

New Billing Project

ICP Enquiry API Specifications for MyAccount Part 2

Revision History

Revision	Date	Description	Author
1.0	Aug 30, 2025	List of ICP APIs for MyAccount	Claudia Fung
	Sep 8, 2025	Add getFupPlanIndicator Add checkRoamSmsTopupFlagByAcct	Claudia Fung
	Sep 10, 2025	Add getFupVasIndicator	Claudia Fung

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Objectives

This document is to provide the list of ICP API Enquiry to my Account for the new billing project

ICP Enquiry API Specifications

1. Add-On Period

Purpose

To get add-on period to the postpaid subscriber for New Billing system

Reference: this API is replaced by GNV_ADDON_PERIOD.GetAddOnPeriod

Interface Details

Production Endpoints: <https://tykapi-u.hksmartone.com/icp/myAccount>

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

API: /addonPeriod

Type: REST

Method: POST

Add Key to HTTP Request Header for TYK API:

Name	Auth_ID
Value	eyJvcmcioiI2NGY2Y2I1ZmFiYzRhYWl4MGNIzDE1NTUiLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkliwiaCI6Im11cm11cjY0In0=

Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
custNum	String	Customer Number	01234567	Mandatory
acctNum	String	Account Number		Mandatory
subrNum	String	Subscriber Number		Mandatory
parallelRun	String	parallelRun indicator to determine the state of the workflow	<u>Postpaid parallel run - Value of 1st character</u> 0 – existing system 1 – new billing 2 – parallel run in GNV & new billing in OM <u>Prepaid parallel run – Value of 2nd character</u> 0 – existing system 1 – new billing	Mandatory

Sample Request

```
{
  "custNum": "51234567",
  "accountNum": "51234567.00001",
  "subrNum": "91234567",
  "parallelRun": "11"
}
```

Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Return Result	0 – Success -1 – Failure	
resultMsg	String	Return Error Code		
startDate	String	Start Date for add-on period	Format: YYYY-MM-DD	
endDate	String	End Date for add-on period	Format: YYYY-MM-DD	
totalUsage	String	Total usage		

Success response

```
{
  "resultCode": "0",
  "resultMsg": "SUCCESS",
  "startDate": "2025-08-01 00:00:00",
  "endDate": "2025-08-31 23:59:59",
  "totalUsage": "100"
}
```

Fail response

```
{
  "resultCode": "-1",
  "resultMsg": "Missing input parameters"
}
```

2. Get FUP Plan Indicator

Purpose

To check FUP plan indicator for the postpaid subscriber only

Reference: SW_GNV_DATA_ALERT_PKG.GetLFUPPlanIndicator

Interface Details

Production Endpoints: <https://tykapi.hksmartone.com/icp/myAccount/>

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

API: /getLFUPPlanIndictor

Type: REST

Method: POST

Add Key to HTTP Request Header for TYK API:

Name	Auth_ID
Value	eyJvcmdiOiI2NGY2Y2I1ZmFiYzRhYWl4MGNIzDE1NTUiLCJpZC6lajFiYzI4OGIzYzJjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkIiwiaCI6Im11cm11cjY0In0=

Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
custNum	String	Customer number		Mandatory
acctNum	String	Account number		Mandatory
subrNum	String	Subscriber number		Mandatory
parallelRun	String	parallelRun indicator to determine the state of the workflow	<u>Postpaid parallel run – Value of 1st character</u> 0 – existing system 1 – new billing 2 – parallel run in GNV & new billing in OM <u>Prepaid parallel run – Value of 2nd character</u> 0 – existing system 1 – new billing	Mandatory

Sample Request

```
{
  "custNum": "85012345",
  "acctNum": "85012345.00001",
  "subNum": "91234567",
  "parallelRun": "00"
}
```

Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Response result	See below table	
resultMsg	String	Error description return from IS billing api		
fupPlanIndicator	String	Exist FUP Plan or not	Y – Exist N – Not exist	

