**App <-> NDK**

**Protocol Define**

2012년 8월 1일

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02-556-1737

목차

[1. Overview 5](#_Toc465200251)

[2. Download Progress 6](#_Toc465200252)

[2.1. PDACOM.DB 6](#_Toc465200253)

[2.2. PDACOM2.DB 9](#_Toc465200254)

[3. Common TR List 11](#_Toc465200255)

[3.1. A0001 - Login 11](#_Toc465200256)

[3.2. A0002 – Get Orion News 13](#_Toc465200257)

[3.3. A0003 – Get User Org Structure 13](#_Toc465200258)

[3.4. A0004 – Get Not Read Message 14](#_Toc465200259)

[3.5. A0005 – Input Message Read 15](#_Toc465200260)

[3.6. A0010 – Get DownLoad List 15](#_Toc465200261)

[3.7. A1000 – Send Position 16](#_Toc465200262)

[3.8. A0303 – Get Managed Dealer List 16](#_Toc465200263)

[3.9. A0304 – Get Dealer Stock List 18](#_Toc465200264)

[4. Salesman View 21](#_Toc465200265)

[4.1. A0100 – Summary Sales, Result Sales 21](#_Toc465200266)

[4.2. A0101 – Summary SalesShop 22](#_Toc465200267)

[4.3. 0A0104 – Summary Delivery 23](#_Toc465200268)

[4.4. A0103 - Summary Display 24](#_Toc465200269)

[4.5. A0110 – Route 25](#_Toc465200270)

[4.6. A0111 – Get Route Schedule Shop’s Previous Visit Display Info 26](#_Toc465200271)

[4.7. A0112 – Get Route All Shop’s Information. 26](#_Toc465200272)

[4.8. A0113 – Get Route Shop’s Stock Information. 28](#_Toc465200273)

[4.9. A0114 – Get SM WorkDay Route List 28](#_Toc465200274)

[4.10. A0115 – Route Input Visit Shop History 29](#_Toc465200275)

[4.11. A0116 – Shop Location Input 30](#_Toc465200276)

[4.12. A0117 – New Shop, Stop Shop Trade, Update Shop Input 31](#_Toc465200277)

[4.13. A0118 – Stock Input 32](#_Toc465200278)

[4.14. A0119 – Display Input 34](#_Toc465200279)

[4.15. A0120 – Get Order Non Shop List 35](#_Toc465200280)

[4.16. A0121 – Get Promotion List 36](#_Toc465200281)

[4.16.1 Promotion Calculation And How to display promotion icon. 38](#_Toc465200282)

[4.17. A0122 - Get Non Shop SKU Promotion List 39](#_Toc465200283)

[4.18. A0123 - Get New Shop Promotion List 40](#_Toc465200284)

[4.19. A0124 – Input Order 41](#_Toc465200285)

[4.20. A0125 – Promotion History Input 43](#_Toc465200286)

[4.20.1 How to Save Promotion History 44](#_Toc465200287)

[4.21. A0130 – RESULT Sales Shop 46](#_Toc465200288)

[4.22. A0131 – RESULT NON SHOP Get Shop + Route List 47](#_Toc465200289)

[4.23. A0132 – RESULT NON SHOP Get SKU MTD Qty 48](#_Toc465200290)

[5. Supervisor View 50](#_Toc465200291)

[5.1. A0200 – Get Managed List 50](#_Toc465200292)

[5.2. A0201 – Summary Sales 51](#_Toc465200293)

[5.3. A0202 – Summary SalesShop 51](#_Toc465200294)

[5.4. A0204 – Summary Delivery 53](#_Toc465200295)

[5.5. A0203 - Summary Display 54](#_Toc465200296)

[5.6. A0210 – Get GS Working Schedule Info 55](#_Toc465200297)

[5.7. A0211 – Working Schedule My Plan Distribution of Shop 58](#_Toc465200298)

[5.8. A0212 – Working Schedule My Plan Display 59](#_Toc465200299)

[5.9. A0229– Working Schedule Checking Display 60](#_Toc465200300)

[5.10. A0231– Working Schedule Input Checking Display 62](#_Toc465200301)

[5.11. A0213 – Working Schedule Input Competitor. 63](#_Toc465200302)

[5.12. A0216 – Working Schedule Get Salesman List 64](#_Toc465200303)

[5.13. A0214 – Working Schedule Result Today Order Status 64](#_Toc465200304)

[5.14. A0215 – Working Schedule Result Today Shop Grade 66](#_Toc465200305)

[5.15. A0217 – Working Schedule Distribution Result(old) 68](#_Toc465200306)

[5.16. A0230 – Working Schedule Distribution Result(New) 69](#_Toc465200307)

[5.17. A0218 –Working Schedule Result ALL(A2014,2015,2016) 70](#_Toc465200308)

[5.18. A0219 – Working Schedule Display Result 72](#_Toc465200309)

[5.19. A0220 – Working Schedule Competitor Result(old) 73](#_Toc465200310)

[5.20. A0228 – Working Schedule Competitor Result(New) 75](#_Toc465200311)

[5.21. A0221 – Working Schedule Dealer Stock. 77](#_Toc465200312)

[5.22. A0222 – Working Schedule Dealer Stock Input 78](#_Toc465200313)

[5.23. A0223 – Route Summary 79](#_Toc465200314)

[5.24. A0224 – Route Summary Detail 80](#_Toc465200315)

[5.25. A0232 – Get Salesman Track Log 81](#_Toc465200316)

[5.26. A0225 – Confirm Shop List. 83](#_Toc465200317)

[5.27. A0226 – Input Confirm Shop 86](#_Toc465200318)

[5.28. A0227 – Get Input Day Work With EmpID List 87](#_Toc465200319)

[5.29. A0301 – Result, Get Area GS List 88](#_Toc465200320)

[5.30. A0302 – Result, Get Sales By Org 89](#_Toc465200321)

[5.31. A0305 – Result, Get Sales By Product 90](#_Toc465200322)

|  |
| --- |
| **Revision History** |

|  |  |  |
| --- | --- | --- |
| Date | Author | History |
| 2016-07-27 | Yangmanwoo | First Wirtten |
|  |  |  |

# Overview

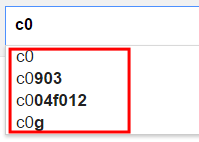
All Data Fomat is Json string. All Json Data Type is String.

All Response Data have ‘RESULT’ Parameter.

RESULT VALUE is Below…

|  |  |
| --- | --- |
| **RESULT** | **Description** |
| **0** | No Error |
| **100** | UnKnown TR |
| **101** | Packet size error |
| **102** | Packet Process error |
| **150** | Not Implemented… |
| **255** | Unknown error. |
| **201** | Input Json Data may be Empty check your data |
| **202** | Can’t Parse your data to Json. Check your data. |

< 1.1 Table of RESULT Value >

* GPS Data is WGS84.  
  ex) 45901394,13249944  
  ex) 127.4353 = 127.4353 X 360000 => 45876708 : 8 Integer value
* **All Input Box have suggestion function.**: input history for easily input.< example suggestion >
* **All Brand has SKU.**: if Brand touch. Expand SKU.

# Download Progress

After PDA first login, Important information Download..

PDA check the version. If exist newest version must download. And Use Local DB.

PDA have to managed Version.

*Request / Response Donwload list*

SmartTP

PDA

*Update Daily Generate files*

*Request File Download*

Daily Create Service Daemon

Web

Server

SQLite

Files

SQLite

Files

*Save and Use Local DB*

*File is Compress quicklz*

## PDACOM.DB

This Databse have Address Information,…

|  |  |
| --- | --- |
| **Name** | **Description** |
| **ADDRESS\_M = Address Information Have 3 Depth.** | |
| **ADDR1** | Address 1 Code, Tỉnh/ 省 |
| **ADDR2** | Address 2 Code, huyện/ 縣 |
| **ADDR3** | Address 3 Code, xã/ 社 |
| **ADDR1DSC** | Address 1 Name |
| **ADDR2DSC** | Address 2 Name |
| **ADDR3DSC** | Address 3 Name |
| **DEALERCD** | Dealer Code |
| **HIDEPTCD** | Upper Dept Code |
| **DEALERNM** | Dealer Name |
|  |  |

|  |  |
| --- | --- |
| **Name** | **Description** |
| **ADDRESS\_STREET\_M = Street Information. About 130,000 Count.** | |
| **STREETCD** | Street Code Number |
| **STREETNM** | Street Name |
|  |  |

|  |  |
| --- | --- |
| **Alias** | **Description** |
| **CODE\_H = Basic Code Value information. This information using Code / Value Display.** | |
| CODEGROUP | Code Group Name |
| CODEKEY | Code Key |
| CODEDESC | Code Description |
| CODEVALUE | Code Value 1 |
| CODEVALUE2 | Code Value 1 |
| CODEVALUE3 | Code Value 1 |
| CODEVALUE4 | Code Value 1 |
| CODEVALUE5 | Code Value 1 |
| CODEVALUE6 | Code Value 1 |
| GUBUN | Gubun |
| BIGO | Bigo |
| PLANTCD | Plant Code |
|  |  |
|  |  |

* **Below is Description of CODEGROUP**
* **Tool Kind Information**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | TOOLKIND |
| **CodeKey** | F0001,…. = FACE, H0001,… = Hanger, S0001,… = Standee,  P0001,… = Pack On Tool |
| **CodeDesc** | Description |
| **CodeValue** | FACE, HANGER, STANDEE, PACK ON TOOL |
| **CodeValue2** | PDA List Header Field Display Y or N |
| **CodeValue3** | Check Tool Qty ? Y or N |
| **CodeValue4** | Check Shop Qty ? Y or N |
| **CodeValue5** | TeamCode, 01=Pie, 02=Snack, 03=Gum, 04=mix it defined code\_h codegourp teamkind. |

**< TOOLKIND CODEGROUP >**

* **Shop Close Reason**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | REASON |
| **CodeKey** | 1, 2, 3,…. Digit Number |
| **CodeDesc** | Reason Description |

**< REASON CODEGROUP >**

* **Shop Sale Channel Information.**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | CUSCHN1, The Shop Channel Info. |
| **CodeKey** | Channel Code Key |
| **CodeDesc** | Channel Code Key Description. |

**< Shop Channel CODEGROUP>**

* **SalesMan Route Week Information**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | ROUTEWEEK |
| **CodeKey** | Route Day. Index Number 0~ N. route wkday. |
| **CodeDesc** | Route Day Description. |
| **CodeValue** | ‘0’ Route No. Visit Day |
| **CodeValue2** | ‘1’ Route No. Visit Day |
| **CodeValue3** | ‘2’ Route No. Visit Day |
| **CodeValue4** | ‘3’ Route No. Visit Day |

**< ROUTEWEEK CODEGROUP >**

* **TEAM Information**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | TEAMKIND |
| **CodeKey** | Team Code |
| **CodeDesc** | Team Name |

**< TEAMKIND CODEGROUP >**

* **COMPETITOR Information**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | COMPETITOR |
| **CodeKey** | Competitor Code Key. Ex)CP000 ~ … |
| **CodeDesc** | Competitor Name |
| **CODEVALUE** | Pie Competitor Yes or No |
| **CODEVALUE2** | Snack Competitor Yes or No |

**< COMPETITOR CODEGROUP >**

* **PROMOTION LEVEL Information**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| **CodeGroup** | PMTLEVEL |
| **CodeKey** | Promotion Level,. 1~ 5 |
| **CodeDesc** | Peomotion Level String |
|  |  |
|  |  |

**< PMTLEVEL CODEGROUP >**

## PDACOM2.DB

This Database have Product information and Team Display information.

|  |  |
| --- | --- |
| **Name** | **Description** |
| **PRODUCT\_B = ALL Product information for SM Order(Stock input)** | |
| **TEAM** | Team Name , GTEAM(Gum Team) or PTEAM(Pie Team) or STEAM(Snack Team) |
| PRDKIND | Product Kind Code |
| PRDNM | Product Kind Name |
| PRDCLS1 | Brand Code |
| BRANDNM | Brand Name |
| TPRDCD | SKU Code |
| PRDDSC | SKU Name |
| CSEEAQTY | 1Case How Many EA Qty. |
| BXCSEQTY | 1Box How Many Case Qty |
| BXEAQTY | 1Box How Many EA Qty |
| STOREPRICE | 1Box Price |
| STORECASEPRICE | 1Case Price |
| STOREEAPRICE | 1EA Price |
| BOXSALESYN | This Product Sale Per Box Y or N |
| CASESALESYN | This Product Sale Per Case Y or N |
| EASALESYN | This Product Sale Per EA Y or N |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| **Name** | **Description** |
| **TEAM\_DISPLAY = Team(Pie or Snack) Dispay for SM Order(Display)** | |
| TEAMCD | Team Code ‘01’=pie, ‘02’=snack |
| TEAMNM | Team Name Pie or Snack |
| TOOLCD | Display Tool Code |
| TOOLNM | Display Tool Name |
| BRAND | Tool Brand Name |
| CHECKTOOKQTY | This tool check tool qty. |
| CHECKSHOPQTY | This tool check shop qty. |

# Common TR List

## A0001 - Login

Login TR. Request server to login process.

Response Parameter may be added because terminal config value change….

