone.com:8443/om/profile/chgOwner) |
| TYK (Production) |  |

API: /chgOwner

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| existCustRef | String | Customer Reference | e.g. 85063131 | Mandatory |  |
| dealerCode | String | Dealer Code | e.g. AC0006000 | Optional |  |
| ownerContactEmail | String | Owner Contact Email  (encrypted) | e.g. [owner1@gmail.com](mailto:owner1@gmail.com) | Optional |  |
| ownerPreferLang | String | Owner Preferred Language | e.g. CHN / ENG | Mandatory |  |
| clearPrevProf | String | Clear previous user profile | e.g. Y / N | Optional |  |
| rnrBypass | Array of String | RNR-B: Bypass (encrypted) | e.g.  "rnrBypass": [  {  "chnLastName": "陳",  "chnFirstName": "大文",  "remark":""  }  ] | Optional |  |
| rnrCorp | Array of String | RNR-C: Corp (encrypted) | e.g.  "rnrCorp": [  {  "chnLastName": "陳",  "chnFirstName": "大文"  }  ] | Optional |  |
| rnrGov | Array of String | RNR-G: Government (encrypted) | e.g.  "rnrGov": [  {  "chnLastName": "陳",  "chnFirstName": "大文",  "respUserLastName": "Chan",  "respUserFirstName": "Bill",  "respUserChinLastName": "陳",  "respUserChinFirstName": "標"  }  ] | Optional |  |
| rnrMachine | Array of String | RNR-M: Machine (encrypted) | e.g.  "rnrMachine": [  {  "chnLastName": "陳",  "chnFirstName": "大文",  "respUserLastName": "Chan",  "respUserFirstName": "Bill",  "respUserChinLastName": "陳",  "respUserChinFirstName": "標"  }  ] | Optional |  |
| usrContactEmail | String | User contact email (encrypted) | e.g. [user1@gmail.com](mailto:user1@gmail.com) | Optional |  |
| usrPreferLang | String | User Preferred Language | e.g. CHN / ENG | Optional |  |
| usrContactNum1 | String | First user contact number | e.g. 91234567 | Optional |  |
| usrContactNum2 | String | Second user contact number | e.g. 92345678 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman code | e.g. SA4032 | Optional |  |
| rdbCode | String | RDB code | e.g. IFC | Optional |  |
| remark | String | Remark |  | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "existCustRef":"85063131",  "dealerCode":"AC0006000",  "ownerContactEmail":"[owner1@gmail.com](mailto:owner1@gmail.com)",  "ownerPreferLang":"ENG",  "clearPrevProf":"Y",  "rnrCorp": [  {  "chnLastName": "陳",  "chnFirstName": "大文"  }  ],  "usrContactEmail":”[user1@gmail.com](mailto:user1@gmail.com)”,  "usrPreferLang":"CHN",  "usrContactNum1":"91234567",  "usrContactNum2":"92345678",  "requester":"MayChan",  "salesman":"SA4032",  "rdbCode":"IFC",  “remark”:””  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Setup Owner Username

**Purpose**

Create new or migrate LoginNow user

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/profile/LGNMigrate |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/LGNMigrate |
| TYK (Production) |  |

API: /LGNMigrate

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Optional |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| ownerUsername | String | LGN username |  | Optional |  |
| encryptedOwnerUsername | String | LGN encrypted username |  | Optional |  |
| encryptedOwnerUppername | String | LGN encrypted upper username |  | Optional |  |
| dummyUsername | String | LGN dummy username |  | Optional |  |
| encryptedDummyUsername | String | LGN encrypted dummy username |  | Optional |  |
| encryptedDummyUppername | String | LGN encrypted dummy upper username |  | Optional |  |
| encryptedOwnerUsername | String | LGN encrypted username |  | Optional |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| loginUser | String | Login User | e.g. SA4032 | Optional |  |
| migrateType | String | Migrate type | e.g. NEW/MIGRATE | Optional |  |
| loginID | String | LoginNow id |  | Optional | If migrate\_type is MIGRATE then loginid is mandatory |
| contactNo1 | String | 1st contact number | e.g. 91234567 | Optional |  |
| contactNo2 | String | 2nd contact number | e.g. 91234567 | Optional |  |
| contactEmail | String | 1st contact email  (encrypted) | e.g. abc@gmail.com | Optional |  |
| contactLang | String | Contact language | e.g. CHN/ENG | Optional |  |
| actionType | String | Action type | e.g. save | Optional |  |
| caseID | String | Existing Case ID | e.g. ORDER000001882553800 | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "loginUser":"SA4012",  "migrateType":"NEW",  "loginID":"",  "contactNo1":"91234567",  "contactNo2":"91234568",  "contactEmail":"test@gmail.com",  "contactLang":"CHN",  "actionType":"save",  "caseID":"",  "backupEmail":""  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Group / UnGroup Username

**Purpose**

Group or ungroup LoginNow user

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/LGNGrouping](https://tykapi-u.hksmartone.com/om/service/LGNGrouping) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/LGNGrouping](https://tykapi-u.hksmartone.com/om/service/LGNGrouping) |
| TYK (Production) |  |

API: /LGNGrouping

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | optional |  |
| msisdn | String | Msisdn | e.g. 91234567 | optional |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| loginUser | String | Login User | e.g. SA4032 | Optional |  |
| loginID | String | LoginNow id |  | Optional |  |
| addList | String | Group Number list | e.g. 1,91234567|2,91234568|3, 98765432 | Mandatory |  |
| custTitle | String | Customer title | e.g. Mr | Optional |  |
| lastName | String | Customer last name  (encrypted) | e.g. Chan | Optional |  |
| firstName | String | Customer first name  (encrypted) | e.g. Andy | Optional |  |
| custTitleChi | String | Chinese customer title | e.g. 先生 | Optional |  |
| lastNameChi | String | Chinese customer last name  (encrypted) | e.g. 陳 | Optional |  |
| firstNameChi | String | Chinese customer first name  (encrypted) | e.g. 大文 | Optional |  |
| birth | String | Date of Birth  [Format : yyyy-MM-dd]  (encrypted) | e.g. 2000-01-01 | Optional |  |
| nationality | String | Nationality | e.g. CN | Optional |  |
| contactNo1 | String | 1st contact number | e.g. 91234567 | Optional |  |
| contactNo2 | String | 2nd contact number | e.g. 91234567 | Optional |  |
| contactEmail | String | 1st contact email  (encrypted) | e.g. [abc@gmail.com](mailto:abc@gmail.com) | Optional |  |
| contactLang | String | Contact language | e.g. CHN | Optional |  |
| commAddr1 | String | Address line1  (encrypted) | Line1 | Optional |  |
| commAddr2 | String | Address line2  (encrypted) | Line2 | Optional |  |
| commAddr3 | String | Address line3 (encrypted) | District | Optional |  |
| commAddr4 | String | Address line4 (encrypted) | City | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "loginUser":"SA4012",  "addList":"98769876,98769877",  "custTitle":"Mr",  "lastName":"Chan",  "firstName":"Andy",  "custTitleChi":"先生",  "lastNameChi":"陳",  "firstNameChi":"大文",  "birth":"2000-01-01",  "nationality":"CN",  "contactNo1":"91234567",  "contactNo2":"91234568",  "[contactEmail":"abc@gmail.com](mailto:contactEmail%22:%22abc@gmail.com)",  "contactLang":"CHN",  "commAddr1":"flat X, XX/F, block X",  "commAddr2":"XX garden",  "commAddr3":" District",  "commAddr4":"N.T."  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  } |

### Change Contact Info / Access CDR

**Purpose**

Update LoginNow onwer information

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/LGNUpdOwnerInfo](https://tykapi-u.hksmartone.com/om/service/LGNUpdOwnerInfo) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/LGNUpdOwnerInfo](https://tykapi-u.hksmartone.com/om/service/LGNUpdOwnerInfo) |
| TYK (Production) |  |

API: /LGNUpdOwnerInfo

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| loginUser | String | Login User | e.g. SA4032 | Optional |  |
| custTitle | String | Customer title | e.g. Mr | Optional |  |
| lastName | String | Customer last name  (encrypted) | e.g. Andy | Optional |  |
| firstName | String | Customer first name  (encrypted) | e.g. Chan | Optional |  |
| custTitleChi | String | Chinese customer title | e.g. 先生 | Optional |  |
| lastNameChi | String | Chinese customer last name  (encrypted) | e.g. 大文 | Optional |  |
| firstNameChi | String | Chinese customer first name  (encrypted) | e.g. 陳 | Optional |  |
| birth | String | Date of Birth  [Format : yyyy-MM-dd]  (encrypted) | e.g. 2000-01-01 | Optional |  |
| idType | String | ID type | e.g. I | Optional | ID type (I/P/B/G/N/S/T/C/U) |
| hkid | String | HKID  (encrypted) | e.g. A123456(7) | Optional |  |
| curridType | String | Current ID type | e.g. I | Optional | Current ID type (I/P/B/G/N/S/T/C/U) |
| currhkid | String | Current HKID  (encrypted) | e.g. A123456(7) | Optional |  |
| contactNo1 | String | 1st contact number | e.g. 91234567 | Optional |  |
| contactNo2 | String | 2nd contact number | e.g. 91234567 | Optional |  |
| contactEmail | String | 1st contact email  (encrypted) | e.g. [abc@gmail.com](mailto:abc@gmail.com) | Optional |  |
| contactLang | String | Contact language | e.g. CHN | Optional |  |
| nationality | String | Nationality | e.g. CN | Optional |  |
| commAddr1 | String | Address line1  (encrypted) |  | Optional |  |
| commAddr2 | String | Address line2  (encrypted) |  | Optional |  |
| commAddr3 | String | Address line3  (encrypted) |  | Optional |  |
| commAddr4 | String | Address line4 (encrypted) |  | Optional |  |
| delChiTitle | String | Delete Chinese title | e.g. Y/N | Optional | If this flag is Y then custTitleChi will become “ “ |
| hasRNR | String |  | e.g. Y/N | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "loginUser":"SA4012",  "custTitle":"Mr",  "lastName":"Andy",  "firstName":"Chan",  "custTitleChi":"先",  "lastNameChi":"生",  "firstNameChi":"陳",  "birth":"2000-01-01",  "idType":"I",  "hkid":"A234234(1)",  "curridType":"I",  "currhkid":"A223223(2)",  "contactNo1":"91234567",  "contactNo2":"91234568",  “[contactEmail":"abc@gmail.com](mailto:contactEmail%22:%22abc@gmail.com),  "contactLang":"CHN",  "nationality":"CN",  "commAddr1":"flat X, XX/F, block X",  "commAddr2":"XX garden",  "commAddr3":"",  "commAddr4":"N.T.",  "delChiTitle":"N",  "hasRNR":"N"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  } |

