

# **New Billing Project**

## **ICP Enquiry API (Part 2) Specifications**

## Revision History

Revision	Date	Description	Author
1.0	31-Oct-2024	List of ICP Enquiry provided for new billing project that are NOT interfaced with new billing API	Claudia Fung

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## Objectives

This document is to provide the list of enquiry functions designed for new billing project that are NOT interfaced with new billing API.

## ICP Enquiry API (Part 2) Specifications

### TYK API

Internal UAT	<a href="https://tykapi-u.hksmartone.com/icp">https://tykapi-u.hksmartone.com/icp</a>	Auth_ID: eyJvcmdiOil2NGY2Y2I1ZmFiYzRhYWl4MGNIzDE1NTUiLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFIM2ZiMWUyNGJlMDAyN2FkliwiaCl6Im11cm11cjY0In0=
Internal Staging	<a href="https://tykapi-s.hksmartone.com/icpstg">https://tykapi-s.hksmartone.com/icpstg</a>	Auth_ID: eyJvcmdiOil2NGY2Y2I1ZmFiYzRhYWl4MGNIzDE1NTUiLCJpZCI6IjRiNWQzNWZiZGZjZDQxZTliMjUzODI4YmM3MTJlYzY2M5liwiaCl6Im11cm11cjY0In0=
Internal Production	<a href="https://tykapi.hksmartone.com/icp">https://tykapi.hksmartone.com/icp</a>	Auth_ID: eyJvcmdiOil2NTcxMzJkNTc2NzRjZjY2YmE3MTc2NDIiLCJpZCI6IjE2NGFjZTYxMDJkZTQ2M2ZiZGJhZmM5NTczMjI5ZTk3liwiaCl6Im11cm11cjY0In0=
Internal DR	<a href="https://tykapi-dr.hksmartone.com/icp">https://tykapi-dr.hksmartone.com/icp</a>	Auth_ID: eyJvcmdiOil2NTQ4NTZlZGY3M2JhMDdiNzZiYTEyNDkiLCJpZCI6IjI1NDY4OGQzMtNjNjQ3ZjNiZTZkNGRjMGlyZGQxOTk3liwiaCl6Im11cm11cjY0In0=

### 1. Check Parallel Run

#### Purpose

To check the current state at parallel run or not

#### Interface Details

**Production Endpoints:** TBC

System	Endpoint (UAT)
UAT	<a href="https://crm-uat.smartone.com/api/">https://crm-uat.smartone.com/api/</a>
TYK	<a href="https://tykapi-u.hksmartone.com/icp/">https://tykapi-u.hksmartone.com/icp/</a>

**API:** /isParallelRun

**Type:** REST

**Method:** POST

**Add Key to HTTP Request Header for TYK API:**

Name	Auth_ID
Value	eyJvcmdiOiI2NGY2Y2I1ZmFiYzRhYWl4MGNIZDE1NTUiLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkliwiaCI6Im11cm11cjY0In0=

## Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
parallelRun	String	parallelRun indicator to determine the state of the workflow	<u>Value</u> 0 – existing system 1 – new billing 2 – parallel run in GNV & new billing in OM	Mandatory

## Sample Request

```
{
  "parallelRun": "0"
}
```

## Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Response result	0 - Success 1 - Failure	Mandatory
parallelRun	String	parallelRun indicator to determine the state of the workflow. For production, it is determined by this API only	<u>Value</u> 0 – existing system 1 – new billing 2 – parallel run in GNV & new billing in OM	Mandatory
isReconcile	Boolean	Indicate to run the Kafka reconciliation process or not	<u>Value</u> TRUE – run reconciliation FALSE – skip running reconciliation	Mandatory

## Success response

```
{
  "resultCode": "0"
  "parallelRun": "0"
  "isReconcile": TRUE
}
```

## Fail response

```
{
  "resultCode": "1",
}
```

## 2. Get Dealer Name

### Purpose

To get the dealer's name for the given dealer code which are registered by IDBR (DEALER)

Note: reference to FES packages: lib\_customer.get\_dealer\_name

**Production Endpoints:** TBC

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

**API:** /getDealerName

**Type:** REST

**Method:** POST

**Add Key to HTTP Request Header for TYK API:**

Name	Auth_ID
Value	eyJvcmdiOiI2NGY2Y2I1ZmFiYzRhYWl4MGNIWDE1NTUuLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkIiwiaCI6Im11cm11cjY0In0=

### Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
dealerCode	String	Dealer code e.g. LOANER, MAIH00005		Mandatory

### Sample Request

<pre>{   "dealerCode": "MAIH00005" }</pre>
--

## Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Response result	0 – Success 1 – Failure	
resultMsg	String	Response Message		
dealerName	String	Dealer name		

## Sample Response

Success response	HTTP response code: 200
Fail response	HTTP response code: 500 (with error message)

### Success response

```
{
  "resultCode": "0",
  "resultMsg": "SUCCESS",
  "dealerName": "APPLEXXX)"
}
```

### Fail response

```
{
  "resultCode": "1",
  "resultMsg": "Internal error "
}
```



### 3. Account Existence

#### Purpose

To check the existence of the input account in ICP system; for example, MNP/OM can check account existence when confirm port-out/port-in

**Production Endpoints:** TBC

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

**API:** /acctExist

**Type:** REST

**Method:** POST

**Add Key to HTTP Request Header for TYK API:**

Name	Auth_ID
Value	eyJvcmdiOiI2NGY2Y2I1ZmFiYzRhYWl4MGNIWDE1NTUuLCJpZCI6IjFiYzI4OGIzYzZjMTQxNjFiM2ZiMWUyNGJlMDAyN2FkIiwiaCI6Im11cm11cjY0In0=

#### Request Parameters

Parameter	Data Type	Description	Possible Value	Remarks
custNum	String	Customer number		Mandatory

#### Sample Request

<pre>{   "custNum": "012345678" }</pre>
---

## Response Parameters

Parameter	Data Type	Description	Possible Value	Remarks
resultCode	String	Response result	0 – Success 1 – Failure	
resultMsg	String	Response message		
isExist	String	The account exists in ICP	0 – Exist 1 – Not Exist	
custId	String	Customer identifier		
acctType	String	Type of this account	POSTPAID BIRDIES MVNO PREPAID PREPAID_HPP	

## Sample Response

Success response	HTTP response code: 200
Fail response	HTTP response code: 500 (with error message)

### Success response

```
{
  "resultCode": "0",
  "resultMsg": "SUCCESS",
  "isExist": "0",
  "custId": "AB-123d-XY",
  "acctType": "POSTPAID"
}
```

### Fail response

```
{
  "resultCode": "1",
  "resultMsg": "Internal error "
}
```