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **ID** | Login ID |
| **PWD** | Login PWD |
| **DEVICEVERSION** | DEVICE Version String. |

* Response Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| RESULT | 0 = OK.  1 = No Data. 2 = Wrong Password |
| USERNAME | Login User Name |
| PASSWORD | Login User Password |
| DEPTCD | Login User Dept Code |
| ROUTENO | Route No |
| PERSHORTDSC | Detail Login User Name |
| RETIREYN | Is Retired? Y/N |
| SALESMANTYPE | RS : Root Sales  DS : Direct Sales  PS : Pre Sales  Others ‘’ |
| JOBCODE | Job Code. |
| JOBNAME | Job Name |
| JOBGRADE | Login User Grade.  BM=Branch Master, AS=Area Supervisor, GS=Giam Sak, SM=SalesMan |
| MNGEMPID | Upper Manager ID |
| HIDEPTCD | Upper Dept Code |
| TEAM | Login User Team for sales man. 01=Pie Team, 02=SnackTeam, 03=Gum Team,04=Mix Team |
| SENDINTERVAL | GPS Position Data Send Interval, second 360000 |
| GPSINTERVAL | GPS Gather Interval, second 360000 |
| IMGSERVERIP | Image server ip |
| IMGSERVERPORT | Image server port |
| PUSHSERVERIP | Push server ip |
| PUSHSERVERPORT | Push server port |
| SEARCHINTERVAL | SM Check Shop Distance Interval. . Second. |
| DOWNLOADDAY | Login After How many day data download, per day. Default 2day |
| RESENDSECOND | Send Fail Data Resend Second. You will use this value. Every ReseondSecond Times, if not send data send data. |
| CHECKSHOPDISTANCE | When Visit Shop. Check Order button Activate near by Shop.  The Disatance meter. Default is 50 meter. |
| GPSSTARTTIME | SM Send current Postion. Start Time HHMM |
| GPSENDTIME | SM Send current Postion. End Time HHMM |

* Related SP Name  
  : SMSDB.DBO.STP\_LOGIN
* Related Table Name  
  : SMSDB.DBO.TERMINAL\_CONFIG\_MASTER

|  |
| --- |
| **Sample Data** |
| { "ID": "2111250", "PWD": "121321"} |
| **Response** |
| {  "DEPTCD" : "A107000000",  "GPSINTERVAL" : "10",  "HIDEPTCD" : "A100000000",  "IMGSERVERIP" : "",  "IMGSERVERPORT" : "",  "JOBCODE" : "A0517",  "JOBNAME" : "IT Magmt",  "MNGEMPID" : " ",  "PASSWORD" : "kscksc01",  "PERSHORTDSC" : "Kim Cheol Yeong",  "PUSHSERVERIP" : "",  "PUSHSERVERPORT" : "",  "RESULT" : "0",  "RETIREYN" : "N",  "ROUTENO" : "0",  "SALESMANTYPE" : "",  "SENDINTERVAL" : "10",  "USERID" : "2111250",  "USERNAME" : "Kim Cheol"  } |

## A0002 – Get Orion News

Don’t Save Local DB. Just Call API, when Info Tab.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | TYPE | 01:News, 02:Promotion, 03:contest, 04:Display,05:Product |
| V2 | TYPENM | Type Name |
| V3 | ID | Sequence ID |
| V4 | TITLE | Title |
| V5 | FULLDESCRIPTION | **Content, encoding base64 , you have to decoding base64** |
| V6 | IMAGEURL | Image URL. |
| V7 | STARTDATE | Article StartDate YYYYMMDD |
| V8 | ENDDATE | Article EndDate YYYYMMDD |
| V9 | CREATEDATE | Create Date YYYYMMDD |
| V10 | AUTHOR | Author |
| V11 | AUTHORNM | Author Name |

## A0003 – Get User Org Structure

Include Download Page. Save local db.

This API get login user-id org structure for display message box org structure.

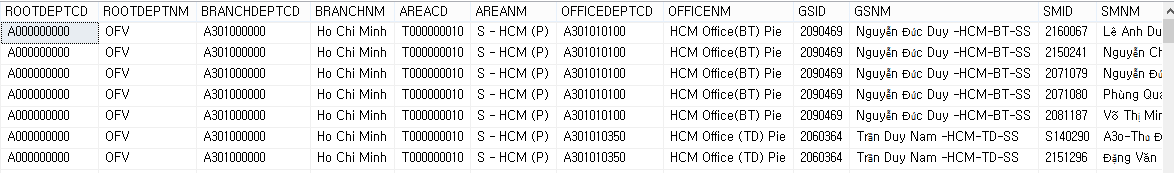
SM can select GS, can’t select AS/Branch.  
GS can select AS, can’t select Branch.  
AS select all.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | BRANCHDEPTCD | Branch Code |
| V2 | BRANCHNM | Branch Name |
| V3 | AREACD | Area Code |
| V4 | AREANM | Area Name |
| V5 | OFFICEDEPTCD | **Office Code** |
| V6 | OFFICENM | Office Name |
| V7 | GSID | GS ID |
| V8 | GSNM | GS Name |
| V9 | SMID | SM ID |
| V10 | SMNM | SM Name |
|  |  |  |



## A0004 – Get Not Read Message

Include Download Page. Save local db.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | CDATE | Message Send Date YYYYMMDD |
| V2 | CTIME | Message Send Time HHMMSS |
| V3 | AUTHOR | Author User ID |
| V4 | AUTHORNM | Author User Name |
| V5 | MSGBODY | **Message** |
|  |  |  |

## A0005 – Input Message Read

If Received message(A0004), you must call this api for recording read finish. Call one by one received message.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATE** | Received message send date YYYYMMDD |
| **CTIME** | Received message send time HHMMSS |
| **AUTHORID** | Message Author ID |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 or 1 = OK. |
|  |  |  |
|  |  |  |

## A0006 – Send Message

Send Message is to user. If branch, area selected you pass areacd, branchcd,

This api send one person to message. If multiple select user or org, call one by one api.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **EMPID** | Send Employee ID, if Branch or Area this value empty. |
| **MESSAGE** | Message |
| **AREACD** | If selected Area, this value valid. If EMPID is not empty this value ignore. |
| **BRANCHCD** | If selected Branch, this value valid. If EMPID is not empty this value ignore. |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK. 1 = FAIL. => just display to user send fail. |
|  |  |  |
|  |  |  |

## A0010 – Get DownLoad List

PDA first Check the newest Version from server.

If Newer Version exist. Download form the URL.(WEB Server)

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **PDATYPE** | 1=SALESMAN, 2=SUPERVISOR |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | FILENAME | Save File Name |
| V2 | VERION | File Version YYYYMMDDHHMMSS |
| V3 | URL | Download URL ex) http://xxx.xxx.xxx/SALDB.DB.QLZ |
|  |  |  |

## A0020 – Get ServerTime

Every login time. PDA Sync Time to Server.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |

* Response Parameter  
  you have to setting time to PDA.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| DATETIME |  | YYYYMMDDhhmmss |
|  |  |  |
|  |  |  |
|  |  |  |

## A1000 – Send Position

Send GPS Position. It’s described A0001 response.

SENDINTERVAL, GPSINTERVAL Value. GPS DATA is WGS84.

If SendInterval=30, GpsInterval=10, 3 GPS Data Send, every 30 second.

* Send Parameter  
  Json data array type. Max send data is 50 count.  
  Json data array name is “LIST”.

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **TIME** | hhmmss |
| **LON** | Longitude |
| **LAT** | Latitude |
| **SPEED** | Speed |
| **ANGLE** | Angle |
|  |  |

* Response Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| RESULT | 0 = OK. |
|  |  |

## A0303 – Get Managed Dealer List

SM or GS have a Dealer for Order. You get Dealer List this API.

Call This API you can fill Result Stock Dealer Combobox.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **MODE** | ‘G’ or ‘S’ , G=Giam Sak, S=Salesman  Salesman have to Use ‘S’  GS have to Use ‘G’ |
| **DATE** | Search Date YYYYMMDD |
| **GSID** | Giam Sak ID. |

* Response Parameter  
  Bule Section json array. Name is “LIST”

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK. 1=no data.  Other error see that 1.1 RESULT error list. |
| V1 | DEALERID | Dealer ID |
| V2 | DEALERNAME | Dealer Name |
| V3 | HIDEPTCD | Dealer hideptcd |
|  |  |  |

Test Data

{ \"MODE\" : \"G\",\"DATE\" : \"20160708\",\"GSID\" : \"2090469\" }

Or

{ \"MODE\" : \"S\",\"DATE\" : \"20160708\",\"GSID\" : \"2090469\" }

Result.

{

"LIST" : [

{

"V1" : "00078040",

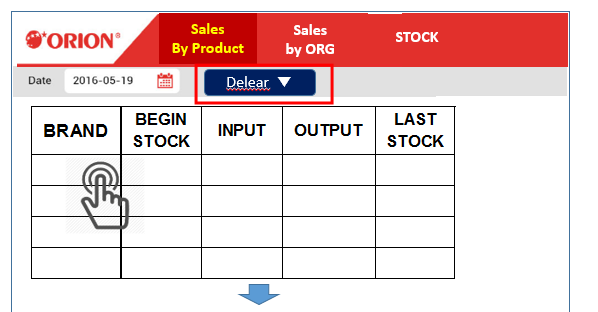
"V2" : "01HCM -Thi챗n Tu梳쩸"

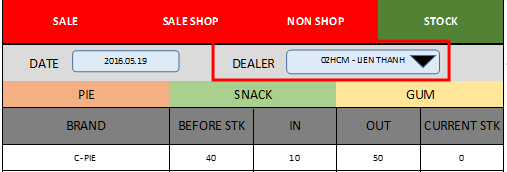
}

],

"RESULT" : "0"

}





## A0304 – Get Dealer Stock List

Get Dealer Sock List. The dealer ID Info you can get A0303 api.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Date YYYYMMDD |
| **HIDEPTCD** | Dealer Hi Department Code. You can get a0303 api. |
| **DEALERID** | Dealer Code. You can get a0303 api. |

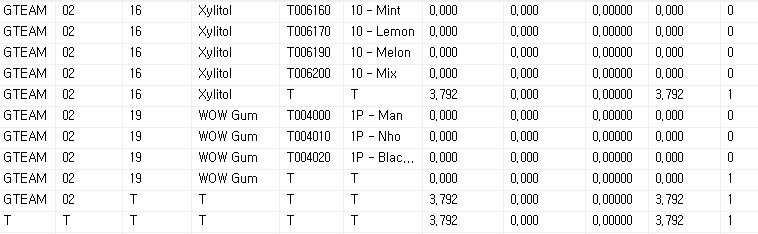
* Response Parameter  
  Bule Section json array. Name is “LIST”

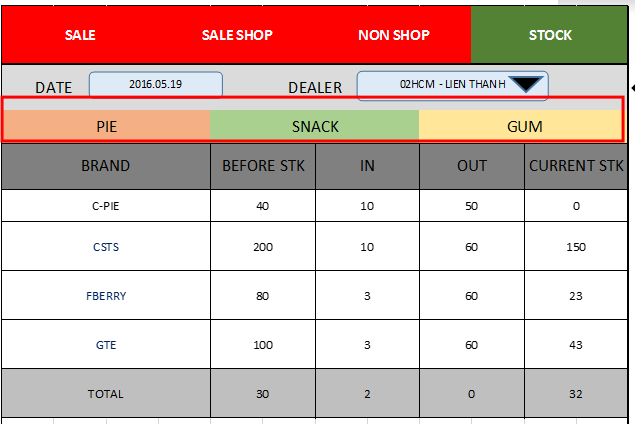
|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK. 1=no data.  Other error see that 1.1 RESULT error list. |
| V1 | TEAM | Team String. ‘PIE’ or ‘SNACK’ or ‘GUM’  This Value Only SM. |
| V2 | PRDCLS1 | Brand Code, if ‘T’ this record sum data of Team. |
| V3 | PRDCLS1NM | Brand Name |
| V4 | TPRDCD | SKU Code, if ‘T’ this record Sum Data of Brand. |
| V5 | TPRDNM | SKU Name |
| V6 | PRVINVQTY | Before Stock Qty |
| V7 | INQTY | In Qty |
| V8 | OUTQTY | Out Qty |
| V9 | CURRQTY | Current Qty |
| V10 | ISGROUP | 1= grouping data, else not |

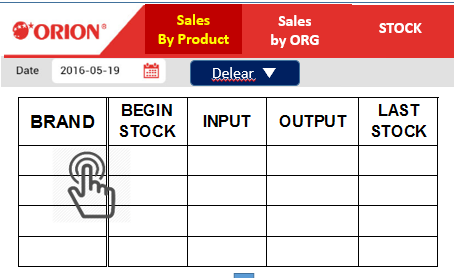
The Salesman Display by Team.