### Add / Delete Authorization / Access CDR

**Purpose**

LoginNow user Authiorisation

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/LGNAuthorize](https://tykapi-u.hksmartone.com/om/service/LGNAuthorize) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/LGNAuthorize](https://tykapi-u.hksmartone.com/om/service/LGNAuthorize) |
| TYK (Production) |  |

API: /LGNAuthorize

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| loginUser | String | Login User | e.g. SA4032 | Optional |  |
| contactUpdOnly | String |  |  | Optional |  |
| custTitle | String | Customer title | e.g. Mr | Optional |  |
| lastName | String | Customer last name  (encrypted) | e.g. Andy | Optional |  |
| firstName | String | Customer first name  (encrypted) | e.g. Chan | Optional |  |
| custTitleChi | String | Chinese customer title | e.g. 先生 | Optional |  |
| lastNameChi | String | Chinese customer last name  (encrypted) | e.g. 大文 | Optional |  |
| firstNameChi | String | Chinese customer first name  (encrypted) | e.g. 陳 | Optional |  |
| birth | String | Date of Birth  [Format : yyyy-MM-dd]  (encrypted) | e.g. 2000-01-01 | Optional | ID type (I/P/B/G/N/S/T/C/U) |
| hkid | String | HKID  (encrypted) | e.g. A123456(7) | Optional |  |
| gender | String | Gender | e.g. I | Optional | Current ID type (I/P/B/G/N/S/T/C/U) |
| nationality | String | Nationality | e.g. A123456(7) | Optional |  |
| contactNo1 | String | 1st contact number | e.g. 91234567 | Optional |  |
| contactNo2 | String | 2nd contact number | e.g. 91234567 | Optional |  |
| contactEmail | String | 1st contact email  (encrypted) | e.g. [abc@gmail.com](mailto:abc@gmail.com) | Optional |  |
| contactLang | String | Contact language | e.g. CHN | Optional |  |
| commAddr1 | String | Address line1  (encrypted) |  | Optional |  |
| commAddr2 | String | Address line2  (encrypted) | e.g. CN | Optional |  |
| commAddr3 | String | Address line3 (encrypted) |  | Optional |  |
| commAddr4 | String | Address line4 (encrypted) |  | Optional |  |
| subrUpdCaseID | String |  | e.g. ORDER000001882553800 | Optional |  |
| billUpdCaseID | String |  | e.g. ORDER000001882553800 | Optional |  |
| contactUpdCaseID | String |  | e.g. ORDER000001882553800 | Optional |  |
| verifiedUserHKID | String | User HKID verified flag | e.g. Y/N | Optional |  |
| isOwnerSigned | String | Owner signed flag | e.g. Y/N | Optional |  |
| continueRec | String |  | e.g. Y/N | Optional |  |
| unauthorize | String | Unauthorize flag | e.g. Y/N | Optional |  |
| DMFlag | String | DM flag | e.g. Y/N | Optional |  |
| delTitle | String | Delete title flag | e.g. Y/N | Optional | If this flag is Y then title will become “ “ |
| delChiTitle | String | Delete chiTitle flag | e.g. Y/N | Optional | If this flag is Y then chiTitle will become “ “ |
| delGender | String | Delete gender flag | e.g. Y/N | Optional | If this flag is Y then gender will become “ “ |
| delDOB | String | Delete birth flag | e.g. Y/N | Optional | If this flag is Y then birth will become “ “ |
| newForm | String | New form flag | e.g. Y/N | Optional |  |
| cdrInd | String | CDR(Owner Agrees Not to Access Usage and Call Details) indicator | e.g. Y/N | Optional |  |
| cdrCaseID | String |  | e.g. ORDER000001882553800 | Optional |  |
| cdrVerifiedUserHKID | String |  | e.g. Y/N | Optional |  |
| smartonePlusDMFlag | String | Smartone plus DM flag | e.g. Y/N | Optional |  |
| pointDMFlag | String | The point DM flag | e.g. Y/N | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012",  "loginUser":"SA4012",  "contactUpdOnly":"N",  "custTitle":"Mr",  "lastName":"Andy",  "firstName":"Chan",  "custTitleChi":"先",  "lastNameChi":"生",  "firstNameChi":"陳",  "birth":"2000-01-01",  "hkid":"Z111111(7)",  "gender":"M",  "nationality":"CN",  "contactNo1":"91234567",  "contactNo2":"91234568",  "[contactEmail":"abc@gmail.com](mailto:contactEmail%22:%22abc@gmail.com)",  "contactLang":"CHN",  "commAddr1":"flat X, XX/F, block X",  "commAddr2":"XX garden",  "commAddr3":"",  "commAddr4":"N.T.",  "subrUpdCaseID":"",  "billUpdCaseID":"",  "contactUpdCaseID":"",  "verifiedUserHKID":"",  "isOwnerSigned":"Y",  "continueRec":"N",  "unauthorize":"Y",  "DMFlag":"N",  "delTitle":"N",  "delChiTitle":"N",  "delGender":"N",  "delDOB":"N",  "newForm":"Y",  "cdrInd":"N",  "cdrCaseID":"",  "cdrVerifiedUserHKID":"",  "smartonePlusDMFlag":"N",  "pointDMFlag":"N",  "rejectPointDM":"N"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

Error

|  |
| --- |
| {  "resultCode": "-1",  "resultMsg":"System Error",  } |

### Customer Update

**Purpose**

Update Customer information for CForm and Profile Mgmt.

**Logic & Conditions**

1. The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/updCustInfo](https://tykapi-u.hksmartone.com:8443/om/profile/updCustInfo) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/updCustInfo](https://tykapi-u.hksmartone.com:8443/om/profile/updCustInfo) |
| TYK (Production) |  |

API: /updCustInfo

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman code | e.g. SA4032 | Optional |  |
| rdbCode | String | RDB code | e.g. IFC | Optional |  |
| title | String | Title | e.g. Mr / Mrs / Ms / Corp | Optional |  |
| chiTitle | String | Chinese Title | e.g. 先生 | Optional |  |
| lastName | String | Last Name (encrypted) | e.g. So | Optional |  |
| otherName | String | Other Name (encrypted) | e.g. Mee | Optional |  |
| chiLastName | String | Chinese Last Name (encrypted) | e.g. 蘇 | Optional |  |
| chiOtherName | String | Chinese Other Name (encrypted) | e.g. 眉 | Optional |  |
| idbrType | String | ID Type | e.g. I - HK ID  B - BR  P - Non China/Macau Passport  N - No BR  G - Government  S - SMC  T - Two-way permit  C - China Passport  U - Macau ID/Passport | Optional |  |
| hkidbr | String | HKID / BR (encrypted) | e.g. A222222(4) | Optional |  |
| branchCode | String | Branch Code | For CForm  e.g. | Optional |  |
| branchName | String | Branch Name | For CForm  e.g. | Optional |  |
| chiBranchName | String | Chinese Branch Name | For CForm  e.g. | Optional |  |
| birthDate | String | Date of Birth (encrypted) | e.g. 25-10-2000 (DDD-MM-YYYY) | Optional |  |
| gender | String | Gender | e.g. M / F | Optional |  |
| custType | String | Customre Type | For ProfileMgmt  e.g.  FPERS – Wireless FL Personal account  FBUSI - Wireless FL Business account | Optional |  |
| industryCode | String | Industry Code | For both CForm and ProfileMgmt  e.g.   BANK - Banking  COURIER - Courier  GOV – Government Dept | Optional |  |
| refCode | String | Reference Code | e.g. 00000 | Optional |  |
| regSmsTopup | String | Registrant (Topup SMS) | e.g. | Optional |  |
| handlingFee | String | handling fee | e.g CON | Optional |  |
| waive | String | Waive | e.g. Y | Optional |  |
| remark | String | Remark | For both CForm and ProfileMgmt | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"AV904901",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"MayChan",  "salesman":"SA4032",  "rdbCode":"IFC",  "title":"Ms",  "chiTitle":"",  "lastName":"So",  "otherName":"Mee",  "chiLastName":"蘇",  "chiOtherName":"眉",  "idbrType":"I",  "hkidbr":"A222222(4)",  "branchCode":"",  "branchName":"",  "chiBranchName":"",  "birthDate":"2000-02-02",  "gender":"F",  "custType":"FPERS",  "industryCode":"",  "refCode":"",  "regSmsTopup":"91234567",  "handlingFee":"",  "waive":"",  “remark”:””  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Contact Update

**Purpose**

Update Customer contacts for CForm and Profile Mgmt.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/updCustContact](https://tykapi-u.hksmartone.com:8443/om/service/updCustContact) |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/[profile/](https://tykapi-u.hksmartone.com:8443/om/service/updCustContact)updCustContact |
| TYK (Production) |  |