Result Code

Result Code	Severity	Description
0	N/A	Success
-1	N/A	Missing input parameter

Success response

```
{
  "resultCode": "0",
  "resultMsg": "",
  "fupPlanIndicator": "Y"
}
```

Fail response

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


3. Check Roaming Data Topup Flag By Account

Purpose

To check postpaid roaming data topup flag by Account

Reference: GNV_DATA_RG_ALERT_PKG.CheckRoamSmsTopupFlagByAcct and
SW_GNV_DATA_ALERT_PKG.CheckSmsTopupFlag

Interface Details

Production Endpoints: <https://tykapi.hksmartone.com/icp/myAccount/>

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

API: /checkRoamSmsTopupFlagByAcct

Type: REST

Method: POST

Add Key to HTTP Request Header for TYK API:

Name	Auth_ID
Value	eyJvcpciOiI2NGY2Y2I1ZmFiYzRhYWY4MGNIWDE1NTUjLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkIiwiaCI6Im11cm11cjY0In0=

Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
accountNum	String	Account number		Mandatory
requestBy	String	Request By	OM	Mandatory
parallelRun	String	parallelRun indicator to determine the state of the workflow	<u>Postpaid parallel run - Value of 1st charatcer</u> 0 – existing system 1 – new billing 2 – parallel run in GNV & new billing in OM <u>Prepaid parallel run – Value of 2nd character</u> 0 – existing system 1 – new billing	Mandatory

Sample Request

```
{
  "accountNum": "00008843.00028",
  "requestBy": "OM_Admin",
  "parallelRun": "11"
}
```

Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Response result	See below table	
resultMsg	String	Error description return from IS billing api		
status	String	Return valid result 0 – success 1 or 2 or 98 or 99 - fail		
statusMessage	String	Status message Status 0: Success Status 1: Multiple replies Status 2: No valid invitation records Status 98 or 99: System error		

Result Code

Result Code	Severity	Description
0	N/A	Success
-1	N/A	Missing input parameter

Success response

```
{
  "resultCode": "0",
  "resultMsg": "",
  "status": "0",
  "statusMessage": "Success"
}
```

Fail response

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

4. Get FUP Vas Indicator

Purpose

To check the subscriber having FUP Vas Code in the billing system for postpaid service
[Ref: SW_GNV_DATA_ALERT_PKG.GetFUPVasIndicator]

Interface Details

Production Endpoints: <https://tykapi.hksmartone.com/icp/myAccount>

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

API: /getFupVasIndicator

Type: REST

Method: POST

Add Key to HTTP Request Header for TYK API:

Name	Auth_ID
Value	eyJvcpciOiI2NGY2Y2I1ZmFiYzRhYWY4MGNIZDE1NTUiLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkliwiaCI6Im11cm11cjY0In0=

Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
custNum	String	Customer number		Mandatory
accountNum	String	Account number		Mandatory
subrNum	String	Subscriber number		Mandatory
parallelRun	String	parallelRun indicator to determine the state of the workflow	<u>Postpaid parallel run – Value of 1st character</u> 0 – existing system 1 – new billing 2 – parallel run in GNV & new billing in OM <u>Prepaid parallel run – Value of 2nd character</u> 0 – existing system 1 – new billing	Mandatory

Sample Request

```
{
  "custNum": "00008843",
  "accountNum": "00008843.00028",
  "subNum": "91234567",
  "parallelRun": "00"
}
```

Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Response result	See below table	
errorCode	String	Error code return from Covalense billing api		
errorDesc	String	Error description return from Covalense billing api		
FupVasInd	String	The subscriber has add-on FUP Vas bill code	Y – has Fup bill code	

Result Code

Result Code	Severity	Description
0	N/A	Success
-1	N/A	Missing input parameter

Success response

```
{
  "resultCode": "0",
  "errorDesc": "",
  "errorCode": "",
  "FupVasInd": "Y"
}
```

Fail response

```
{
  "resultCode": "-1",
  "errorCode": "-1",
  "errorDesc": "Missing input parameter"
}
```