Test Data

{ \"HIDEPTCD\" : \"A301000000\",\"DATE\" : \"20160708\",\"DEALERID\" : \"00000004\" }







# Salesman View

## A0100 – Summary Sales, Result Sales

* Send Parameter

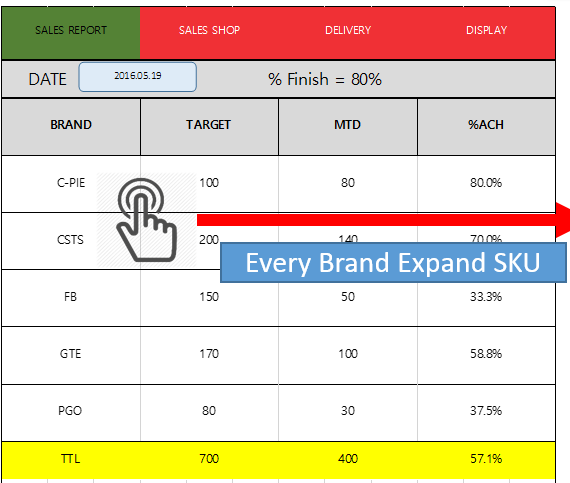
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Yyyymmdd |
| **MNGEMPID** | Giam Sak ID. Get A0001 login result. |
|  |  |

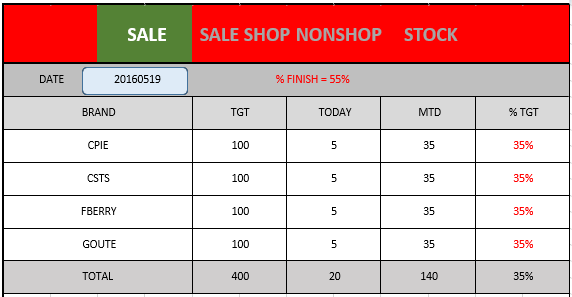
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v9 : The display is rounded to the first decimal place.
* GPS Array Data Can’t not Over 100 count.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| FINISH |  | Finish % |
| V1 | PRDCLS1 | Brand Code. If ‘T’ is total sum data. |
| V2 | PRDCLS1NM | Brand Name |
| V3 | TPRDCD | SKU Code if ‘T’ is total sum data. |
| V4 | TPRDNM | SKU Name |
| V5 | MTD\_QTY | MTD Qty |
| V6 | TAR\_QTY | TAR Qty |
| V7 | VSMTD\_QTY | %ACH |
| V8 | ISGROUP | If ‘1’ is Total Sum Data, 0 is not. |
| V9 | TODAY\_QTY | Today Qty |
| V0 | TORDERBILL | Today Order Bill Count. => only display result page. |

Test Data

{ “DATE“ : “20160708”, “MNGEMPID “2090469” }





## A0101 – Summary SalesShop

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **MNGEMPID** | Giam Sak ID. Get A0001 login result. |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | PRDCLS1 | Brand Code, if ‘T’ is sum data |
| V2 | PRDCLS1NM | Brand Name |
| V3 | TPRDCD | SKU Code. If ‘T’ is sum data |
| V4 | TPRDNM | SKU Name |
| V5 | TTL SHOP | Total Shop Count |
| V6 | SALES SHOP | Sales Shop Count |
| V7 | SHOP % | Per SKU TTL Shop/Sale Shop %, |
| V8 | ISGOUP | Is group data 1=group, 0=no |
|  |  |  |

Test Data

{ “DATE“ : “20160708”, “MNGEMPID “2090469” }

## 0A0104 – Summary Delivery

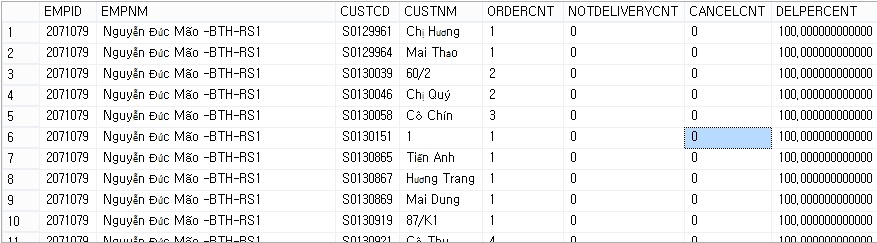
* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **MNGEMPID** | Giam Sak ID. Get A0001 login result. |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v1~v8 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Customer Code. If ‘T’ is sum data |
| V2 | CUSTNM | Customer Name |
| V3 | ORDERCNT | Order Count |
| V4 | DELIVERYCNT | Delivery count |
| V5 | ALREADY | Already count |
| V6 | TOBE | Not delivery count |
| V7 | CANCELCNT | Order cancel count |
| V8 | PERCENT | Delivery percent |
| V9 | ISGROUP | IS GROUP DATA |
|  |  |  |

* Per Shop SalesShop% is calculate by program.



Test Data

Login id = 2071080

{ “DATE“ : “20160708”, “MNGEMPID “2090469” }

## A0103 - Summary Display

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **TEAM** | Team code . it A0001 received value ‘TEAM’ |
| **MNGEMPID** | Giam Sak ID. Get A0001 login result. |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | TOOLCD | TOOL code |
| V2 | TOOLNAME | Tool name |
| V3 | TOOLQTY | Tool Qty |
| V4 | SHOPQTY | Shop Quty. If show quty not 0. Manually add display row. Name append ‘SHOP’ |
| V5 | TARGETTOOLQTY | Target tool Qty |
| V6 | TARGETSHOPQTY | Target shop Qty |
| V7 | PERTOOL | Percent tool |
| V8 | PERSHOP | Percent Shop |
|  |  |  |

Test Data

{ “DATE“ : “20160708”, “MNGEMPID “2090469”, “TEAM” : “01” }

## A0110 – Route

Get Salesman Select Day Route Course Visit Shop information.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **WKDAY** | Search Route schedule woking day. Mon=1, ….. |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | SEQ | Route Sequence Number |
| V2 | CUSTCD | Customer Code |
| V3 | CUSDSC | Customer Name(Shop Name) |
| V4 | DIRECTSALES | Direct Sales Shop ? 1 is Yes, 0 is No. |
| V5 | MTD\_QTY | MTD Qty |
| V6 | MAG\_QTY | MAG Qty |
|  |  |  |
|  |  |  |
|  |  |  |

Test Data

{ “DATE“ : “20160708”, “WKDAY”:“2” }

## A0111 – Get Route Schedule Shop’s Previous Visit Display Info

Salesman Get Route Schedule Shop Previous Visit Information, It must Save Local DB.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Date YYYYMMDD |
| **WKDAY** | Search Rout Working Day. If GS just pass 0. |
| **EMPID** | Salesman ID, GS Only using this Parameter.  This Field Only GS. |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data, Other error see that 1.1 RESULT error list. |
| V1 | TOOLCD | Tool Code |
| V2 | CODEDESC | Tool Name |
| V3 | CODEVALUE | FACE or HANGER or STANDEE |
| V4 | TOOLQTY | Qty. |
| V5 | CUSTCD | Shop Code |

## A0112 – Get Route All Shop’s Information.

Salesman first download shop information for today route schedule. Must local DB Save

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **MODE** | 0=request Salesman managed shop information  1=only one shop information. |
| **CUSTCD** | Customer Code, If mode is 1 this value setting. |
| **DATE** | Search date. YYYYMMDD |
| **EMPID** | Salesman ID, this parameter only GS , not Send SM. |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 | DIRECTSALES | The Shop is Direct Sales Shop if 0=No, 1=Yes |
| V3 | CUSDSC | Shop Name |
| V4 | ADDR1 | Address 1 Code |
| V5 | ADDR2 | Address 2 Code |
| V6 | ADDR3 | Street Code |
| V7 | ADDRSTRNO | House No |
| V8 | GRADEAREA | PIE Grade. A.B.C,…. |
| V9 | GRADEAREA\_SNACK | Snack Grade |
| V10 | GRADEAREA\_GUM | Gum Grade |
| V11 | BIRYMD | Open Day |
| V12 | BUSENDDT | Close Day |
| V13 | REASON | Close Open Reason. Code Value |
| V14 | LON | WGS84 Lon |
| V15 | LAT | WGS84 Lat |
| V16 | IMG1URL | Shop image 1 |
| V17 | IMG2URL | Shop image 2 |
| V18 | DEALERCD | DealerID Code |
| V19 | DEALERNM | Dealder Name |
| V20 | LM\_ORDER\_QTY | Shop Last Month Order Qty |
| V21 | LM\_DELIVERY\_QTY | Shop Last Month Delivery Qty |
| V22 | MTD\_ORDER\_QTY | Shop MTD Order Qty |
| V23 | MTD\_DELIVERY\_QTY | Shop MTD Delivery Qty |
| V24 | PREV\_ORDER\_QTY | Shop Prev Visit Order Qty |
| V25 | PREV\_DELIVERY\_QTY | Shop Prev Visit Delivery Qty |
| V26 | OWNER | Shop Owner Name |
| V27 | TELNO | Tell Number |
| V28 | HPNO | HandPhone Number |
| V29 | ADMINCODE | New Address Code,  Addr1(2) + Addr2(3) + Addr3(5) in ADDRESS\_M table. |
| V30 | CHANNEL | Shop Channel Code. |
| V31 | AREAGRADE | Shop Area Grade , 1~ |

Test Data

{ “DATE“ : “20160708”, “MODE”:“0”, “CUSTCD”:””}

## A0113 – Get Route Shop’s Stock Information.

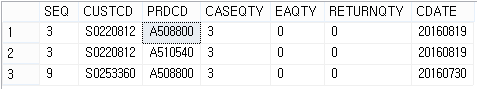
Salesman first download Last visit shop stock information for today route schedule. Must local DB Save.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |
|  |  |
|  |  |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 | PRDCD | Product Code |
| V3 | CASEQTY | Last Visit Input Case Qty |
| V4 | EAQTY | Last Visit Input EA Qty |
| V5 | RETURNQTY | Last Visit Input Retusn Qty |
|  |  |  |



## A0114 – Get SM WorkDay Route List

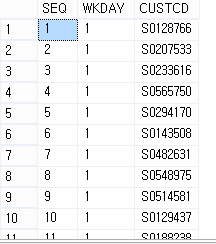
Salesman first download workday route shop information. Must local DB Save.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |
|  |  |
|  |  |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | SEQ | Route Sequence Number |
| V2 | WKDAY | Working Day, 1=Sunday, 7=Sunday, ….. |
| V3 | CUSTCD | Shop Code |
|  |  |  |



## A0115 – Route Input Visit Shop History

When Salesman Visit Shop have to Save Visit Shop In / Out Time.

This input data must send to server. If fail to send to server by some problem.. later resend.

* When Save Visit In Time  
  1. Salesman near by shop position 30 meter inner.  
  2. When Order button click.
* When Save Visit Out Time  
  1. Salemsman leave by shop position 30 meter out.  
  2. When Order confirm button click.
* When the Shop Close  
  Send IsOpen Parameter is ‘N’
* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **MODE** | 1: Visit In, 2:Visit Out, 3: All |
| **DATE** | Visit Date YYYYMMDD |
| **EMPID** | Employee ID |
| **WKDAY** | Current Rout No |
| **CUSTCD** | Shop Code |
| **SEQ** | Visit Shop Seq No |
| **INTIME** | Shop Visit In Time HHMMSS |
| **OUTTIME** | Shop Visit Leave Time HHMMSS |
| **ISOPEN** | Today The Shop Is Open if N=Open, Y=Close. |
| **ISINSHOP** | When Visit the Salesman in Shop or not ‘Y’ or ‘N’ |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = Error (maybe check your data)  Other error see that 1.1 RESULT error list. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## A0116 – Shop Location Input

When Shop Visit. GPS Button Click And find shop Position and Fill Address 1,2,3 and Save Click.

Call This API . Save Shop Position and AdminCode

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CUSTCD** | Shop Code |
| **LON** | Shop Position Lon |
| **LAT** | Shop Position Lat |
| **ADMINCODE** | Shop Address AdminCode. This Code Addr1 + Addr2 + Addr3 |
|  |  |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = Error (maybe check your data)  Other error see that 1.1 RESULT error list. |

## A0117 – New Shop, Stop Shop Trade, Update Shop Input

When SM Input New Shop Information. Call This API.

Before Call This API. First Upload Image to Server, after You Get ImageURL Path for Shop Image.

If Fail to Upload to Server. Show Alert Msg. ‘Shop Image Send Fail. You Processed Add Shop?’

Yes or No. if Yes call this api.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **MODE** | 1=New Shop, 2=Stop Shop Trade, 3=Update Shop |
| **CDATETIME** | Input Date Time. This Value using Unique Key Value. **YYYYMMDDhhmmss**  **14 Length.** |
| **ROUTNO** | Input Day Employee Rout No. |
| **ROUTSEQ** | Employee Shop Rout Seq No. |
| **TEAMCD** | Login User Team Code |
| **CUSTCD** | Shop code. If new shop this value empty. |
| **CUSTNM** | Shop Name |
| **ADDR1** | Addr1 Code |
| **ADDR2** | Addr2 Code |
| **ADDR3** | Street Code |
| **ADDRSTR** | Street Name |
| **ADMINCODE** | AdminCode, 10 Length, Addr1 + Addr2 + Addr3(not parameter addr3) |
| **HOUSENO** | House No |
| **GRADE** | Shop Grade A~D. |
| **OWNERNM** | Shop Owner Name |
| **HPNO** | Show Hand phone Number |
| **CREATEDATE** | Shop Add Date. YYYYMMDD |
| **DEALERID** | Shop Dealer ID. |
| **DEALERNM** | Shop Dealer Name |
| **CHANNEL** | Shop Channel Code, this Code is PDACOM CODE\_H of CUSCHN1 |
| **LON** | Shop Location Lon |
| **LAT** | Shop Location Lat |
| **IMG1URL** | Shop Image 1 URL |
| **IMG2URL** | Shop Image 2 URL |
| **ENDDATE** | If Stop Trade Shop this value not empty. YYYYMMDD |
| **REASON** | If Stop Trade Shop this value not empty. PDACOM CODE\_H REASON. |
|  |  |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = Error (maybe check your data)  2 = Already input data  Other error see that 1.1 RESULT error list. |
| CUSTCD |  | Shop Code. Only new shop. |

Test Data

{

“MODE” : “1”,

"ADDR1" : "0001",

"ADDR2" : "0002",

"ADDR3" : "10177",

"ADDRSTR" : "STREE NAME",

"ADMINCODE" : "1212312345",

"CDATETIME" : "20160826111023",

"CHANNEL" : "01",

"CREATEDATE" : "20160820",

"CUSTNM" : "TEST1",

"DEALERID" : "00000046",

"DEALERNM" : "DEALERNM",

"GRADE" : "B",

"HOUSENO" : "HOUSENO",

"HPNO" : "01042579483",

"IMG1URL" : "HTTP:MYURL.COM/1.JPG",

"IMG2URL" : "HTTP:MYURL.COM/2.JPG",

"LAT" : "13000000",

"LON" : "14222525",

"OWNERNM" : "MANWOO",

"TEAMCD" : "01"

}

## A0118 – Stock Input

When Salesman input stock. Call this api.

If All Stock Input OK. You received OK Result. Else retry next time

If stock input is empty, Do not call this Api.