API: /updCustContact

Method: POST

**Request Parameters**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | | | **Possible Value** | | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | | | e.g. ECSP / SAINV / STAPP/ …etc | | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | | | e.g. AV904901 | | Mandatory |  |
| custRef | String | Customer Reference | | | e.g. 85061234 | | Mandatory |  |
| msisdn | String | Msisdn | | | e.g. 91234567 | | Mandatory |  |
| accountNum | String | Account Number | | | e.g. 85061234.00001 | | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | | | e.g. 2024-10-01 00:00:00 | | Mandatory |  |
| requester | String | Request username | | | e.g. IFC01 | | Mandatory |  |
| billAttn | String | Billing attention (encrypted) | | |  | | Optional |  |
| mailAddrLine1 | String | Mailing address 1 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| mailAddrLine2 | String | Mailing address 2 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| mailAddrLine4 | String | Mailing address 4 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| mailAddrLine5 | String | Mailing address 5 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| billFax | String | Billing Fax | | |  | | Optional |  |
| contPerson | String | Contact person (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| regAttn | String | Register attention (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| regAddrLine1 | String | Register address 1 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| regAddrLine2 | String | Register address 2 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| regAddrLine4 | String | Register address 4  (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| regAddrLine5 | String | Register address 5 (encrypted) | | | For both CForm and ProfileMgmt | | Optional |  |
| custDaytimeContactTel | String | Contact No (Day) - Owner Level | | | For both CForm and ProfileMgmt | | Optional |  |
| custEveningContactTel | String | Contact No (Night) - Owner Level | | | For both CForm and ProfileMgmt | | Optional |  |
| subrDaytimeContactTel | String | Contact No (Day) - User Level | | | For both CForm and ProfileMgmt | | Optional |  |
| subrEveningContactTel | String | Contact No (Night) - User Level | | | For both CForm and ProfileMgmt | | Optional |  |
| mailAddrLine3 | String | Mailing address 3 (encrypted) | For ProfileMgmt | Optional |  | | | |
| regAddrLine3 |  | Register address 3  (encrypted) | For ProfileMgmt | Optional |  |
| imsi | String | IMSI (encrypted) | For ProfileMgmt | Optional |  |
| addrScanId | String | Address Scan ID  (encrypted) | For CForm | Optional |  |
| flatCode | String | Flat Description (Contact)  (encrypted) | | | e.g. FLAT | | Optional |  |
| flat | String | Flat (Contact) | | | e.g.7 | | Optional |  |
| blkCode | String | Block Description (Contact) (encrypted) | | | e.g. BLK | | Optional |  |
| blk | String | Block (Contact) | | | e.g. 7 | | Optional |  |
| flrCode | String | Floor Description (Contact) (encrypted) | | | e.g. FLOOR | | Optional |  |
| flr | String | Flat (Contact) (encrypted) | | | e.g. 7 | | Optional |  |
| bul | String | Buliding (Contact) (encrypted) | | |  | | Optional |  |
| est | String | Estate (Contact) (encrypted) | | | e.g. HONG SHING HOUSE | | Optional |  |
| stNo | String | Street No (Contact) (encrypted) | | | e.g. 73 | | Optional |  |
| st | String | Street (Contact) (encrypted) | | | e.g. TSUEN KING CIRCUIT | | Optional |  |
| lot | String | Location (Contact) (encrypted) | | | e.g. TSUEN WAN | | Optional |  |
| dc | String | District (Contact) (encrypted) | | | e.g. TSUEN WAN | | Optional |  |
| sDc | String | Sub District (Contact) (encrypted) | | |  | | Optional |  |
| ac | String | Area (Contact) (encrypted) | | | e.g. NT | | Optional |  |
| gMc | String | Mosaic Group (Contact) (encrypted) | | |  | | Optional |  |
| tMc | String | Mosaic Type (Contact) (encrypted) | | |  | | Optional |  |
| rFlatCode | String | Flat Description (Registered) (encrypted) | | |  | | Optional |  |
| rFlat | String | Flat (Registered) (encrypted) | | |  | | Optional |  |
| rBlkCode | String | Block Description (Registered) (encrypted) | | |  | | Optional |  |
| rBlk | String | Block (Registered) (encrypted) | | |  | | Optional |  |
| rFlrCode | String | Floor Description (Registered) (encrypted) | | |  | | Optional |  |
| rFlr | String | Flat (Registered) (encrypted) | | |  | | Optional |  |
| rBul | String | Buliding (Registered) (encrypted) | | |  | | Optional |  |
| rEst | String | Estate (Registered) (encrypted) | | |  | | Optional |  |
| rStNo | String | Street No (Registered) (encrypted) | | |  | | Optional |  |
| rSt | String | Street (Registered) (encrypted) | | |  | | Optional |  |
| rDc | String | District (Registered) (encrypted) | | |  | | Optional |  |
| rsDc | String | Sub District (Registered) (encrypted) | | |  | | Optional |  |
| rAc | String | Area (Registered) (encrypted) | | |  | | Optional |  |
| rgMc | String | Mosaic Group (Registered) (encrypted) | | |  | | Optional |  |
| rtMc | String | Mosaic Type (Registered) (encrypted) | | |  | | Optional |  |
| rLot | String | Location (Registered) (encrypted) | | |  | | Optional |  |
| rLotChi | String | Location (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rFltCodeChi | String | Flat Description (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rBlkCodeChi | String | Block Description (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rFlrCodeChi | String | Floor Description (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rBulChi | String | Buliding (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rEstChi | String | Estate (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rStChi | String | Street (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rDcChi | String | District (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rsDcChi | String | Sub District (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rAcChi | String | Area (Registered) Chinese (encrypted) | | |  | | Optional |  |
| rXCO | String | X-Coordinate (encrypted) | | | e.g. 829390 | | Optional |  |
| rYCO | String | Y-Coordinate (encrypted) | | | e.g. 826465 | | Optional |  |
| buildingId | String | smart address building id (encrypted) | | | e.g. BP\_1100003774 | | Optional |  |
| latitude | String | smart address latitude (encrypted) | | | e.g. 22.37737 | | Optional |  |
| longitude | String | smart address longitude (encrypted) | | | e.g. 114.11009 | | Optional |  |
| addrScore | String | smart address addrScore | | | e.g. 62.5 | | Optional |  |
| geoAddress | String | smart address geoAddress (encrypted) | | | e.g. 2938826460T20050430 | | Optional |  |
| salesman | String | Salesman code | | | e.g. SA4032 | | Optional |  |
| rdbCode | String | RDB code | | | e.g. IFC | | Optional |  |
| remark | String | Contact remark | | | For both CForm and ProfileMgmt | | Optional |  |
| parallelRun | String | parallelRun | | | e.g. 0, 1, 2 | | Optional | Only works on uat |
| handlingFee | String | Handling Fee | For both CForm and ProfileMgmt | Optional |  |
| waive | String | Waive | For both CForm and ProfileMgmt | Optional |  |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"IFC01",  "billAttn":"Peter Wong",  "mailAddrLine1":"FLAT 7 FLOOR 7 BLK 7",  "mailAddrLine2":"TSUEN KING GARDEN 73 TSUEN KING CIRCUIT",  "mailAddrLine4":"TSUEN WAN ",  "mailAddrLine5":"NT",  "billFax":"23456789",  "contPerson":"Peter Wong",  "regAttn":“Peter Wong",  "regAddrLine1":" FLAT 7 FLOOR 7 BLK 7",  "regAddrLine2":" TSUEN KING GARDEN 73 TSUEN KING CIRCUIT ",  "regAddrLine4":" TSUEN WAN ",  "regAddrLine5":"NT",  "custDaytimeContactTel":"",  "custEveningContactTel":"",  "subrDaytimeContactTel":"",  "subrEveningContactTel":"",  " mailAddrLine3":"",  " regAddrLine3":"",  " imsi":"",  " addrScanId":"",  "flatCode":"FLAT",  "flat":"7",  "blkCode":"BLK",  "blk":"7",  "flrCode":"FLOOR",  "flr":"7",  "bul":"",  "est":"HONG SHING HOUSE",  "stNo":"73",  "st":"TSUEN KING CIRCUIT",  "lot":"TSUEN WAN",  "dc":"TSUEN WAN",  "sDc":"",  "ac":"NT",  "gMc":"",  "tMc":"",  "rFlatCode":"",  "rFlat":"",  "rBlkCode":"",  "rBlk":"",  "rFlrCode":"",  "rFlr":"",  "rBul":"",  "rEst":"",  "rStNo":"",  "rSt":"",  "rDc":"",  "rsDc":"",  "rAc":"",  "rgMc":"",  "rtMc":"",  "rLot":"",  "rLotChi":"",  "rFltCodeChi":"",  "rBlkCodeChi":"",  "rFlrCodeChi":"",  "rBulChi":"",  "rEstChi":"",  "rStChi":"",  "rDcChi":"",  "rsDcChi":"",  "rAcChi":"",  "rXCO":"829390",  "rYCO":"826465",  "addrScanId":"",  "buildingId":"BP\_1100003774",  "latitude":"22.37737",  "longitude":"114.11009",  "addrScore":"62.5",  "geoAddress":"2938826460T20050430",  "salesman":"SA4032",  "rdbCode":"IFC",  "remark":"",  "handlingFee":"",  "waive":""  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Payment Update

**Purpose**

Update Customer payment method for CForm and Profile Mgmt.

**Logic & Conditions**

The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/updPayment](https://tykapi-u.hksmartone.com/om/service/updPayment) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/updPayment](https://tykapi-u.hksmartone.com/om/service/updPayment) |
| TYK (Production) |  |