* Send Parameter  
  the Blue Section Json Arrary data. Array Name is “LIST”

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATE** | Input Date YYYYMMDD |
| **CUSTCD** | Shop Code |
| **PRDCD** | Product Code |
| **CASEQTY** | Input Case Qty. |
| **EAQTY** | Input EA Qty |
| **RETURNQTY** | Input Return Qty |
| **STOCKCATEGORY** | Input Stock Team Code, 01:PIE, 02 : Snack, 03 : Gum |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = Error (maybe check your data)  Other error see that 1.1 RESULT error list.  If you not received successes code. Must resend this data. |

Test Data

{

"LIST" : [

{

"CASEQTY" : "10",

"CDATE" : "20160718",

"CUSTCD" : "S0253360",

"EAQTY" : "0",

"PRDCD" : "A508800",

"RETURNQTY" : "0"

},

{

"CASEQTY" : "20",

"CDATE" : "20160717",

"CUSTCD" : "S0253360",

"EAQTY" : "0",

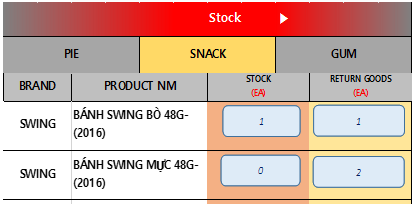
"PRDCD" : "A508800",

"RETURNQTY" : "0"

}

]

}



## A0119 – Display Input

When Salesman input display. Call this api.

If All Display Input OK. You received OK Result. Else retry next time.

If display input is empty, Do not call this Api.

* Send Parameter  
  the Blue Section Json Arrary data. Array Name is “LIST”

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATE** | Input Day YYYYMMDD |
| **CUSTCD** | Shop code |
| **TOOLCD** | Input Tool Code |
| **TOOLQTY** | Input Tool Qty |
| **MNGEMPID** | Managed Emp ID . after login you get this id. |
|  |  |
|  |  |

* Response Parameter  
  BLUE Section is Shop information. Json Array Name is ‘LIST’

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = Error (maybe check your data)  Other error see that 1.1 RESULT error list.  If you not received successes code. Must resend this data. |

Test Data

{

"LIST" : [

{

"CDATE" : "20160718",

"CUSTCD" : "S0129961",

"MNGEMPID" : "2090469",

"TOOLCD" : "F0001",

"TOOLQTY" : "10"

},

{

"CDATE" : "20160719",

"CUSTCD" : "S0129961",

"MNGEMPID" : "2090469",

"TOOLCD" : "H0001",

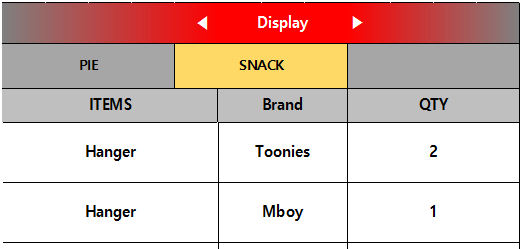
"TOOLQTY" : "10"

}

]

}

]



## A0120 – Get Order Non Shop List

You call every login time, save local DB.

* Send Parameter  
  the Blue Section Json Arrary data. Array Name is “LIST”

|  |  |
| --- | --- |
| **Name** | **Description** |
| **YEARMM** | Using Non shop Month, 201609 |
| **TEAMCD** | Team Code 01=PI, 02=Snack,03=gum, 04=mix |
|  |  |
|  |  |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 | TEAM | Team Code, 01=pie, 02=snack, 03=gum, 04=mix |
| V3 | NONSHOP\_M3 | If ‘Y’ this shop 3 month non shop |
| V4 | NONSHOP\_M2 | If ‘Y’ this shop 2 month non shop |
| V5 | NONSHOP\_M1 | If ‘Y’ this shop 1 month non shop |
|  |  |  |

## A0121 – Get Promotion List

When Salesman ordered,… Search Promotion Gift Product.

This api search today promodion product information. You calculate Promotion Product.

* Send Parameter  
  the Blue Section Json Arrary data. Array Name is “LIST”

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Date.. YYYYMMDD |
| **HIDEPTCD** | Login User HiDeptCd, you can get this value login after. |
|  |  |
|  |  |

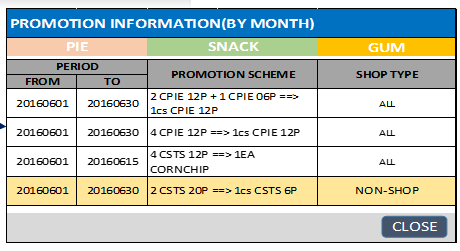
* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | PMID | Promotion ID, 12 Length, |
| V2 | STARTDT | Promotion Start Date |
| V3 | ENDDT | Promotion End Date |
| V4 | PM\_LEVEL | Promotion Level.  1 : Non Shop  2 : New Shop  3 : Shop Channel  4 : Shop Grade  5 : normal without condition.  CODE\_H CODEGROUP=PMTLEVEL. |
| V5 | NONSHOP\_1M | 1M Non Shop ‘Y’ or ‘N’ |
| V6 | NONSHOP\_2M | 2M Non Shop ‘Y’ or ‘N’ |
| V7 | NONSHOP\_3M | 3M Non Shop ‘Y’ or ‘N’ |
| V8 | NEWSHOP | New Shop ‘Y’ or ‘N’ |
| V9 | CHANNEL | Shop Channel Information |
| V10 | SHOPGRADE\_A | Shop Grade A ‘Y’ or ‘N’ |
| V11 | SHOPGRADE\_B | Shop Grade B ‘Y’ or ‘N’ |
| V12 | SHOPGRADE\_C | Shop Grade C ‘Y’ or ‘N’ |
| V13 | SHOPGRADE\_D | Shop Grade D ‘Y’ or ‘N’ |
| V14 | AREAGRADE\_1 | Area Grade 1 ‘Y’ or ‘N’ |
| V15 | AREAGRADE\_2 | Area Grade 2 ‘Y’ or ‘N’ |
| V16 | AREAGRADE\_3 | Area Grade 3 ‘Y’ or ‘N’ |
| V17 | GIFTAMTPERCENT | Gift Product AMT \*100 / Buying Product AMT Percent. Benefit. |
| **This Json Array Name is PMLIST** | | |
| V1 | PM\_TYPE | Promotion Type, ‘BUY’ or ‘GIFT’ |
| V2 | SEQ | PM\_TYPE, Sequence Number |
| V3 | PRDCLS1 | Brand Code |
| V4 | PRDCLS1NM | Brand Name |
| V5 | TPRDCD | SKU Code, if ‘T000000’ is All SKU. Just match Brand Code. |
| V6 | TPRDDSC | SKU Name |
| V7 | UNIT | BUY or GIFT Unit. 1=Box, 2=CASE, 3=EA |
| V8 | QTY | Qty |
| V9 | CONDITION | BUY or GIFT Product Condition. 0 is and condition, 1 is or condition. You can display string  CONDITION 0 DISPLAY +, CONDITION 1 DISPLAY or |
| V10 | TEAM | TEAM String, PIE or SNACK or GUM |
| V11 | PRDCD | Product Code, this Value valid only GIFT, |
| V12 | PRD NAME | Product Name, this Value valid only GIFT. |
| **This Json Array Name is PMPRODUCTLIST** | | |

Test Data

{ "DATE" : "20160902","HIDEPTCD" : "A301000000" }

Below image just display all received promotion information.



Promotion Scheme => using **PMPRODUCTLIST**

(BUY)QTY + UNIT + PRDCLS1NM + TPRDDSC => (GIFT) QTY + UNIT + PRDCLS1NM + PRDNM

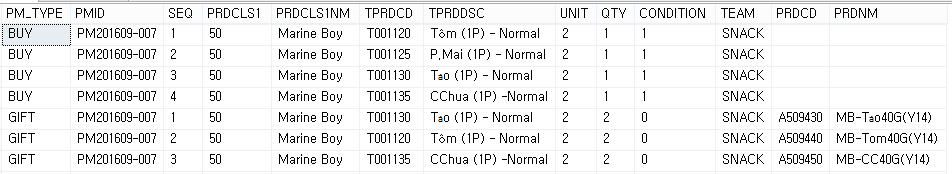
If 1 more buying or 1more gift.

(BUY)QTY + UNIT + PRDCLS1NM + TPRDDSC +(and), or => (GIFT) QTY + UNIT + PRDCLS1NM + PRDNM +(and), or

EXAMPLE)

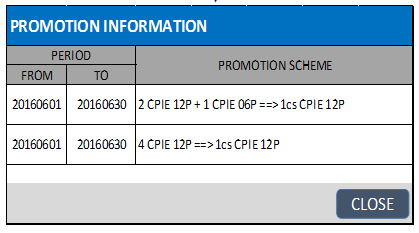
You display string is below.

10 C-PIE-02P OR 3 CSTS 12P(Choco) => 2 CASE C-PIE-02P OR 2 CASE CSTS 06P(Choco)



SHOP TYPE => using **PMLIST** PM\_LEVEL(display CODE\_H / PMTLEVEL String)

Below image just match TPRDCOD in **PMPRODUCTLIST** .



### Promotion Calculation And How to display promotion icon.

Promotion Have a Level. Top of Promotion level is 1. Bottom level is 5( ALL )

Below sequence you check every shop check promotion condition. And display promotion icon.

1. Check Promotion Period.
2. Check Promotion Condition.  
   if Promotion Level 5 is ignore. Other case check Promotion condition.  
   for example, if promotion level 1 and 2Month nonshop, check the shop have 2month nonshop if ok, this shop apply this promotion else not applied.
3. From 1,2 you can get the shop promotion (what kind of promotion applied)
4. In Order view, Check the Promotion Buy Item, SKU Code. If match you display promotion icon.

Below sequence is calculate promotion

1. Check What kind of promotion applied, every Buy Item (SKU).
2. 1 Buy Item Check Promotion List and sort promotion level( order by level 1 is top)  
   if same level promotion , higher priory is high GIFTAMTPERCENT  
   brief. Sort Promotion List. 1. Level 2.GIFTAMTPERCENT
3. Check the UNIT, input UNIT(box,case,ea) must same Promotion UNIT(box,case,ea)  
   if need translate input UNIT.
4. Now you divide promotion list one by one until can’t calculate.
5. From 4, you can get promotion applied item count. Just display Order confirm view.

## A0122 - Get Non Shop SKU Promotion List

This api same A0120. You using this api. For order and check how sku product non-shop.

Also this data save local DB.

If Promotion Level is ‘1’ using this data. If The shop have non shop. Display PMT icon.

* Send Parameter

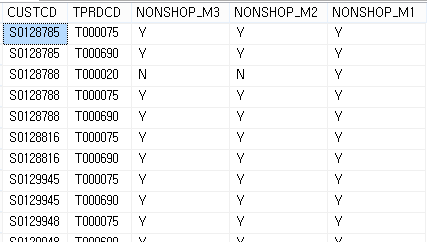
|  |  |
| --- | --- |
| **Name** | **Description** |
| **YEARMM** | Using Non shop Month, 201609 |
| **TEAMCD** | Team Code 01=PI, 02=Snack,03=gum, 04=mix |
|  |  |
|  |  |

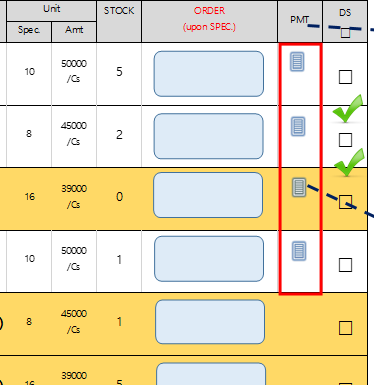
* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
|  |  |  |
| V2 | TPRDCD | SKU Code |
| V3 | NONSHOP\_M3 | If ‘Y’ this shop 3 month non shop |
| V4 | NONSHOP\_M2 | If ‘Y’ this shop 2 month non shop |
| V5 | NONSHOP\_M1 | If ‘Y’ this shop 1 month non shop |
|  |  |  |

Test Data

{ "YEARMM" : "201609"}





## A0123 - Get New Shop Promotion List

You have to call this api every day

Also this data save local DB. Valid only one day.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Day(Today) YYYYMMDD |
|  |  |
|  |  |
|  |  |

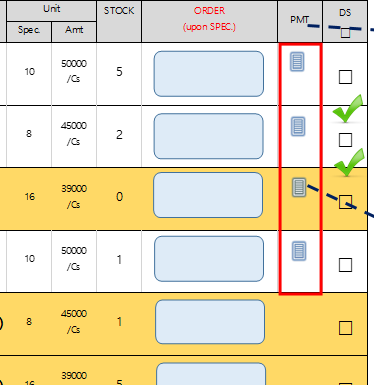
* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 |  |  |
| V3 |  |  |
| V4 |  |  |
| V5 |  |  |
|  |  |  |

This Data Only Promotion. Using this data for Promotion Level is New Shop.

Test Data

{ "DATE" : "20160907"}



## A0124 – Input Order

When Salesman Ordered, one by one per PRDCD.