API: /updPayment

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g.  2024-10-01 00:00:00 | Mandatory |  |
| Requester | String | Request username | e.g. IFC01 | Mandatory |  |
| salesman | String | Salesman code | e.g. SA4032 | Optional |  |
| rdbCode | String | RDB code | e.g. IFC | Optional |  |
| paymentMethod | String | Payment Method | e.g.  C:PMT :Cash - Cash & cheque  B:SDD :SDD-DirectDebit pending for approv  C:PMT :Cash - Cash & cheque  D:AEDD :AEDD - AE card direct debit  D:OTDD :OTHDD - Credit Card DD (HK)  D:OTDD :1638T  D:SSC :SSC - Credit Card DD (Overseas)... | Mandatory  If line\_cat=F, then should be optional |  |
| crcdHolder | String | Credit Card Holder Name  (Masked)  (encrypted) | e.g. CHANXXXX | Optional |  |
| crcdNum | String | Credit Card Number (Masked)  (encrypted) | e.g. 512345XXXXXX2346 | Optional |  |
| crcdExpiryDate | String | Credit Card Exp. Date (YYYY-MM)  (encrypted) | e.g. 2025-01 | Optional |  |
| crcdIssueBank | String | Credit Card Issur Bank |  | Optional |  |
| crcdAutoPay | String | Credit Card Auto Pay | e.g. Y/N | Optional |  |
| crcdBlockAutoPay | String | Credit Card Block Auto Pay | e.g. T/F | Optional |  |
| crcdOwnerIdType | String | Credit Card Owner ID Type | e.g. I | Optional |  |
| crcdOwnerHkid | String | Credit Card Owner ID  (encrypted) | e.g. A123456(7) | Optional |  |
| crcdPendRefNum | String | Bank / Credit Card PCI Reference Number |  | Optional | If paymentMethod is Bank or Credit Card then Mandatory |
| dbAccountHolder | String | Direct Debit Acc. Holder Name (Masked)  (encrypted) | e.g. XXXX | Optional |  |
| dbBankCode | String | Direct Debit Bank Code |  | Optional |  |
| dbAccountNum | String | Direct Debit Acc. Number (Masked)  (encrypted) | e.g. 111111XX | Optional |  |
| dbLimit | String | Direct Debit Limit | e.g. 10000 | Optional |  |
| dbJointAccount | String | Direct Debit Joint A/C  (encrypted) | e.g. Y/N | Optional |  |
| dbFirstDebtorIdType | String | Direct Debit 1st Debtor ID Type | e.g. I | Optional |  |
| dbFirstDebtorHkid | String | Direct Debit 1st Debtor ID  (encrypted) | e.g. A123456(7) | Optional |  |
| dbSecondDebtorIdType | String | Direct Debit 2nd debtor ID type | e.g. I | Optional |  |
| dbSecondDebtorHkid | String | Direct Debit 2nd debtor ID  (encrypted) | e.g. A123456(7) | Optional |  |
| pgName | String | Guarantor Name  (encrypted) | e.g. Chan Dai Man | Optional |  |
| pgIdType | String | Guarantor ID type | e.g. I | Optional |  |
| pgHkid | String | Guarantor ID  (encrypted) | e.g. A123456(7) | Optional |  |
| pgContactNum | String | Guarantor Contact Number | e.g. 98765432 | Optional |  |
| pgAddress1 | String | Guarantor address line 1  (encrypted) |  | Optional |  |
| pgAddress2 | String | Guarantor address line 2  (encrypted) |  | Optional |  |
| pgAddress3 | String | Guarantor address line 3 (encrypted) |  | Optional |  |
| pgAddress4 | String | Guarantor address line 4 (encrypted) |  | Optional |  |
| pgStartDate | String | Guarantor Start date (DD-MM-YYYY) | e.g. 01-01-2024 | Optional |  |
| pgExpiryDate | String | Guarantor End date  (DD-MM-YYYY) | e.g. 01-01-2024 | Optional |  |
| remark | String | Remark |  | Optional |  |
| language | String | language | e.g. C | Optional | If refSystem is MYA or ONLCC then Mandatory |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"MYA",  "refID":"1233435235",  "custRef":"10695031",  "msisdn":"1442503345",  "accountNum":"00219718.00001",  "effectiveDate":"2024-10-25 00:00:00",  "Requester":"TavioZhang",  "salesman":"SA4032",  "rdbCode":"IFC",  "paymentMethod":"D:OTDD :OTHDD - Credit Card DD (HK)",  "crcdHolder":"775b6abb24a55c076e890429ce1900c7",  "crcdNum":"ba1fdb6f27e0b389e72e4accfa74cf6e",  "crcdExpiryDate":"71515cfbc859f741e53e0a58aa460dd4",  "crcdIssueBank":"903",  "crcdPendRefNum":"22202",  "crcdOwnerIdType":"I",  "crcdOwnerHkid":"7c14db27872e9b0ded5dc1b32f8159df",  "pgName":"8335b7a232cce1cd349b315d1ba56692",  "pgIdType":"I",  "pgHkid":"657b18391da331f29f7fa222c1c3ec7e",  "pgContactNum":"98765432",  "pgAddress1":"7488798cdab067ea8de5cc14392641e8",  "pgStartDate":"01-01-2024",  "pgExpiryDate":"01-01-2026",  "remark":"update payment",  "language": "E"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Billing / Comm Update

**Purpose**

Update Billing / Communication information for CForm and Profile Mgmt.

**Logic & Conditions**

1. The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/updBillComm](https://tykapi-u.hksmartone.com:8443/om/profile/updBillCommInfo) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/updBillComm](https://tykapi-u.hksmartone.com:8443/om/profile/updBillCommInfo) |
| TYK (Production) |  |

API: /updBillComm

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman code | e.g. SA4032 | Optional |  |
| rdbCode | String | RDB code | e.g. IFC | Optional |  |
| billDay | String | Bill cycle date (both) | e.g. 05, 07, 11, 14, 17, 21, 25, 28 | Optional |  |
| divertCode | String | Divert Code (both) | e.g. EWA | Optional |  |
| printTag | String | Print Tag (both) | e.g. | Optional |  |
| holdBill | String | Hold bill or not (both) | e.g. Y / N | Optional |  |
| emailReject | String | Bill Email Reject (both) | e.g. Y / N | Optional |  |
| retentionComm | String | Retention Communication Flag (both) | e.g. Y / N | Optional |  |
| contactLang | String | contact language | e.g. CHIN / ENG | Optional |  |
| contactEmail | String | Contact email  (encrypted) | e.g. tavio\_zhang@smartone.com | Optional |  |
| userContactLang | String | User contact language | e.g. C/ E | Optional |  |
| userContactEmail | String | User contact email (encrypted) | e.g. tavio\_zhang@smartone.com | Optional |  |
| handlingFee | String | handling fee | e.g. COB | Optional |  |
| waive | String | Wavie handling fee | Y / N | Optional |  |
| remark | String | Remark |  | Optional |  |
| telesalesCall | String | Telesales Call | e.g. Y/N | Optional |  |
| directMailing | String | Direct Mailing | e.g. Y/N | Optional |  |
| accept1638Subscription | String | Accept 1638 subscription | e.g. Y/N | Optional |  |
| localDataRationalization | String | Local Data Rationalization | e.g. Y/N | Optional |  |
| acceptSmarTonePlusmembership | String | Accept SmarTone Plus membership | e.g. Y/N | Optional |  |
| iddAutoProvisioningContact | String | IDD Auto Provisioning Contact flag | e.g. Y/N | Optional |  |
| perTripDataRoamingSpendingAlert | String | Per-trip Data Roaming Spending Alert (150%) | e.g. Y/N | Optional |  |
| STStyle | String | ST\_Style | e.g. Y/N | Optional |  |
| wsmServiceUpdate | String | WSM Service Update | e.g. Y/N | Optional |  |
| wsmPromotionalMessage | String | WSM Promotional Message | e.g. Y/N | Optional |  |
| listenUsedMinutes | String | Listen Used Minutes | e.g. Y/N | Optional |  |
| requestSMCPIN | String | Request SMC PIN | e.g. Y/N | Optional |  |
| smarToneCommunication | String | SmarTone Communication Flag (Y-Receive, N-Reject) | e.g. Y/N | Optional |  |
| directoryEnquiry | String | Directory Enquiry | e.g. Y/N | Optional |  |
| specialOffersEmail | String | Special Offers (Email) (encrypted) | e.g. Y/N | Optional |  |
| specialOffersSms | String | Special Offers (Sms) | e.g. Y/N | Optional |  |
| specialOffersWhatsApp | String | Special Offers (WhatsApp) | e.g. Y/N | Optional |  |
| specialOffersFax | String | Special Offers (Fax) | e.g. Y/N | Optional |  |
| newsFinanceInvestmentEmail | String | News & Finance & Investment (Email)  (encrypted) | e.g. Y/N | Optional |  |
| newsFinanceInvestmentSms | String | News & Finance & Investment (Sms) | e.g. Y/N | Optional |  |
| newsFinanceInvestmentWhatsApp | String | News & Finance & Investment (WhatsApp) | e.g. Y/N | Optional |  |
| newsFinanceInvestmentFax | String | News & Finance & Investment (Fax) | e.g. Y/N | Optional |  |
| funStuffEmail | String | Fun Stuff (Email)  (encrypted) | e.g. Y/N | Optional |  |
| funStuffSms | String | Fun Stuff (Sms) | e.g. Y/N | Optional |  |
| funStuffWhatsApp | String | Fun Stuff (WhatsApp) | e.g. Y/N | Optional |  |
| funStuffFax | String | Fun Stuff (Fax) | e.g. Y/N | Optional |  |
| communicationInternetEmail | String | Communication and Internet (Email)  (encrypted) | e.g. Y/N | Optional |  |
| communicationInternetSms | String | Communication and Internet (Sms) | e.g. Y/N | Optional |  |
| communicationInternetWhatsApp | String | Communication and Internet (WhatsApp) | e.g. Y/N | Optional |  |
| communicationInternetFax | String | Communication and Internet (Fax) | e.g. Y/N | Optional |  |
| retentionOfferEmail | String | Retention Offer (Email)  (encrypted) | e.g. Y/N | Optional |  |
| retentionOfferSms | String | Retention Offer (Sms) | e.g. Y/N | Optional |  |
| retentionOfferWhatsApp | String | Retention Offer (WhatsApp) | e.g. Y/N | Optional |  |
| retentionOfferFax | String | Retention Offer (Fax) | e.g. Y/N | Optional |  |
| doNotDisturb | String | Do-not-Disturb | e.g. Y/N | Optional |  |
| promotionalPartnerMarketingOffers | String | Promotional Partner Marketing Offers | e.g. Y/N | Optional |  |
| policeSMS | String | Police SMS | e.g. Y/N | Optional |  |
| keyNewsAlert | String | Key News Alert | e.g. Y/N | Optional |  |
| smarToneCARE | String | SmarTone CARE | e.g. Y/N | Optional |  |
| sportsMorningNewsSMS | String | Sports Morning News SMS | e.g. Y/N | Optional |  |
| bill\_collecting\_agent | String | Collecting Agent Code | e.g. ICL | Optional |  |
| bill\_ebill\_sms\_flag | String | Contact SMS Reject | e.g. Y/N | Optional |  |
| bill\_comm\_channel\_5\_cust | String | Will Update Comm. Flag - Customer Level | e.g. Y/N | Optional |  |
| bill\_comm\_channel\_pp\_cust | String | Will Update PP Marker - Customer Level | e.g. Y/N | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem": "MYA",  "refID": "1233435235",  "custRef": "08705636",  "msisdn": "34842930",  "accountNum": "08705636.00001",  "effectiveDate": "2024-11-25 00:00:00",  "requester": "TavioZhang",  "salesman": "SA4032",  "rdbCode": "IFC",  "billDay": "28",  "divertCode": "EWA",  "printTag": "TEST",  "holdBill": "Y",  "emailReject": "Y",  "retentionComm": "Y",  "contactLang": "ENG",  "contactEmail": "9a623067ed0fc7ac55d116c4e27b4db4ad2186c6fb1fac85ad2360c300648161",  "userContactLang": "E",  "userContactEmail": "9a623067ed0fc7ac55d116c4e27b4db4ad2186c6fb1fac85ad2360c300648161",  "handlingFee": "COB",  "waive": "Y",  "remark": "Hard Bounce Recovery Exercise - Sep10",  "telesalesCall": "Y",  "directMailing": "Y",  "accept1638Subscription": "Y",  "localDataRationalization": "Y",  "acceptSmarTonePlusmembership": "Y",  "iddAutoProvisioningContact": "Y",  "perTripDataRoamingSpendingAlert": "Y",  "STStyle": "Y",  "wsmServiceUpdate": "Y",  "wsmPromotionalMessage": "Y",  "listenUsedMinutes": "Y",  "requestSMCPIN": "Y",  "smarToneCommunication": "Y",  "directoryEnquiry": "Y",  "specialOffersEmail": "95b8acfd0116323fbb9664b3af17fb6c",  "specialOffersSms": "Y",  "specialOffersWhatsApp": "Y",  "specialOffersFax": "Y",  "newsFinanceInvestmentEmail": "95b8acfd0116323fbb9664b3af17fb6c",  "newsFinanceInvestmentSms": "Y",  "newsFinanceInvestmentWhatsApp": "Y",  "newsFinanceInvestmentFax": "Y",  "funStuffEmail": "95b8acfd0116323fbb9664b3af17fb6c",  "funStuffSms": "Y",  "funStuffWhatsApp": "Y",  "funStuffFax": "Y",  "communicationInternetEmail": "Y",  "communicationInternetSms": "Y",  "communicationInternetWhatsApp": "Y",  "communicationInternetFax": "Y",  "retentionOfferEmail": "95b8acfd0116323fbb9664b3af17fb6c",  "retentionOfferSms": "Y",  "retentionOfferWhatsApp": "Y",  "retentionOfferFax": "Y",  "doNotDisturb": "Y",  "promotionalPartnerMarketingOffers": "Y",  "policeSMS": "Y",  "keyNewsAlert": "Y",  "smarToneCARE": "Y",  "sportsMorningNewsSMS": "Y",  "bill\_collecting\_agent": "ICL",  "bill\_ebill\_sms\_flag": "Y",  "bill\_comm\_channel\_5\_cust": "Y",  "bill\_comm\_channel\_pp\_cust": "Y"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Subscriber Update