This Api Call after sign image upload finish.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **MODE** | 1 or 2 , 1=Root Sales, 2=Direct Sales |
| **CDATE** | Input Order Day YYYYMMDD |
| **DEALERCD** | Shop Dealer Code |
| **CUSTCD** | Shop Code |
| **PRDCD** | Order Product Code not SKU Code. |
| **BOXQTY** | Order Input Box Qty, no input fill ‘0’ |
| **CASEQTY** | Order Input Case Qty, no input fill ‘0’ |
| **EAQTY** | Order Input EA Qty , no input fill ‘0’ |
| **PROBOXQTY** | Promotion Box Qty, no input fill ‘0’ |
| **PROCASEQTY** | Promotion Case Qty, no input fill ‘0’ |
| **PROEAQTY** | Promotion EA Qty, no input fill ‘0’ |
| **SIGNURL** | Sing image URL. First upload sing image and get image url. |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Test Data

{

"BOXQTY" : "0",

"CASEQTY" : "4",

"CDATE" : "20160907",

"CUSTCD" : "S0345070",

"DEALERCD" : "00078040",

"EAQTY" : "0",

"MODE" : "1",

"PMID" : "",

"PMTPRDCD" : "",

"PRDCD" : "A515220",

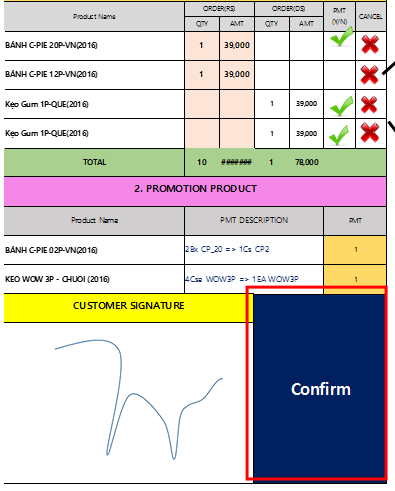
"PROBOXQTY" : "0",

"PROCASEQTY" : "0",

"PROEAQTY" : "0",

"SIGNURL" : "http://www.naver.com/sign.jpg"

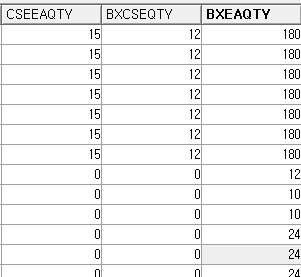
}



### How To Calculate Qty(Box)

For display Route Page Order Qty. we calculate input order qty(case, ea, box) => qty(box).

It is simple , input qty(ea, case, box) => convert box .

1. Find Product Information. From PDACOM2, in PRODUCT\_B table have we need data.  
   
2. Sample Code

|  |
| --- |
| #define SAMPLE\_BXEAQTY 80  #define SAMPLE\_BXCSEQTY 4  float GetBoxQty(int a\_nOrderBox, int a\_nOrderCase, int a\_nOrderEA)  {  float Qty = a\_nOrderBox;  Qty += (SAMPLE\_BXEAQTY == 0 ? 0 : a\_nOrderCase \* 1.0 / SAMPLE\_BXCSEQTY);  Qty += (SAMPLE\_BXEAQTY == 0 ? 0 : a\_nOrderEA \* 1.0 / SAMPLE\_BXEAQTY);  return Qty;  } |

## A0125 – Promotion History Input

When Salesman Ordered, if applied promotion item. save promotion applied information.

This Api Call after order api(A0124).

Call this api one by one, applied promotion information.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **SEQ** | Sequence number, start 0. Becareful 0 is remove previous history. |
| **PMID** | Promotion ID. |
| **CDATE** | Input Order Day YYYYMMDD same A0124 Date. |
| **DEALERCD** | Shop Dealer Code |
| **CUSTCD** | Shop Code |
| **BUY\_PRDCD** | Buy Product Code |
| **BOXQTY** | Applied Promotion Buy Item Box Qty, no applied fill ‘0’ |
| **CASEQTY** | Applied Promotion Buy Item Case Qty, no applied fill ‘0’ |
| **EAQTY** | Applied Promotion Buy Item EA Qty , no applied fill ‘0’ |
| **PRO\_PRDCD** | Promotion Gift Product Code. |
| **PROBOXQTY** | Promotion Box Qty, no applied fill ‘0’ |
| **PROCASEQTY** | Promotion Case Qty, no applied fill ‘0’ |
| **PROEAQTY** | Promotion EA Qty, no applied fill ‘0’ |
|  |  |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
|  |  |  |
|  |  |  |

### How to Save Promotion History

If you have buy product and applied promotion , in this case you have to save promotion history.

**Case 1 : OR Condition Promotion.**

PM01 – c-pie 12p(A515200) 1box or c-pie 6p(A515210) 2box => gift c-pie 12p(A515200) 1case

PM02 – c-pie 6p(A515210) 1box => gift c-pie 12p(A515200) 1case

Promotion Level PM01 > PM02

**Buy**

c-pie 12p(A515200) 2box

c-pie 6p(A515210) 1box

**Promotion Calculate.**

PM01 – c-pie 12p(A515200) 2box => gift c-pie 12p(A515200) 2case.

PM02 – c-pie 6p(A515210) 2box => gift c-pie 12p(A515200) 2case.

**Save**

PM01, shop A, c-pie 12p(A515200) 2box, promotion c-pie 12p(A515200) 2case .

PM02, shop A, c-pie 6p(A515210) 2box, promotion c-pie 12p(A515200) 2case.

**Case 2 : AND Condition(BUY) Promotion.**

PM01 – c-pie 12p(A515200) 1box AND ostar (A510510) 1box => gift c-pie 12p(A515200) 1case

PM02 – c-pie 12p(A515200) 1box => gift c-pie 12p(A515200) 1case

Promotion Level PM01 > PM02

**Buy**

c-pie 12p(A515200) 2box

ostar (A510510) 1box

**Promotion Calculate.**

PM01 – c-pie 12p(A515200) 1box and ostar (A510510) 1box => gift c-pie 12p(A515200) 1case.

PM02 – c-pie 12p(A515200) 1box => gift c-pie 12p(A515200) 1case.

**Save**

PM01, shop A, c-pie 12p(A515200) 1box, promotion c-pie 12p(A515200) 1case .

PM01, shop A, ostar (A510510) 1box,

PM02, shop A, 12p(A515200) 1box, promotion c-pie 12p(A515200) 1case.

**Case 3 : AND Condition(GIFT) Promotion.**

PM01 – c-pie 12p(A515200) 1box => gift c-pie 12p(A515200) 1case AND c-pie 6p(A515200) 1case

**Buy**

c-pie 12p(A515200) 2box

**Promotion Calculate.**

PM01 – c-pie 12p(A515200) 2box => gift c-pie 12p(A515200) 2case. AND c-pie 6p(A515200) 2case

**Save**

PM01, shop A, c-pie 12p(A515200) 2box, promotion c-pie 12p(A515200) 2case .

PM01, shop A, no buy item, promotion c-pie 6p(A515200) 2case .

**Case 4 : AND Condition(BUY/GIFT) Promotion.**

PM01 – c-pie 12p(A515200) 1box AND ostar (A510510) 1box => gift c-pie 12p(A515200) 1case AND c-pie 6p(A515200) 1case

**Buy**

c-pie 12p(A515200) 2box and ostar (A510510) 1box

**Promotion Calculate.**

PM01 – c-pie 12p(A515200) 1box and ostar (A510510) 1box => gift c-pie 12p(A515200) 1case. AND c-pie 6p(A515200) 1case

**Save**

PM01, shop A, c-pie 12p(A515200) 2box, promotion c-pie 12p(A515200) 1case .

PM01, shop A, ostar (A510510) 1box, promotion c-pie 6p(A515200) 1case .

## A0126 – Reset Promotion History

When Salesman Ordered, if applied promotion item. save promotion applied information.

This Api Call first after then call A0124 api.

Call this api reset previous promotion history. In shop.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATE** | Input Promotion History Date YYYYMMDD |
| **CUSTCD** | Shop Code |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 or 1= OK. Other error see that 1.1 RESULT error list. |
|  |  |  |
|  |  |  |

## A0130 – RESULT Sales Shop

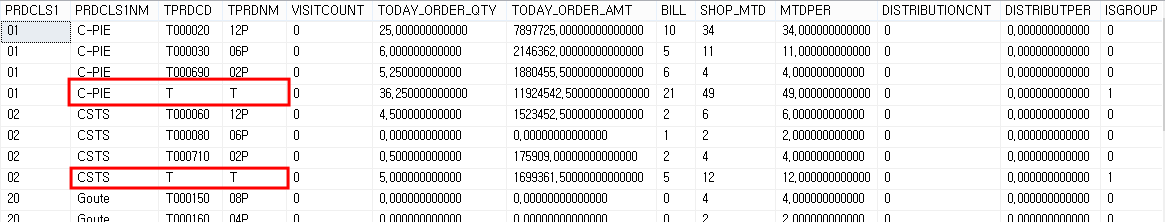
* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Day(Today) YYYYMMDD |
|  |  |
|  |  |
|  |  |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
| **TTLSHOP** |  | SM Total Shop Count |
| V1 | PRDCLS1 | Brand Code, if ‘T’ Sum Data of Total. |
| V2 | PRDCLS1NM | Brand Name |
| V3 | VISITCOUNT | Visit Count |
| V4 | BILL | Bill Count |
| V5 | SHOP\_MTD | MTD Shop Count |
| V6 | MTDPER | MTD Shop Percent |
| V7 | DISTRIBUTIONCNT | Distribution Count |
| V8 | DISTRIBUTPER | Distribution Percent |
| V9 | ISGROUP | 1 or 0, if ‘1’ this Record Sum Record |
| V10 | BILLPER | Bill of TTLShop Percent. |
| **Json Array Name is BRANDLIST** | | |
| V1 | PRDCLS1 | Brand Code, if ‘T’ Sum Data of Total |
| V2 | PRDCLS1NM | Brand Name |
| V3 | TPRDCD | SKU Code, if ‘T’ Sum Data of Brand |
| V4 | TPRDNM | SKU Name |
| V5 | VISITCOUNT | Visit Count |
| V6 | BILL | Bill Count |
| V7 | SHOP\_MTD | MTD Shop Count |
| V8 | MTDPER | MTD Shop Percent |
| V9 | DISTRIBUTIONCNT | Distribution Count |
| V10 | DISTRIBUTPER | Distribution Percent |
| V11 | ISGROUP | 1 or 0, if ‘1’ this Record Sum Record |
| V12 | BILLPER | Bill of TTLShop Percent. |
| **Json Array Name is SKULIST** | | |

SKU List Data





Click Brand expand SKU

## A0131 – RESULT NON SHOP Get Shop + Route List

This Data can Display for RESULT NON SHOP. Shop Name and Route List.

This Data Also can’t change. You have to first login time, call this api **save local db**.

* Send Parameter

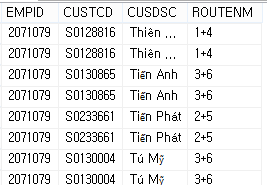
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Day YYYYMMDD |
|  |  |
|  |  |
|  |  |

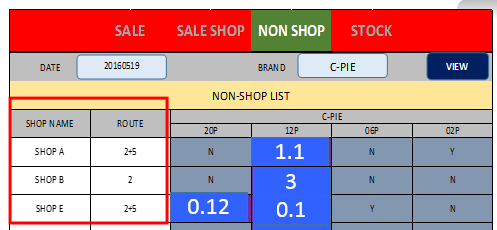
* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 | SHOPNAME | Shop Name |
| V3 | ROUTENM | Route Name |
|  |  |  |
|  |  |  |
|  |  |  |

Test Data

{ \"DATE\" : \"20160708\" }





## A0132 – RESULT NON SHOP Get SKU MTD Qty

This Data can Display for RESULT NON SHOP. Fill SKU Order Qty.

You just display find Shop and SKU Code fill V3 Value.

* Send Parameter

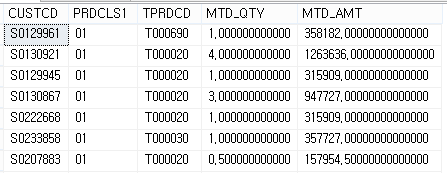
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Day YYYYMMDD |
| **PRDCLS1** | Search Brand Code |
|  |  |
|  |  |

* Response Parameter

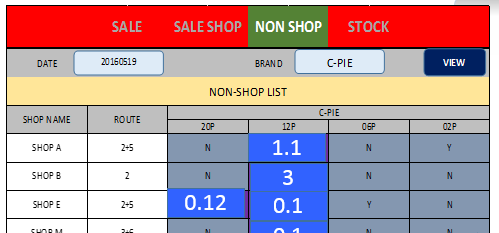
|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 | TPRDCD | SKU Code |
| V3 | MTD\_QTY | MTD Qty/ |
|  |  |  |
|  |  |  |
|  |  |  |

Test Data

{ \"DATE\" : \"20160708\" , \"PRDCLS1\" : \"01\" }



Just fill below blue background color value by V3 Value.



## A0127 – Get Shop Order History

Get Shop Order Histroy. This data is not change. First time call API. Save local DB.

Next time if exist using local db data.

* Condition  
  - this API do not have summary data. You calculate and display Day of AMT Sum.  
  - if Order Qty is zero, this Record is Promotion Type.if not is Sales Data.
* Send Parameter

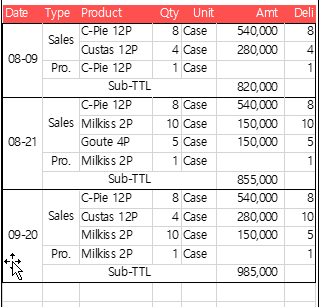
|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATE** | Search Date YYYYMMDD |
| **CUSTCD** | Shop Code |
|  |  |
|  |  |

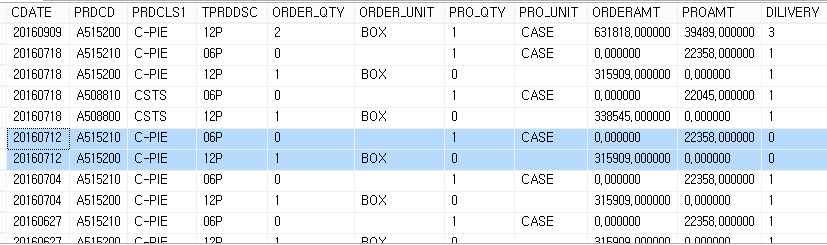
* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CDATE | Date YYYYMMDD |
| V2 | PRDCD | Product Code |
| V3 | PRDCLS1 | Brand Name |
| V4 | TPRDDSC | SKU Name |
| V5 | ORDER\_QTY | Order Qty |
| V6 | ORDER\_UNIT | Order Unit, BOX,CASE,EA |
| V7 | PRO\_QTY | Promotion Qty |
| V8 | PRO\_UNIT | Promotion Unit, BOX,CASE,EA |
| V9 | ORDERAMT | Order Amt |
| V10 | PROAMT | Promotion AMT |
| V11 | DILIVERY | Delivery Count |
| V12 | PDILIVERY | Promotion Delivery Count |

Test Data

{ \"DATE\" : \"20160708\" , \"CUSTCD\" : \"S0033083\" }





## A0128 – Get Salesman Order OMI Info

If SM login other device, for display omi / order information of SM PDA Route page.

This API Shop OMI Checking Y/N, Order Qty.

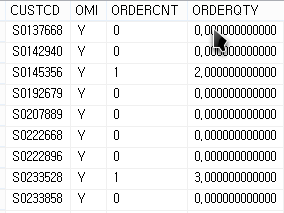
* Condition  
  - if PDA Login and then move route page, call this API, if change Date Call This API.  
  and Save This Data for display OMI / Order Qty.  
  this Action have to every login time.
* Send Parameter

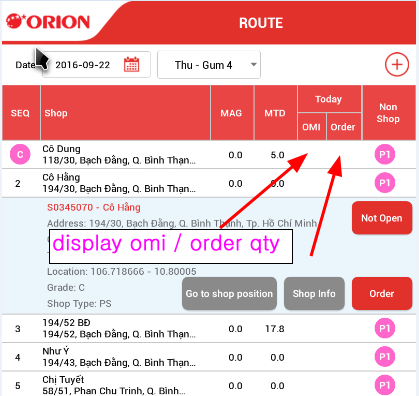
|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATE** | Search Date YYYYMMDD |
|  |  |
|  |  |
|  |  |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.1 = No Data.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Shop Code |
| V2 | OMI | OMI Checking Y / N |
| V3 | ORDERQTY | Shop Order Qty |
|  |  |  |

Test Data





# Supervisor View

## A0200 – Get Managed List

If GS Login you call this API, if AS/BM login you do not Call this API.

This API Only for GS.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v8 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Data.  Other error see that 1.1 RESULT error list. |
| DEPTCD |  | Dept Code |
| DEPTCN |  | Dept Name |
|  |  |  |

|  |
| --- |
| **Sample Data** |
| { "JOBCODE": "C0614" } |
| **Response** |
| {  "LIST" : [  {  "DEPTCD" : "A301010100",  "DEPTCN" : "HCM Office(BT) Pie"  }  ],  "RESULT" : "0"  } |

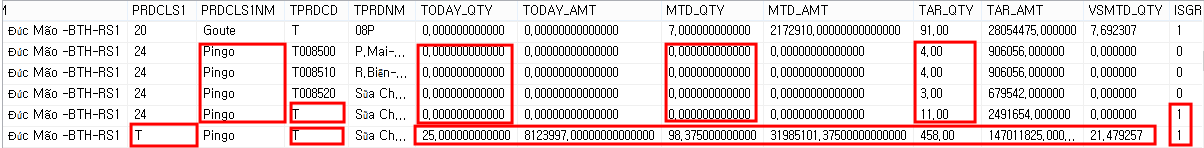
## A0201 – Summary Sales

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **DEPTCD** | GS Office Code. You can get from A0200 api. |
| **GSID** | Giam Sak ID |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  V5~V11 : The display is rounded to the first decimal place.  
  if V8 IsGroup value ‘1’ that means Total Sum Value.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | PRDCLS1 | Brand Code, if ‘T’ is total sum data. |
| V2 | PRDCLS1NM | Brand Name |
| V3 | TPRDCD | SKU Code if ‘T’ is total sum data. |
| V4 | TPRDNM | SKU Name |
| V5 | MTD\_QTY | MTD Qty |
| V6 | TAR\_QTY | TAR Qty |
| V7 | VSMTD\_QTY | %ACH |
| V8 | ISGROUP | If ‘1’ is Total Sum Data, 0 is not. |
| V9 | TODAY\_QTY | Target Qty |
| V10 | EMPID | Employee ID. If ‘T’ is total sum data. |
| V11 | EMPNM | Name |
| V12 | TODAY\_TAR | Today Target Qty. |
|  |  |  |
|  |  |  |



Test Data

{ “DATE” : “20160708” , “DEPTCD” : “A301010100”, “GSID” : “2090469” }

## A0202 – Summary SalesShop

SaleShop count is different, SM and Brand and SKU.

You can display 3 kind of json arrary data.

* Send Parameter

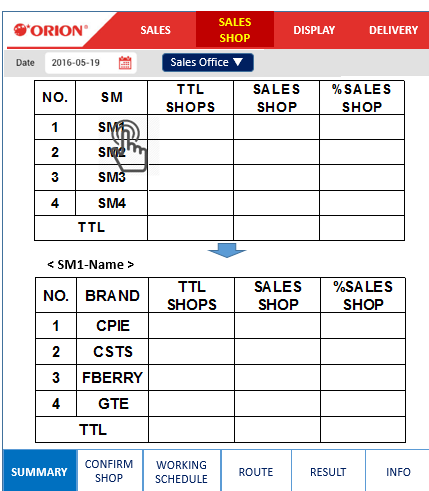
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **DEPTCD** | GS Office Code. You can get from A0200 api. |
| **GSID** | GS ID |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.
* Per Shop SalesShop% is calculate by program.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | PRDCLS1 | Brand Code, if ‘T’ is sum data |
| V2 | PRDCLS1NM | Brand Name |
| V3 | TPRDCD | SKU Code. If ‘T’ is sum data |
| V4 | TPRDNM | SKU Name |
| V5 | TTL SHOP | Total Shop Count |
| V6 | SALES SHOP | Sales Shop Count |
| V7 | SHOP % | Per SKU TTL Shop/Sale Shop %, |
| V8 | ISGOUP | Is group data 1=group, 0=no |
| V9 | EMPID | Employee ID. If ‘T’ is sum data |
| V10 | EMPNM | Name |

Test Data

{ “DATE” : “20160708” , “DEPTCD” : “A301010100”, "GSID" : "2090469" }



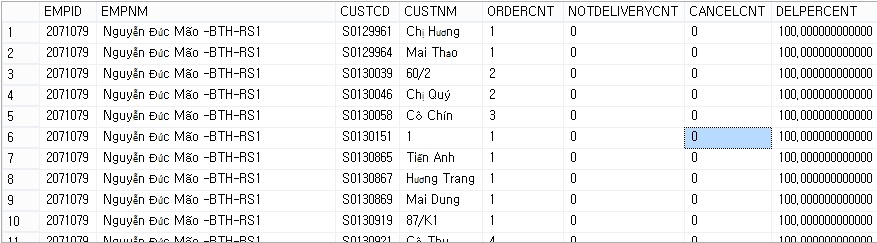
## A0204 – Summary Delivery

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **DEPTCD** | GS Office Code. You can get from A0200 api. |
| **GSID** | GS ID |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | CUSTCD | Customer Code. If ‘T’ is sum data |
| V2 | CUSTNM | Customer Name |
| V3 | ORDERCNT | Order Count |
| V4 | DELIVERYCNT | Delivery count |
| V5 | ALREADY | Already count |
| V6 | TOBE | Not delivery count |
| V7 | CANCELCNT | Order cancel count |
| V8 | PERCENT | Delivery percent |
| V9 | ISGROUP | IS GROUP DATA |
| V10 | EMPID | Employee ID. If ‘T’ total sum data. |
| V11 | EMPNM | Name |
|  |  |  |



Test Data

{ “DATE” : “20160708” , “DEPTCD” : “A301010100”}

## A0203 - Summary Display

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **TEAM** | Team code . it A0001 received value ‘TEAM’ |
| **DEPTCD** | GS Office Code. You can get from A0200 api. |
| **GSID** | GS ID |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Other error see that 1.1 RESULT error list. |
| V1 | TOOLCD | TOOL code |
| V2 | TOOLNAME | Tool name |
| V3 | TOOLQTY | Tool Qty |
| V4 | SHOPQTY | Shop Quty. If show quty not 0. Manually add display row. Name append ‘SHOP’ |
| V5 | TARGETTOOLQTY | Target tool Qty |
| V6 | TARGETSHOPQTY | Target shop Qty |
| V7 | PERTOOL | Percent tool |
| V8 | PERSHOP | Percent Shop |
| V9 | TTL | Salesman total shop |
| V10 | EMPID | Employee ID |
| V11 | EMPNM | Name |
|  |  |  |

Test Data

{ “DATE” : “20160708” , “DEPTCD” : “A301010100”, “TEAM” : “01” }

## A0210 – Get GS Working Schedule Info

This TR. GS below All Salesman’s Shop information also Working Schedule View Information.

This data is change.

* Send Parameter

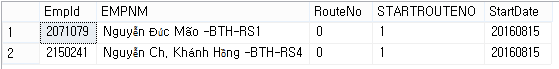
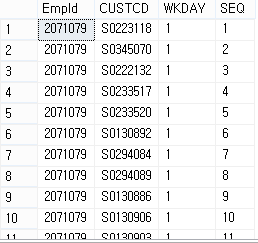
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **TEAM** | Team code . it A0001 received value ‘TEAM’ |
| **GSID** | Giam Sak ID |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

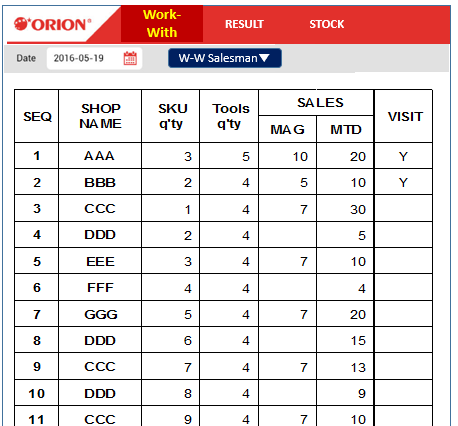
|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Result, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID |
| V2 | CUSTCD | Shop Code |
| V3 | CusDsc | Shop Name |
| V4 | ADDR1 | Shop Addr1 Code |
| V5 | ADDR2 | Shop Addr2 Code |
| V6 | ADDR3 | Shop Street Code |
| V7 | ADDRSTRNO | Shop House No |
| V8 | OWNER | Shop Owner Name |
| V9 | TELNO | Shop Tell Number |
| V10 | HPNO | Shop Handphone Number |
| V11 | SKUCOUNT | Previous Visit Shop SQU Qty |
| V12 | TOOLQTY | Previous Visit shp Tool Qty |
| V13 | MAG\_QTY | Shop MAG |
| V14 | MTD\_QTY | Shop MTD |
| V15 | ADMINCODE | Shop Address. New Address Code. 10 length.  Addr1(2) + Addr2(3) + Addr3(5) |
| JSON ARRAY NAME IS **SHOPLIST** | | |
| V1 | EmpId | Employee ID |
| V2 | CUSTCD | Shop Code |
| V3 | WKDAY | Route Schedule Working Day. |
| V4 | SEQ | Route Schedule Sequence Number |
| JSON ARRAY NAME SI **ROUTELIST** | | |
| V1 | EmpId | Employee ID |
| V2 | EMPNM | Employee Name |
| V3 | RouteNo | Employee RouteNo. |
| V4 | STARTROUTENO | Working Schedule StartDate RouteNo. |
| V5 | StartDate | Working Schedule Start Date YYYYMMDD |
| V6 | TEAM | Employee Team Kind, 01:PIE, 02:snack, 03:gum, 04:mix |
| JSON ARRAY NAME SI **SMINFOLIST** | | |

Test Data

{ "DATE" : "20160819","TEAM" : "01","GSID" : "2090469" }







## A0211 – Working Schedule My Plan Distribution of Shop

My Plan Distribution . Request this API. Receive Pie, Snack Team Data.

You can distinguish SKU is T000000 is Snack Team data.

* Send Parameter

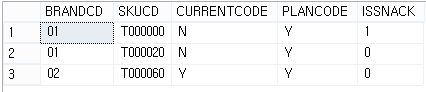
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **EMPID** | Work With Employee ID |
| **CUSTCD** | Work With Shop Code. |

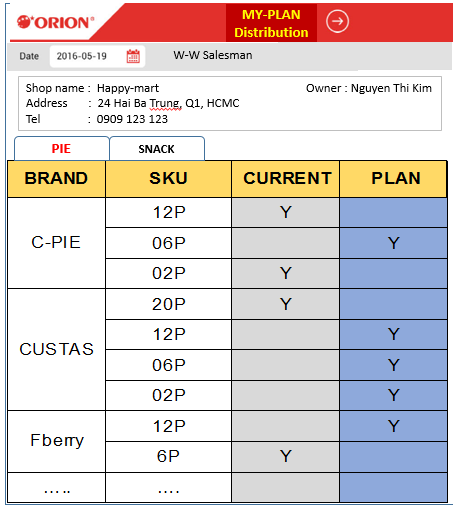
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | BRANDCD | Brand Code |
| V2 | SKUCD | SKU Code. If T000000 is Snack SKU Code. |
| V3 | CURRENTCODE | Checking SKU Count by SM PDA Input. |
| V4 | PLANCODE | PlanSKU or BrandCode Yes or No. if Y display Y , if N display Nothing. |
| V5 | ISSNACK | If ‘1’ is Snack Team Data else Pie Team Data. |

Test Data

{ "DATE" : "20160820","EMPID" : "2071079","CUSTCD" : "S0220812"}





## A0212 – Working Schedule My Plan Display

* Send Parameter

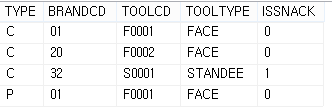
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Yyyymmdd |
| **EMPID** | Work With Employee ID |
| **CUSTCD** | Work With Shop Code. |