**Purpose**

Update Subscriber information for CForm and Profile Mgmt.

**Logic & Conditions**

1. The action will be added to the order pending queue with effective from effective date.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/updSubr](https://tykapi-u.hksmartone.com:8443/om/profile/updSubrInfo) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/updSubr](https://tykapi-u.hksmartone.com:8443/om/profile/updSubrInfo) |
| TYK (Production) |  |

API: /updSubr

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman code | e.g. SA4032 | Optional |  |
| rdbCode | String | RDB code | e.g. IFC | Optional |  |
| dealerCode | String | Dealer Code | e.g. SA4032 | Optional |  |
| subrTitle | String | Subscriber Title | e.g. Mr | Optional |  |
| lastName | String | Subscriber last name (encrypted) | e.g. Chan | Optional |  |
| firstName | String | Subscriber first name (encrypted) | e.g. Andy | Optional |  |
| subrTitleChi | String | Subscriber title Chinese | e.g. 先生 | Optional |  |
| lastNameChi | String | Subscriber last name Chinese (encrypted) | e.g. 陳 | Optional |  |
| firstNameChi | String | Subscriber first Name Chinese (encrypted) | e.g. 大文 | Optional |  |
| gender | String | Subscriber Gender | e.g. M/F | Optional |  |
| commAddr1 | String | Comm address line 1 (encrypted) |  | Optional |  |
| commAddr2 | String | Comm address line 2 (encrypted) |  | Optional |  |
| commAddr3 | String | Comm address line 3 |  | Optional |  |
| commAddr4 | String | Comm address line 4 |  | Optional |  |
| hzAddr1 | String | HomeZone address line 1 (encrypted) |  | Optional | For WFL /WFB only |
| hzAddr2 | String | HomeZone address line 2 (encrypted) |  | Optional | For WFL /WFB only |
| hzAddr3 | String | HomeZone address line 3 |  | Optional | For WFL /WFB only |
| hzAddr4 | String | HomeZone address line 4 |  | Optional | For WFL /WFB only |
| flatCode | String | Flat Description (Contact)  (encrypted) | e.g. FLAT | Optional | For home zone address (hzAddr1-4) |
| flatCodeChi | String | Chinese Flat Description (Contact)  (encrypted) |  | Optional | For WFL /WFB only |
| flat | String | Flat (Contact) | e.g.7 | Optional | For home zone address (hzAddr1-4) |
| blkCode | String | Block Description (Contact) (encrypted) | e.g. BLK | Optional | For home zone address (hzAddr1-4) |
| blkCodeChi | String | Chinese Block Description (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| blk | String | Block (Contact) | e.g. 7 | Optional | For home zone address (hzAddr1-4) |
| flrCode | String | Floor Description (Contact) (encrypted) | e.g. FLOOR | Optional | For home zone address (hzAddr1-4) |
| flrCodeChi | String | Chinese Floor Description (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| flr | String | Flat (Contact) (encrypted) | e.g. 7 | Optional | For home zone address (hzAddr1-4) |
| bul | String | Buliding (Contact) (encrypted) |  | Optional | For home zone address (hzAddr1-4) |
| bulChi | String | Chinese Buliding (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| est | String | Estate (Contact) (encrypted) | e.g. HONG SHING HOUSE | Optional | For home zone address (hzAddr1-4) |
| estChi | String | Chinese Estate (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| stNo | String | Street No (Contact) (encrypted) | e.g. 73 | Optional | For home zone address (hzAddr1-4) |
| st | String | Street (Contact) (encrypted) | e.g. TSUEN KING CIRCUIT | Optional | For home zone address (hzAddr1-4) |
| stChi | String | Chinese Street (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| lot | String | Location (Contact) (encrypted) | e.g. TSUEN WAN | Optional | For home zone address (hzAddr1-4) |
| lotChi | String | Chinese Location (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| dc | String | District (Contact) (encrypted) | e.g. TSUEN WAN | Optional | For home zone address (hzAddr1-4) |
| dcChi | String | Chinese District (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| sDc | String | Sub District (Contact) (encrypted) |  | Optional | For home zone address (hzAddr1-4) |
| ac | String | Area (Contact) (encrypted) | e.g. NT | Optional | For home zone address (hzAddr1-4) |
| acChi | String | Chinese Area (Contact) (encrypted) |  | Optional | For WFL /WFB only |
| gMc | String | Mosaic Group (Contact) (encrypted) |  | Optional | For home zone address (hzAddr1-4) |
| tMc | String | Mosaic Type (Contact) (encrypted) |  | Optional | For home zone address (hzAddr1-4) |
| rXCO | String | X-Coordinate (encrypted) | e.g. 829390 | Optional | For home zone address (hzAddr1-4) |
| rYCO | String | Y-Coordinate (encrypted) | e.g. 826465 | Optional | For home zone address (hzAddr1-4) |
| buildingId | String | smart address building id (encrypted) | e.g. BP\_1100003774 | Optional | For home zone address (hzAddr1-4) |
| latitude | String | smart address latitude (encrypted) | e.g. 22.37737 | Optional | For home zone address (hzAddr1-4) |
| longitude | String | smart address longitude (encrypted) | e.g. 114.11009 | Optional | For home zone address (hzAddr1-4) |
| addrScore | String | smart address addrScore | e.g. 62.5 | Optional | For home zone address (hzAddr1-4) |
| geoAddress | String | smart address geoAddress (encrypted) | e.g. 2938826460T20050430 | Optional | For home zone address (hzAddr1-4) |
| industryCode | String | Industry Code |  | Optional |  |
| nationality | String | Nationality | e.g. CN | Optional |  |
| companyCame | String | Company name |  | Optional |  |
| position | String | Position |  | Optional |  |
| referenceId | String | Reference ID |  | Optional |  |
| referenceName | String | Reference Name |  | Optional |  |
| handlingfee | String | Handling fee | e.g. COS | Optional |  |
|  |  |  |  |  |  |
| hkidbr | String | HKID (encrypted) | e.g. A112233(4) | Optional |  |
| birth | String | Date of birth(YYYY-MM-DD) (encrypted) | e.g. 2000-01-01 | Optional |  |
| topupMax | String | Top Up Quota | e.g. 999 | Optional |  |
| childTopupAllowed | String | Delegated Child | e.g. Y/N | Optional |  |
| userRole | String | Role |  | Optional |  |
| corpAttr1 | String | CORP ATTR 1 Cost Centre |  | Optional |  |
| corpAttr2 | String | CORP ATTR 2 Department |  | Optional |  |
| corpAttr3 | String | CORP ATTR 3 Division/ Region |  | Optional |  |
| corpAttr4 | String | CORP ATTR 4 Staff Info |  | Optional |  |
| corpAttr5 | String | CORP ATTR 5 Secondary Contact Email |  | Optional |  |
| corpAttr6 | String | CORP ATTR 6 Other Contact Email |  | Optional |  |
| corpAttr7 | String | CORP ATTR 7 Other Contact Person |  | Optional |  |
| corpAttr8 | String | CORP ATTR 8 Other Contact Number |  | Optional |  |
| corpAttr9 | String | CORP ATTR 9 Location 1 |  | Optional |  |
| corpAttr10 | String | CORP ATTR 10 Location 2 |  | Optional |  |
| corpAttr11 | String | CORP ATTR 11 Device Info |  | Optional |  |
| corpAttr12 | String | CORP ATTR 12 IMEI/ S/N |  | Optional |  |
| corpAttr13 | String | CORP ATTR 13 Reference 1 |  | Optional |  |
| corpAttr14 | String | CORP ATTR 14 Reference 2 |  | Optional |  |
| corpAttr15 | String | CORP ATTR 15 Reference 3 |  | Optional |  |
| corpAttr16 | String | CORP ATTR 16 Reference 4 |  | Optional |  |
| corpAttr17 | String | CORP ATTR 17 Reference 5 |  | Optional |  |
| corpAttr18 | String | CORP ATTR 18 Reference 6 |  | Optional |  |
| corpAttr19 | String | CORP ATTR 19 Reference 7 |  | Optional |  |
| corpAttr20 | String | CORP ATTR 20 Reference 8 |  | Optional |  |
| corpAttr21 | String | CORP ATTR 21 Reference 9 |  | Optional |  |
| corpAttr22 | String | CORP ATTR 22 Reference 10 |  | Optional |  |
| corpAttr23 | String | CORP ATTR 23  Reference 11 |  | Optional |  |
| corpAttr24 | String | CORP ATTR 24  Reference 12 |  | Optional |  |
| specialUserRef1 | String | Bulk SMS Event Description 1 |  | Optional |  |
| specialUserRef2 | String | Bulk SMS Event Description 2 |  | Optional |  |
| specialUserRef3 | String | Bulk SMS Event Description 3 |  | Optional |  |
| pgTitle | String | Guarantor Title | e.g. Mr | Optional |  |
| pgName | String | Guarantor Name (encrypted) | e.g. Andy Chan | Optional |  |
| pgNameChi | String | Guarantor Name Chinese (encrypted) | e.g. 陳大文 | Optional |  |
| pgIdType | String | Guarantor ID Type | e.g. I |  |  |
| pgHkid | String | Guarantor ID (encrypted) | e.g. A112233(4) | Optional |  |
| pgBirth | String | Guarantor date of birth(YYYY-MM-DD) (encrypted) | e.g. 2000-01-01 | Optional |  |
| pgContactNo | String | Guarantor contact number (encrypted) | e.g. 98712389 | Optional |  |
| pgAddress1 | String | Guarantor address line 1 (encrypted) |  | Optional |  |
| pgAddress2 | String | Guarantor address line 2 (encrypted) |  | Optional |  |
| pgAddress3 | String | Guarantor address line 3 (encrypted) |  | Optional |  |
| pgAddress4 | String | Guarantor address line 4 (encrypted) |  | Optional |  |
| pgStartDate | String | Guarantor Start Date (YYYY-MM-DD) | e.g. 2024-01-01 | Optional |  |
| pgExpiryDate | String | Guarantor expiry date (YYYY-MM-DD) | e.g. 2026-01-01 | Optional |  |
| pgUpdToRnr | String | Update Guarantor Info to RNR | e.g. Y/N | Optional |  |
| addrByPass | String | Re-Classification Option | e.g. P/R | Optional |  |
| addrReason | String | Re-Classification Reason |  | Optional |  |
| addrWebref | String | WebSite Reference |  | Optional |  |
| addrMgr | String | Approver Name | e.g. TavioZhang | Optional |  |
| helpnAddrAdd | String | Address Additional Info (HelpNow) |  | Optional |  |
| helpnLiftFlag | String | Address Lift Flag (HelpNow) | e.g. Y/N | Optional |  |
| helpnLiftCondition | String | Address Lift Condition (HelpNow) |  | Optional |  |
| remark | String | Remark |  | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "accountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"MayChan",  "salesman":"SA4032",  "rdbCode":"IFC",  "dealerCode":"SA4032",  "subrTitle":"Mr",  "lastName":"Andy",  "firstName":"Chan",  "subrTitleChi":"先",  "lastNameChi":"生",  "firstNameChi":"陳",  "gender":"M",  "commAddr1":"flat X, XX/F, block X",  "commAddr2":"XX garden",  "commAddr3":"",  "commAddr4":"N.T.",  "flatCode":"FLAT",  "flat":"7",  "blkCode":"BLK",  "blk":"7",  "flrCode":"FLOOR",  "flr":"7",  "bul":"",  "est":"HONG SHING HOUSE",  "stNo":"73",  "st":"TSUEN KING CIRCUIT",  "lot":"TSUEN WAN",  "dc":"TSUEN WAN",  "sDc":"",  "ac":"NT",  "gMc":"",  "tMc":"",  "rXCO":"829390",  "rYCO":"826465",  "addrScanId":"",  "buildingId":"BP\_1100003774",  "latitude":"22.37737",  "longitude":"114.11009",  "addrScore":"62.5",  "geoAddress":"2938826460T20050430",  "industryCode":"",  "nationality":"CN",  "companyCame":"",  "position":"",  "referenceId":"",  "referenceName":"",  "handlingfee":"COS",  "hkidbr":"A123456(7)",  "birth":"2000-01-01",  "topupMax":"",  "childTopupAllowed":"N",  "userRole":"",  "corpAttr1":"",  "corpAttr2":"",  "corpAttr3":"",  "corpAttr4":"",  "corpAttr5":"",  "corpAttr6":"",  "corpAttr7":"",  "corpAttr8":"",  "corpAttr9":"",  "corpAttr10":"",  "corpAttr11":"",  "corpAttr12":"",  "corpAttr13":"",  "corpAttr14":"",  "corpAttr15":"",  "corpAttr16":"",  "corpAttr17":"",  "corpAttr18":"",  "corpAttr19":"",  "corpAttr20":"",  "corpAttr21":"",  "corpAttr22":"",  "corpAttr23":"",  "corpAttr24":"",  "specialUserRef1":"",  "specialUserRef2":"",  "specialUserRef3":"",  "pgTitle":"Mr",  "pgName":"Andy Chan",  "pgNameChi":"陳大文",  "pgIdType":"I",  "pgHkid":"A123123(4)",  "pgBirth":"2000-01-01",  "pgContactNo":"98712347",  "pgAddress1":"flat X, XX/F, xx house",  "pgAddress2":"",  "pgAddress3":"",  "pgAddress4":"N.T.",  "pgStartDate":"2024-01-01",  "pgExpiryDate":"2026-01-01",  "pgUpdToRnr":"N",  "remark":"UPDATE SUBSCRIPTION",  “remark”:””  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| caseID | String | Case ID | e.g. ORDER000001882553800 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  "caseID":"ORDER000001882553800"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error",  "caseID":""  } |

### Migrate LGN User

**Purpose**

Migrate LGN User

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | <https://tykapi-u.hksmartone.com/om/profile/migrateLGNUser> |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/migrateLGNUser](https://tykapi-u.hksmartone.com/om-stg/profile/migrateLGNUser) |
| TYK (Production) |  |

API: /migrateLGNUser

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error"  } |

### New PIN request for LGN User

**Purpose**

New PIN request for LGN User

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | https://tykapi-u.hksmartone.com/om/profile/requestLGNNewPIN |
| TYK (NGSTAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/requestLGNNewPIN |
| TYK (Production) |  |

API: /requestLGNNewPIN

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| requestID | String | requestID to call the request  (encrypted) | e.g. 35499CC701846B1B01D1763DDA365C8024167C9EA3F1438E65692B10F823FF21DAEE8EBBD9D9FB602586C1C026004E9492B1C2543F66915C05D5561E7042AB4C | Mandatory |  |
|  |  |  |  |  |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"requestID":"35499CC701846B1B01D1763DDA365C8024167C9EA3F1438E65692B10F823FF21DAEE8EBBD9D9FB602586C1C026004E9492B1C2543F66915C05D5561E7042AB4C "

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": ""

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Email Opt-out

**Purpose**

Email Opt-out

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (NGUAT) | [https://tykapi-u.hksmartone.com/om/profile/emailOptout](https://tykapi-u.hksmartone.com/om/profile/migrateLGNUser) |
| TYK (NGSTAGE) | [https://tykapi-s.hksmartone.com/om-stg/profile/emailOptout](https://tykapi-u.hksmartone.com/om/profile/migrateLGNUser) |
| TYK (Production) |  |

API: /emailOptout

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| email | String | Customer’s Email  (encrypted) | e.g. [CUST@gmail.com](mailto:CUST@gmail.com) | Mandatory |  |
| promoteCat | String | Promotional Category | e.g. 12345 | Mandatory |  |
| optout | String | Optout Flag | e.g. Y or N | Mandatory |  |
| nature | String | Customer’s Nature | e.g. POSTPAID | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {     "msisdn": "6463611011",     "promoteCat": "1234",     "optOut": "YYYY",     "refSystem": "OM",     "nature": "POSTscaPAID",     "requester": "TavioZhang",     "refID": "1233435235",     "custRef": "6463611011",     "email": "TavioZhang@smartone.com"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": ""

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Get Revoke CDR IND Eff Date

**Purpose**

Get Revoke CDR IND Eff Date

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/profile/getRevokeCDRINDEff |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/getRevokeCDRINDEff |
| TYK (Production) |  |

API: / getRevokeCDRINDEff

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| custNum | String | Customer Number | e.g. 85029824 | Mandatory |  |
| signDate | String | signDate | e.g. 16-04-2021 | Mandatory |  |
| billDay | String | billDay | e.g. 16-04-2021 | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "custNum": "85029824",  "signDate": "16-04-2021"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| effDate | String | Return Eff Date | e.g. 05-05-2021 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "effDate": "05-05-2021",  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {  "effDate": "",  "resultCode": "-1",  "resultMsg": "getRevokeCDRINDEffDate api error:OM\_EXT.get\_revoke\_cdr\_ind\_eff\_date error: get\_revoke\_cdr\_ind\_eff\_date(400) : ORA-01830: date format picture ends before converting entire input string"  } |

### Promote Chn Opt Out

**Purpose**

Get Revoke CDR IND Eff Date

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/profile/promoteChnOptOut |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/promoteChnOptOut |
| TYK (Production) |  |