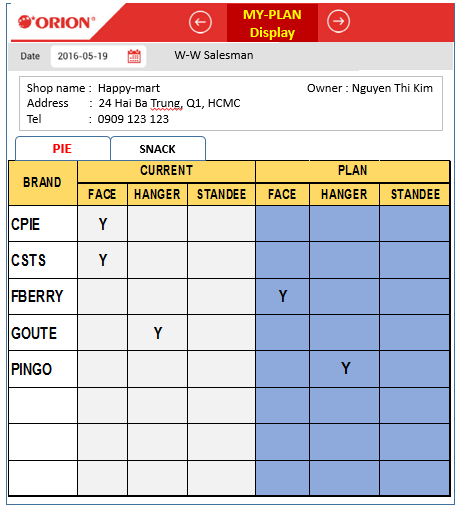
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | TYPE | If C is Current SKU , if P is Plan SKU Data |
| V2 | BRANDCD | Brand Code |
| V3 | TOOLCD | Tool Code |
| V4 | TOOLTYPE | Tool Name |
| V5 | ISSNACK | If ‘1’ is Snack Team Data else Pie Team Data. |
| V6 |  |  |

Test Data

{ "DATE" : "20160819","EMPID" : "2071079" ,"CUSTCD" : "S0129961" }





## A0229– Working Schedule Checking Display

* Send Parameter

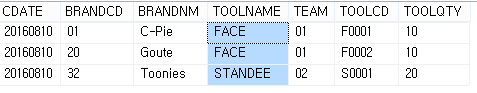
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Yyyymmdd |
| **EMPID** | Work With Employee ID |
| **CUSTCD** | Work With Shop Code. |

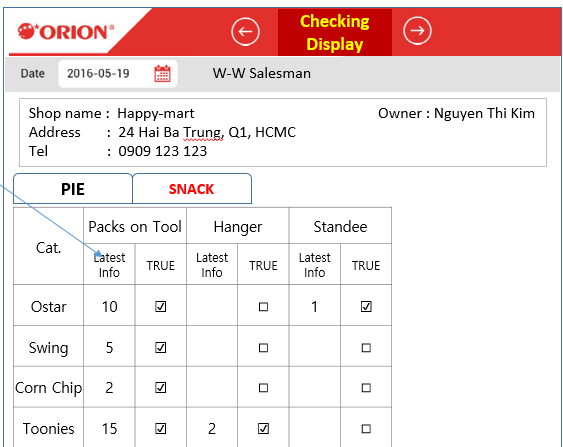
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | BRANDCD | Brand Code |
| V2 | BRANDNM | Brand Name |
| V3 | TOOLCD | Tool Code |
| V4 | TOOLNAME | Tool Name, FACE, HANGER,STANDEE, PACK ON TOOL |
| V5 | TEAM | 01=PIE, 02=SNACK |
| V6 | TOOLQTY | QTY |
|  |  |  |

Test Data

{ \"DATE\" : \"20160918\", \"EMPID\" : \"2071079\", \"CUSTCD\" : \"S0129961\" }





## A0231– Working Schedule Input Checking Display

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Yyyymmdd |
| **EMPID** | Work With Employee ID |
| **CUSTCD** | Work With Shop Code. |
| **MNGEMPID** | Managed Emp id |
| **TOOLCD** | Tool Code |
| **TOOLQTY** | Tool Quty |
| **CHECKYN** | ‘Y’ or ‘N’ |
| Blue Send JSon Array Data. Array Name is “LIST” | |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
|  |  |  |

Test Data

{

"CHECKYN" : "Y",

"CUSTCD" : "S0129961",

"DATE" : "20160919",

"EMPID" : "2071079",

"MNGEMPID" : "2090469",

"TOOLCD" : "F0004",

"TOOLQTY" : "7"

}

## A0213 – Working Schedule Input Competitor.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CUSTCD** | Shop Code |
| **TEAMCD** | Team Code, not employee team code,  01=PIE, 02=SNACK |
| **DATE** | INPUT Date YYYYMMDD |
| **CPTORCD** | Competitor Brand Code. It find out PDACOM.DB. CODE\_H, CPBRAND in CODEGROUP |
| **BRANDCNT** | Input Brand Count |
| **SKUCNT** | Input SKU Count |
| **FACECNT** | Input Face Count |
| **HANGERCNT** | Input Hanger Count |
| **STANDEECNT** | Input Standee Count |
| **PACKONTOOLCNT** | Input Pack on tool count |
| **Json Array Name is LIST** | |

* Response Parameter

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = ERROR.  2 = already exist data  Else is error, in error case. Next time resend the data. |

## A0216 – Working Schedule Get Salesman List

* Send Parameter

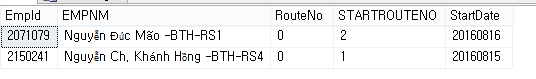
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **GSID** | Giam Sak ID |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EmpId | Employee ID |
| V2 | EMPNM | Employee Name |
| V3 | RouteNo | Employee RouteNo. |
| V4 | STARTROUTENO | Working Schedule StartDate RouteNo. |
| V5 | StartDate | Working Schedule Start Date YYYYMMDD |
|  |  |  |

Test Data

{ "DATE" : "20160819","GSID" : "2090469" }





## A0214 – Working Schedule Result Today Order Status

* Send Parameter

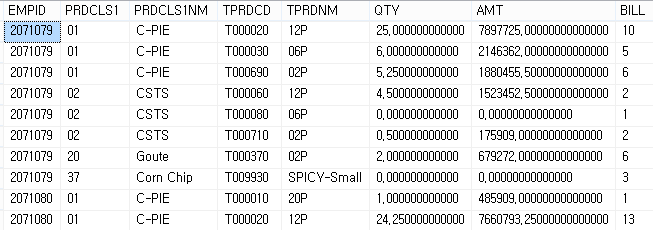
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **GSID** | Giam Sak ID |
| **DEPTCD** | Giam Sak Dept Code |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

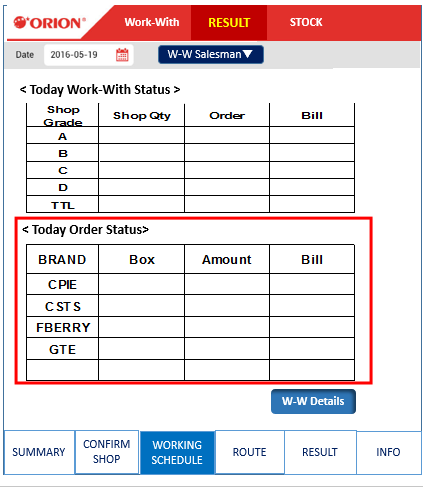
|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID, if ‘T’ is All Summary Data |
| V2 | PRDCLS1 | Brand Code if ‘T’ is Employee Summery data |
| V3 | PRDCLS1NM | Brand Name |
| V4 | TPRDCD | SKU Code, if ‘T’ is SKU Summery Data |
| V5 | TPRDNM | SKU Name |
| V6 | QTY | Today order Box Qty |
| V7 | AMT | Today order Amount(VND) |
| V8 | BILL | Today order count |
| V9 | ISGROUP | If 1 is this record grouping data |

Test Data

{ "DATE" : "20160708","DEPTCD" : "A301010100","GSID" : "2090469" }



PDA View



## A0215 – Working Schedule Result Today Shop Grade

* Send Parameter

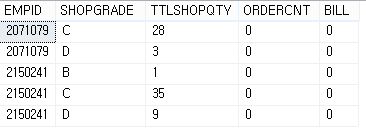
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **GSID** | Giam Sak ID |
| **DEPTCD** | Giam Sak Dept Code |
| **TEAMCD** | Giam Sak Team Code |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

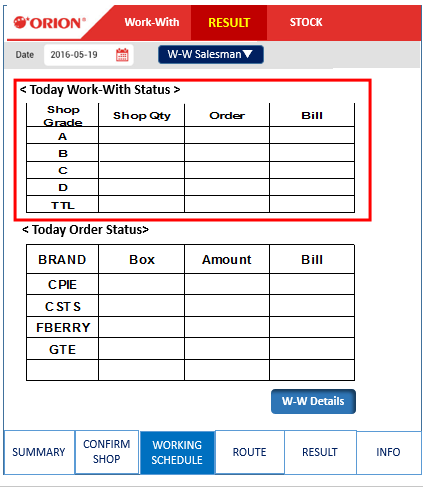
|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID |
| V2 | SHOPGRADE | Shop Grade A~D(may be can change possible ) |
| V3 | TTLSHOPQTY | WorkWith Period Shop TTL, per grade |
| V4 | ORDERCNT | Order Count Per Shop Grade |
| V5 | BILL | Bill Count per shop grade |
| V6 | ISGROUP | If 1 is this record grouping data |

Test Data

{ "DATE" : "20160708","DEPTCD" : "A301010100","GSID" : "2090469","TEAMCD" : "01" }



PDA View



## A0217 – Working Schedule Distribution Result(old)

Get WorkWith Salesman Distribution Result per Snack or Pie team.. it depend on GS Team.

* Send Parameter

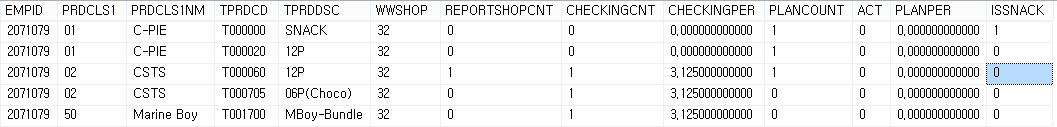
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **WWSTARTDATE** | Work With Start Date. You get A0216. |
| **EMPID** | Work With Employee ID |
|  |  |

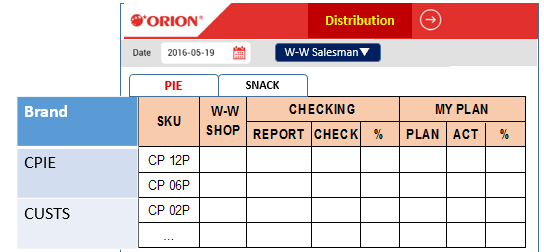
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | PRDCLS1 | Brand Code |
| V2 | PRDCLS1NM | Brand Name |
| V3 | TPRDCD | SKU Code |
| V4 | TPRDDSC | SKU Name is Snack Team ‘SNACK’ |
| V5 | WWSHOP | Work With Shop Count |
| V6 | REPORTSHOPCNT | Checking Report Count |
| V7 | CHECKINGCNT | Checking Count |
| V8 | CHECKINGPER | Checking Percent |
| V9 | PLANCOUNT | Plan Count |
| V10 | ACT | Act Count |
| V11 | PLANPER | Plan Percent |
| V12 | ISSNACK | If ‘1’ is Snack Team Data else PIE team Data. |
|  |  |  |

Test Data

{ "DATE" : "20160819","WWSTARTDATE" : "20160816","EMPID" : "2071079" }





## A0230 – Working Schedule Distribution Result(New)

Get WorkWith Salesman Distribution Result per Snack or Pie team.. it depend on GS Team.

* Send Parameter

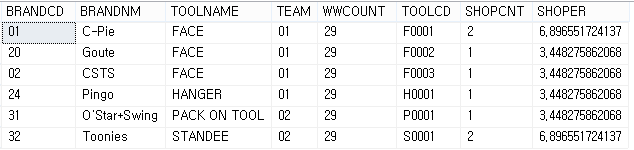
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **EMPID** | Work With Employee ID |
|  |  |

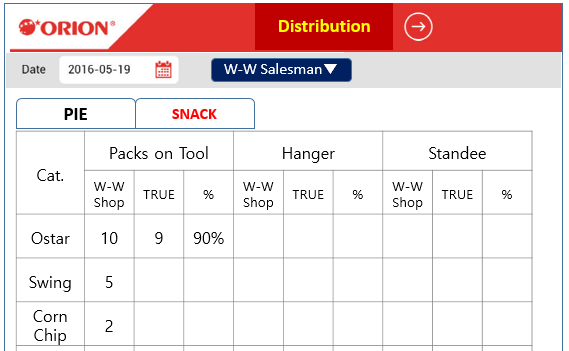
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | BRANDCD | Brand Code |
| V2 | BRANDNM | Brand Name |
| V3 | TOOLNAME | Tool Name, FALSE, HANGER, STANDEE, PACK ON TOOL |
| V4 | TEAM | 01=PIE, 02=SNACK |
| V5 | WWCOUNT | Work With Shop Count |
| V6 | SHOPCNT | Checking Shop Count |
| V7 | SHOPER | Percent |
|  |  |  |

Test Data

{ \"DATE\" : \"20160919\", \"EMPID\" : \"2071079\" }





## A0218 –Working Schedule Result ALL(A2014,2015,2016)

This TR. A0214, A0215, A0216 API Put it all together.

* Send Parameter

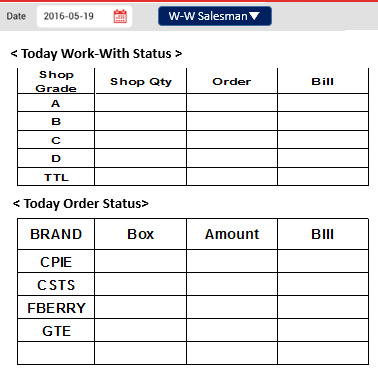
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **GSID** | Giam Sak ID |
| **DEPTCD** | Giam Sak Dept Code |
| **TEAMCD** | Giam Sak Team Code |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Result, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID, if ‘T’ is All Summary Data |
| V2 | PRDCLS1 | Brand Code if ‘T’ is Employee Summery data |
| V3 | PRDCLS1NM | Brand Name |
| V4 | TPRDCD | SKU Code, if ‘T’ is SKU Summery Data |
| V5 | TPRDNM | SKU Name |
| V6 | QTY | Today order Box Qty |
| V7 | AMT | Today order Amount(VND) |
| V8 | BILL | Today order count |
| V9 | ISGROUP | If 1 is this record grouping data |
| JSON ARRAY NAME IS **ORDERSTATUSLIST** | | |
| V1 | EMPID | Employee ID |
| V2 | SHOPGRADE | Shop Grade A~D(may be can change possible ) |
| V3 | TTLSHOPQTY | WorkWith Period Shop TTL, per grade |
| V4 | ORDERCNT | Order Count Per Shop Grade |
| V5 | BILL | Bill Count per shop grade |
| V6 | ISGROUP | If 1 is this record grouping data |
| JSON ARRAY NAME SI **WWSTATUSLIST** | | |
| V1 | EmpId | Employee ID |
| V2 | EMPNM | Employee Name |
| V3 | RouteNo | Employee RouteNo. |
| V4 | STARTROUTENO | Working Schedule StartDate RouteNo. |
| V5 | StartDate | Working Schedule Start Date YYYYMMDD |
| V6 | TEAM | Employee Team Kind , 01:PIE, 02:Snack, 03:Gum, 04 : MIX |
| JSON ARRAY NAME SI **SMINFOLIST** | | |

Test Data

{ "DATE" : "20160819","TEAM" : "01","GSID" : "2090469" }



## A0219 – Working Schedule Display Result

Get WorkWith Salesman Display Result per Snack or Pie team.. it depend on GS Team.