API: /promoteChnOptOut

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| account | String | Account Number | e.g. 85066853.00001 | Optional |  |
| custRef | String | Cust Number | e.g. 85066853 | Mandatory |  |
| msisdn | String | Subr Number | e.g. 1800009654 | Mandatory |  |
| oldCommContent | String | Old Comm Content | e.g. YYNYYYYNYYNYYNYYYYYYYYYYYYYYYYYYYYYYYYYY | Mandatory |  |
| newCommContent | String | New Comm Content | e.g. YYNYYYYNYYNYYNYYYYYYYYYYYYYYYYYYYYYYYYYY | Mandatory |  |
| nature | String | nature | e.g. POSTPAID | Mandatory |  |
| requester | String | nature | e.g. TavioZhang | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {     "account": "85066853.00001",     "custRef": "85066853",     "msisdn": "1800009654",     "oldCommContent": "YYNYYYYNYYNYYNYYYYYYYYYYYYYYYYYYYYYYYYYY",     "newCommContent": "YYNYYYYNYYNYYNYYYYYYYYYYYYYYYYYYYYYYYYYY",     "refSystem": "OM",     "nature": "POSTPAID",     "requester": "TavioZhang",     "refID": "1233435235"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |

**Sample Response**

Success response:

|  |
| --- |
| {      "resultCode": "0",      "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {      "resultCode": "-1",      "resultMsg": "promoteChnOptOut api error:These params can't be empty:[custRef]"  } |

### LGN My Acct Grouping

**Purpose**

Get Revoke CDR IND Eff Date

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/profile/LGNMyAcctGrouping |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/LGNMyAcctGrouping |
| TYK (Production) |  |

API: / LGNMyAcctGrouping

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| loginID | String | LoginNow id |  | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "salesman":"SA4012"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |

**Sample Response**

Success response:

|  |
| --- |
| {      "resultCode": "0",      "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {      "resultCode": "-1",      "resultMsg": "These params can't be empty:[ refID]"  } |

### Need By Pass Building

**Purpose**

Get Revoke CDR IND Eff Date

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/profile/needByPassBuilding |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/needByPassBuilding |
| TYK (Production) |  |

API: /needByPassBuilding

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Optional |  |
| msisdn | String | Msisdn | e.g. 91234567 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| buildType | String | Building type |  | Optional |  |
| gnvPlan | String | Building type |  | Optional |  |
| br | String | Building type |  | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {     "refSystem": "ECSP",     "refID": "1233435235",     "custRef": "85049537",     "msisdn": "1994377681",     "requester": "TavioZhang",     "salesman": "SA4032",     "buildType": "I",     "gnvPlan": "HBB1D",     "br": "C"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| byPass | String | Return need By Pass | N/E/Y |  |

**Sample Response**

Success response:

|  |
| --- |
| {      "byPass": "N",      "resultCode": "0",      "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {      "byPass": "",      "resultCode": "-1",      "resultMsg": "These params can't be empty:[refSystem]"  } |

### Update Inv Ref

**Purpose**

Update Inv Ref

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/profile/updInvRef |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/updInvRef |
| TYK (Production) |  |

API: /updInvRef

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| effectiveDate | String | effectiveDate | e.g. 2025-02-10 13:51:30 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| salesman | String | Salesman | e.g. SA4032 | Optional |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {      "requester": "OM",      "custRef": "85007641",      "refID": "IEF-SIM-20241218001",      "effectiveDate": "2025-02-10 13:51:30",      "refSystem": "IEF"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |

**Sample Response**

Success response:

|  |
| --- |
| {      "resultCode": "0",      "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {      "resultCode": "-1",      "resultMsg": "These params can't be empty:[refSystem]"  } |

### Add Modify Subsidy

**Purpose**

Update Inv Ref

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/profile/addModifySubsidy |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/profile/addModifySubsidy |
| TYK (Production) |  |

API: /addModifySubsidy

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| action | String | Api action | A – add  M – modify  E -- Expire | Mandatory |  |
| sequence | Integer | Sequence ID | e.g. 11 | Mandatory when action is Modify and Expire, parallelRun  <>1 | Only works on old world |
| dummyCustNum | String | Dummy CustNum | e.g. 88066943 | Mandatory |  |
| dummySubrNum | String | Dummy SubrNum | e.g. 55050449 | Mandatory |  |
| custNum | String | Cust Num | e.g. 88066986 | Mandatory |  |
| subrNum | String | Subr Num | e.g. 55004920 | Mandatory |  |
| subsidyType | String | Subsidy Type | e.g. F, M | Mandatory when action is Add and Modify |  |
| subsidyAmount | BigDecimal | Subsidy Amount | e.g. 11.11 | Mandatory |  |
| chgBy | String | Chg By | e.g. TavioZhang | Mandatory |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {      "action": "A",      "dummyCustNum": "88066943",      "dummySubrNum": "55050449",      "custNum": "88066986",      "subrNum": "55004920",      "subsidyType": "F",      "subsidyAmount": "11",      "chgBy": "TavioZhang",      "parallelRun": "2"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message |  |  |
| sequence | Integer | Null When parallelRun  = 1 | Eg, 19 or null | Only works on old world |

**Sample Response**

Success response:

|  |
| --- |
| {      "sequence": 24,      "resultCode": 0,      "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {      "resultCode": -1,      "resultMsg": "CCBS addModifyEmployeeSubsidy api error: (10375)Employee subsidy already exists",   "sequence": null,  } |

## GUP

### Create LGN Profile auth

**Purpose**

Create GUP authentication server

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/gup/createGUPAuth> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/gup/createGUPAuth](https://tykapi-u.hksmartone.com/om-stg/gup/createGUPAuth) |
| TYK (Production) |  |

API: /createGUPAuth

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| lgnUsername | String | Encrypted LoginNow Username | e.g. 09F584E93DA386DD76F70B0745B58214 | Mandatory |  |
| owner | String | Is Owner | e.g. Y/N | optional |  |
| pin | String | Encrypted Pin Code | e.g. 657C3D7ECC51222301FAFC42BA0AB720 | Optional |  |
| onlinePin | String | Encrypted Online Pin Code | e.g. 657C3D7ECC51222301FAFC42BA0AB720 | optional |  |
| encryptedSALT | String | Rem1 | e.g. 464DA6CCB0A199C12F853B7DD5A44597  DCAEC16D43F9FF67ECEEC328EC5D0B8E | optional |  |
| backupEmail | String (encrypted) | Backup email | e.g. test@gmail.com |  |  |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "lgnUsername":"09F584E93DA386DD76F70B0745B58214",  "owner":"Y",  "pin":"",  "onlinePin":"",  "encryptedSALT":"",  "backupEmail":""  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error"  } |

## Enquiry

### Enquiry of add-on number Child plan

**Purpose**

Enquiry if the plan is an add-on number Child plan

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqAddonChildPlan> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqAddonChildPlan](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqAddonChildPlan) |
| TYK (Production) |  |

API: /enqAddonChildPlan

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| planCode | String | Plan Code for enquiry | e.g. AONC1,AONB1,AONC2,AONB2,ADON3 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"planCode":"AONC1",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| resultYN | String | Return the enquiry result | Y – Positive enquiry result  N – Negative enquiry result |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": "",

"resultYN": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of add-on number Apple Watch Plan

**Purpose**

Enquiry if the plan is an add-on number Apple Watch Plan

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqAddonAWPlan> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqAddonAWPlan](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqAddonAWPlan) |
| TYK (Production) |  |

API: /enqAddonAWPlan

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| planCode | String | Plan Code for enquiry | e.g. ESMF1 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"planCode":"ESMF1",

"requester":"CWB01",

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| resultYN | String | Return the enquiry result | Y – Positive enquiry result  N – Negative enquiry result |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": "",

"resultYN": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of RSA Information

**Purpose**

Enquiry of RSA Information

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqRSAinfo> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqRSAinfo](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqRSAinfo) |
| TYK (Production) |  |

API: /enqRSAinfo

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | Msisdn | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"00349468",

"msisdn":"61172142",

"accountNum":"00349468.00001",

"requester":"IFC01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| RSACode | String | RAS Code | e.g. RSAV1 |  |
| roamChina | String | China Roaming | e.g. N |  |
| roamData | String | Data Roaming | e.g. Y |  |
| roamDataDayPlan | String | Data Roaming Day Pass Plan | e.g. Y |  |
| roamConfCall | String | Roaming Conference Call | e.g. Y |  |
| roamIDD | String | Roaming IDD | e.g. Y |  |
| CMCCOptIn | String | CMCC Opt-in | e.g. N |  |
| GUPValue | String | GUP Value | e.g. 41 |  |

**Sample Response**

Success response:

{

"roamData": "Y",

"CMCCoptIn": "Y",

"roamChina": "Y",

"resultCode": "0",

"RSACode": "RSAL7",

"roamIDD": "Y",

"roamConfCall": "Y",

"GUPValue": "107",

"resultMsg": "",

"roamDataDayPlan": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of NR Bar

**Purpose**

Enquiry if NR Bar applied to Customer

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqNRBar> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqNRBar](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqNRBar) |
| TYK (Production) |  |

API: /enqNRBar

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"00349468",

"msisdn":"61172142",

"accountNum":"00349468.00001",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| resultYN | String | Return the enquiry result | Y – Positive enquiry result  N – Negative enquiry result |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": "",

"resultYN": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of A&C Topup

**Purpose**

Enquiry if it is A&C Topup Customer

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqAnCTopup> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqAnCTopup](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqAnCTopup) |
| TYK (Production) |  |

API: /enqAnCTopup

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"85061234",

"msisdn":"91234567",

"accountNum":"85061234.00001",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| resultYN | String | Return the enquiry result | Y – Positive enquiry result  N – Negative enquiry result |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": "",

"resultYN": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of tremblant plan if allowed

**Purpose**

Enquiry if tremblant quota under Family plan is allowed

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqTremblantAllow> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqTremblantAllow](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqTremblantAllow) |
| TYK (Production) |  |

API: /enqTremblantAllow

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 91234567 | Mandatory |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef":"85061234",

"msisdn":"91234567",

"accountNum":"85061234.00001",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| resultYN | String | Return the enquiry result | Y – Positive enquiry result  N – Negative enquiry result |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": "",

"resultYN": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of changes for CC owner

**Purpose**

Enquiry if any changes of CC owner and return the change count(s) if any.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqCCowner> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqCCowner](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqCCowner) |
| TYK (Production) |  |

API: /enqCCowner

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| ccOwnerHKID | String | HKID of CC owner  (encrypted) | e.g. A223344 | Mandatory |  |
| withinDay | String | No. of days before today | e.g. 30 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"ccOwnerHKID":"A223344(7)",

"withinDay":"30",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| chgCount | String | Return the count of CC owner change if any | 1 |  |

**Sample Response**

Success response:

{

"resultCode":"0",

"resultMsg": "",

"chgCount": "1"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of add-on plan

**Purpose**

Enquiry if the plan is an add-on plan.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/enquiry/enqAddonPlan> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/enquiry/enqAddonPlan](https://tykapi-u.hksmartone.com/om-stg/enquiry/enqAddonPlan) |
| TYK (Production) |  |

API: /enqAddonPlan

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| planCode | String | Plan code for enquiry | e.g. AONC1,AONB1,AONC2,AONB2,ADON3 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"planCode":"AONC1",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| resultYN | String | Return the enquiry result | Y – Positive enquiry result  N – Negative enquiry result |  |

**Sample Response**

Success response:

{

"resultCode": "0",

"resultMsg": "",

"resultYN": "Y"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry of Pending Payment Info

**Purpose**

Enquiry if the customer has a pending payment update order.

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/enquiry/enqPendPayInfo |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/enquiry/enqPendPayInfo |
| TYK (Production) |  |

API: /enqPendPayInfo

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef ":"85061234",

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| pend\_case\_id | String | Pending change pay method Case id | e.g. ORDER000000000010000 |  |
| pend\_payment\_method | String | Pending change pay method | |  | | --- | | PMT :Cash - Cash & cheque | | AEDD :AEDD - AE card direct debit | | SSC :SSC - Credit Card DD (Overseas) | | OTDD :1638S | | OTDD :1638T | | OTDD :GEASY | | DD :NDD - Bank account direct debit | | SDD :SDD-DirectDebit pending for approv | | Roaming Partner | | DINER:Diners Card Direct Debit | | BAML :BAML - Credit Card DD (MCC 4814) | | OTDD :OTHDD - Credit Card DD (HK) | | BDODD: BDODD - CREDIT CARD DD (HK) | | BDSSC:BDSSC - Credit Card DD (Overseas) | |  |
| pend\_card\_acc\_num | String | Pending change pay method card account number | e.g. 474473XXXXXX4785 |  |
| pend\_card\_holder\_name | String | Pending change pay method card holder name | e.g. ABCXXXX |  |
| pend\_card\_exp\_dt | String | Pending change pay method  Card expire date (MMYYYY) | e.g. 052036 |  |
| pend\_bank\_holder\_name | String | Pending bank holder name | e.g. Chan Tai Man |  |
| pend\_bank\_acc | String | Pending bank account | e.g. 0011234567 |  |

**Sample Response**

Success response:

{

    "pend\_card\_acc\_num": "474473XXXXXX4785",

    "pend\_case\_id": "ORDER000001886378600",

    "pend\_card\_exp\_dt": "052036",

    "pend\_payment\_method": "BDODD: BDODD - CREDIT CARD DD (HK)",

    "pend\_card\_holder\_name": "XXXX",

    "resultCode": "0",

    "resultMsg": ""

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry NR UDP code

**Purpose**

Enquiry next UDP Code

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/enquiry/enqNrUdp |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/om/enqury/enqNrUdp |
| TYK (Production) |  |

API: /enqNrUdp

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 91234567 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

**Sample Request**

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef ":"85061234",

“msisdn”:”91234567”,

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | UDP code when status code = 0  OR  fail message when status code <> 0 |  |

**Sample Response**

Success response:

{

    "resultCode": "0",

    "resultMsg": "UDP01"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

### Enquiry NR LDP Code

**Purpose**

Enquiry next LDP Code

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | https://tykapi-u.hksmartone.com/om/enquiry/enqNrLdp |
| TYK (STAGE) | https://tykapi-s.hksmartone.com/om-stg/om/enquiry/enqNrLdp |
| TYK (Production) |  |

API: /enqNrLdp

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Mandatory |  |
| msisdn | String | MSISDN | e.g. 91234567 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |

{

"refSystem":"ECSP",

"refID":"1233435235",

"custRef ":"85061234",

“msisdn”:”91234567”,

"requester":"CWB01"

}

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 – Failure |  |
| resultMsg | String | Return Error Message | UDP code when status code = 0  OR  fail message when status code <> 0 |  |

**Sample Response**

Success response:

{

    "resultCode": "0",

    "resultMsg": "UDP01"

}

Failure response:

Error

{

"resultCode": "-1",

"resultMsg":"System Error"

}

## Pending Case

### Delete pending case

**Purpose**

Delete pending case

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | <https://tykapi-u.hksmartone.com/om/PendCase/delPendCase> |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/PendCase/delPendCase](https://tykapi-u.hksmartone.com/om-stg/PendCase/delPendCase) |
| TYK (Production) |  |

API: /delPendCase

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Optional | Must input custRef+Msisdn or accountNum |
| msisdn | String | Msisdn | e.g. 91234567 | Optional | Must input custRef+Msisdn or accountNum |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional | Must input custRef+Msisdn or accountNum |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| caseID | String | Case ID | e.g. ORDER000000000010000 | Mandatory |  |
| msisdnType | String | Msisdn type | e.g. M/F | Mandatory | M for mobile, F for fix line |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "requester":"CWB01",  "caseID":"ORDER000000000010000",  "msisdnType":"M"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error"  } |



### Update pending case effective date

**Purpose**

Update pending case effective date

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | [https://tykapi-u.hksmartone.com/om/PendCase/updPendEffDate](https://tykapi-u.hksmartone.com/om/service/updPendEffDate) |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/PendCase/updPendEffDate](https://tykapi-u.hksmartone.com/om/service/updPendEffDate) |
| TYK (Production) |  |

API: /updPendEffDate

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Optional |  |
| msisdn | String | Msisdn | e.g. 91234567 | Optional |  |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 | Mandatory |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| caseID | String | Case ID | e.g. ORDER000000000010000 | Mandatory |  |
| msisdnType | String | Msisdn type | e.g. M/F | Mandatory | M for mobile, F for fix line |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "effectiveDate":"2024-10-01 00:00:00",  "requester":"CWB01",  "caseID":"ORDER000000000010000",  "msisdnType":"M"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |

**Sample Response**

Success response:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": ""  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error"  } |

### Get pending case info

**Purpose**

Get pending case information

**Interface Details**

|  |  |
| --- | --- |
| **System** | **Endpoint** |
| TYK (UAT) | [https://tykapi-u.hksmartone.com/om/PendCase/getPendCaseInfo](https://tykapi-u.hksmartone.com/om/service/getPendCaseInfo) |
| TYK (STAGE) | [https://tykapi-s.hksmartone.com/om-stg/PendCase/getPendCaseInfo](https://tykapi-u.hksmartone.com/om/service/getPendCaseInfo) |
| TYK (Production) |  |

API: /getPendCaseInfo

Method: POST

**Request Parameters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Mandatory/**  **Optional** | **Remarks** |
| refSystem | String | Reference System (Max 5 char)  For storing which system came from | e.g. ECSP / SAINV / STAPP/ …etc | Mandatory |  |
| refID | String | Reference ID (Max 20 Char) | e.g. AV904901 | Mandatory |  |
| custRef | String | Customer Reference | e.g. 85061234 | Optional | Must input custRef+Msisdn or caseID |
| msisdn | String | Msisdn | e.g. 91234567 | Optional | Must input custRef+Msisdn or caseID |
| accountNum | String | Account Number | e.g. 85061234.00001 | Optional |  |
| requester | String | Request username | e.g. MayChan | Mandatory |  |
| caseID | String | case ID | e.g. ORDER000000000010000 | Optional | Must input custRef+Msisdn or caseID |
| msisdnType | String | Msisdn type | e.g. M/F | Mandatory | M for mobile, F for fix line |
| parallelRun | String | parallelRun | e.g. 0, 1, 2 | Optional | Only works on uat |

**Sample Request**

|  |
| --- |
| {  "refSystem":"ECSP",  "refID":"1233435235",  "custRef":"85061234",  "msisdn":"91234567",  "acountNum":"85061234.00001",  "requester":"CWB01",  "caseID":"ORDER000000000010000",  "msisdnType":"M"  } |

**Response Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Data Type** | **Description** | **Possible Value** | **Remarks** |
| resultCode | String | Return Result | 0 – Success  <>0 - Failure |  |
| resultMsg | String | Return Error Message | fail message when status code <> 0 |  |
| curPlan | String | Current plan |  |  |
| newPlan | String | New plan |  |  |
| createDate | String | Create Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 |  |
| effectiveDate | String | Effective Date  [Format : yyyy-MM-dd HH:mm:ss] | e.g. 2024-10-01 00:00:00 |  |
| caseID | String | Pending case ID | e.g. ORDER000000000010000 |  |
| pendStatus | String | Pending case status | C / Y – completed  D – ignored/void  P / N – pending  F – fail |  |
| pendErrMsg | String | Pending Error Message |  |  |
| orderStatus | String | Provisioning order status | F – Fail  P – Pending  A – Awaiting  S - Success |  |

**Sample Response**

Success response:

Case found:

|  |
| --- |
| {  "resultCode": "0",  "resultMsg": "",  "curPlan": "3GAO",  "newPlan": "3GSN",  "createDate": "2024-10-10 10:10:10",  "effectiveDate": "2024-11-11 11:11:11",  "caseID": "ORDER123456789012345",  "status": "Y"  } |

Case not found:

|  |
| --- |
| Error  {  "resultCode": "-3",  "resultMsg":"Pending Case not found"  } |

Failure response:

|  |
| --- |
| Error  {  "resultCode": "-1",  "resultMsg":"System Error"  } |