* Send Parameter

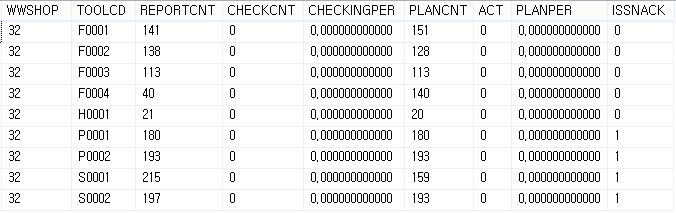
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **WWSTARTDATE** | Work With Start Date. You get A0216. |
| **EMPID** | Work With Employee ID |
|  |  |

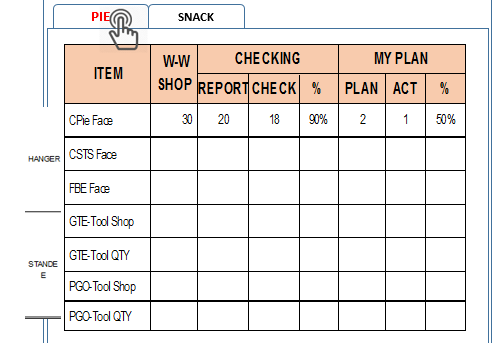
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | TOOLCD | Tool Code. It defined PDACOM.DB code\_h TOOLKIND |
| V2 | WWSHOP | Work With Shop Count |
| V3 | REPORTCNT | Prev Workk With Last Visit Report Tool Qty |
| V4 | CHECKCNT | Today Check Tool Qty |
| V5 | CHECKINGPER | Checking percent |
| V6 | PLANCNT | Work With Display Plan Qty |
| V7 | ACT | Work With Display Act |
| V8 | PLANPER | Act percent |
| V9 | ISSNACK | If ‘1’ is snack data else pie data. |
|  |  |  |

Test Data

{ "DATE" : "20160819","WWSTARTDATE" : "20160816","EMPID" : "2071079" }





## A0220 – Working Schedule Competitor Result(old)

* Send Parameter

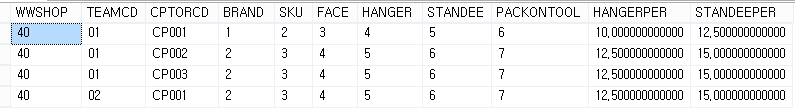
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **WWSTARTDATE** | Work With Start Date. You get A0216. |
| **EMPID** | Work With Employee ID |
|  |  |

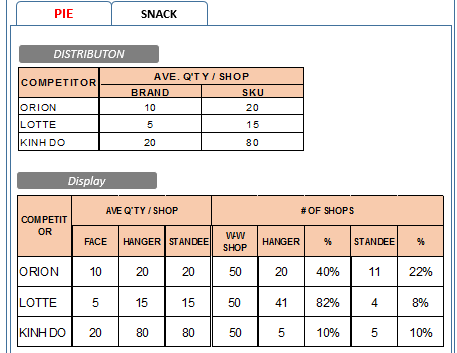
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | TEAMCD | Competitor Team Code , it find out code\_h COMPETITOR. |
| V2 | CPTORCD | Competitor Code, it find out code\_h COMPEITOTR |
| V3 | BRAND | Brand Avg |
| V4 | SKU | SKU Avg |
| V5 | FACE | FACE Avg |
| V6 | HANGER | Hanger Avg |
| V7 | STANDEE | Standee Avg |
| V8 | PACKONTOOL | Packontool Avg |
| V9 | WWSHOP | Work With Shop Count |
| V10 | HANGERPER | Work With Shop / Hander Percent |
| V11 | STANDEEPER | Work With Shop / Standee Percent |

Test Data

{ "DATE" : "20160820","WWSTARTDATE" : "20160816","EMPID" : "2071079" }





## A0228 – Working Schedule Competitor Result(New)

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **EMPID** | Work With Employee ID |
|  |  |

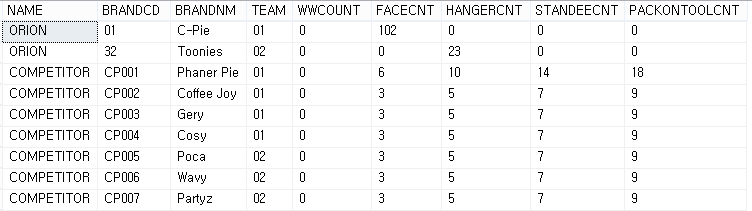
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | NAME | ‘ORION’ or ‘COMPETITOR’ |
| V2 | BRANDCD | Brand Code |
| V3 | BRANDNM | Brand Name |
| V4 | WWCOUNT | Work With Shop Count |
| V5 | SHOPCNT | Shop Count |
| V6 | SHOPPERCENT | Percent |
| V7 | TEAM | 01=PIE, 02=Snack |
| Json Arrary Name is **DISTRIBUTIONLIST** | | |
| V1 | NAME | ‘ORION’ or ‘COMPETITOR’ |
| V2 | BRANDCD | Brand Code |
| V3 | BRANDNM | Brand Name |
| V4 | TEAM | 01=Pie, 02=Snack |
| V5 | WWCOUNT | Work With Shop Count |
| V6 | FACECNT | Face count |
| V7 | HANGERCNT | Haner count |
| V8 | STANDEECNT | Standee count |
| V9 | PACKONTOOLCNT | Pack on Tool Count. |
| Json Arrary Name is **DISPLAYLIST** | | |

Test Data

{ \"DATE\" : \"20160918\", \"EMPID\" : \"2071079\" }







## A0221 – Working Schedule Dealer Stock.

This API Get All Brand by SKU . Work With Dealer Stock.

* Send Parameter

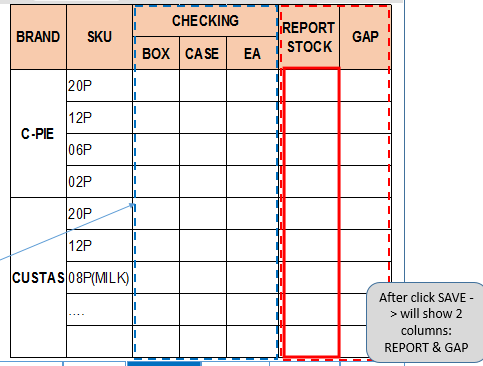
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **GSID** | Giam Sak ID |
| **HIDEPTCD** | Upper Dept Code, you can get login after. Login result. |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | DEALERID | Work With Dealer ID |
| V2 | DEALERNM | Work With Dealer Name |
| **The json Array Name is DEALERLIST** | | |
| V1 | PrdCls1 | Stock Brand Code |
| V2 | TPRDCD | Stock SKU Code |
| V3 | CURRQTY | Stock . Box,. Ex) 2.7 |
| **The json Array Name is Dealer ID. Previous V1 Value.** | | |

Test Data

{ "DATE" : "20160820","GSID" : "2090469","HIDEPTCD" : "A301000000" }



## A0222 – Working Schedule Dealer Stock Input

Check Work With dealer stock input. By SKU

* Send Parameter  
  Green Secion json array data array name is “LIST”

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **DEALERCD** | Work With Dealer ID |
| BRANDCD | Stock Brand Code |
| TPRDCD | Stock SKU Code |
| BOXQTY | Input Box Qty |
| CCASEQTY | Input Case Qty |
| EAQTY | Intpu EA Qty |
| DEALERQTY | Reported Dealer Qty(Box) |

* Response Parameter  
  if error next time try.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  Else Error next time try again. |

## A0223 – Route Summary

Viewing Supervisor Below Salesman Route Summary.

* Send Parameter

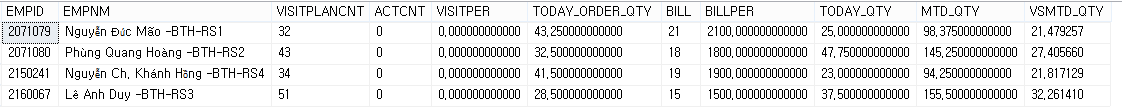
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **GSID** | GS ID |
| **DEPTCD** | GS DeptCD |
|  |  |

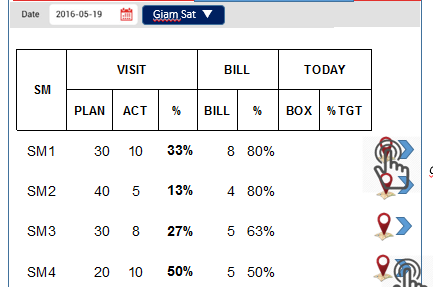
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID |
| V2 | EMPNM | Employee Name |
| V3 | VISITPLANCNT | Visit Plan Count |
| V4 | ACTCNT | Real Visit Count |
| V5 | VISITPER | Visit Percent |
| V6 | BILL | Real visit Bill Count |
| V7 | BILLPER | Bill Percent |
| V8 | TODAY\_ORDER\_QTY | Today Order Qty => Today Box |
| V9 | TODAY\_QTY | Today Delivery Qty |
| V10 | MTD\_QTY | MTD Qty |
| V11 | VSMTD\_QTY | %TGT |

Test Data

{ "DATE" : "20160708","GSID" : "2090469","DEPTCD" : "A301010100" }





## A0224 – Route Summary Detail

Viewing Supervisor Below Salesman Route Summary. Detail.

* Send Parameter

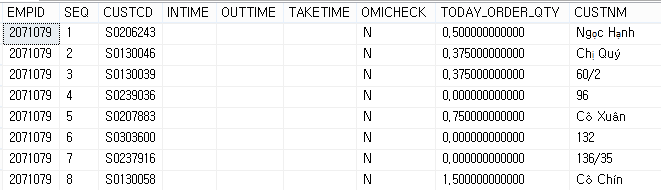
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **EMPID** | Employee ID |
|  |  |
|  |  |

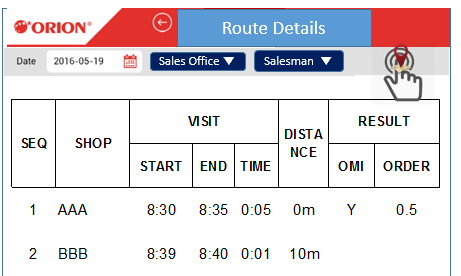
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID |
| V2 | SEQ | Route Seq No |
| V3 | CUSTCD | Shop Code |
| V4 | CUSTNM | Shop Name |
| V5 | INTIME | Visit Start time |
| V6 | OUTTIME | Visit End Time |
| V7 | TAKETIME | Total Visit Time |
| V8 | DISTANCE | Next Shop Distance by meter |
| V9 | OMICHECK | IMI Check Y or N |
| V10 | TODAY\_ORDER\_QTY | Today Order Qty |
| V11 | LON | Shop position lon |
| V12 | LAT | Shop position lat |
| V13 | SHOPCLOSE | Shop Close ‘Y’ or ‘N’ |
| V14 | SMVISITSHOP | SM Visit Shop ‘Y’ or ‘N’ |

Test Data

{ "DATE" : "20160708","EMPID" : "2071079" }





## A0232 – Get Salesman Track Log

When view Route Summary, click to map. Show display salesman tracking log.

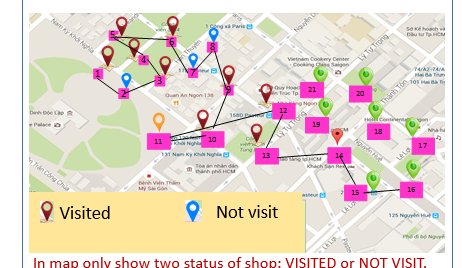
You get this api , get sm day track log.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | yyyymmdd |
| **EMPID** | Employee ID |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | TIME | Time HHMMSS |
| V2 | LON | Location X WGS84 |
| V3 | LAT | Location Y WGS84 |
|  |  |  |



Test Data

{ \"DATE\" : \"20161018\", \"EMPID\" : \"2160318\" }

data[{

"LIST" : [

{

"V1" : "180838",

"V2" : "37892491",

"V3" : "3299117"

},

{

"V1" : "180909",

"V2" : "37893281",

"V3" : "3299265"

},

## A0225 – Confirm Shop List.

Load GS Below Salesman, update or new shop, stop trade shop information.

* Send Parameter

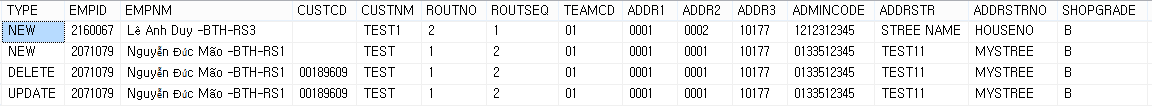
|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |
| **GSID** | GS ID |
|  |  |
|  |  |

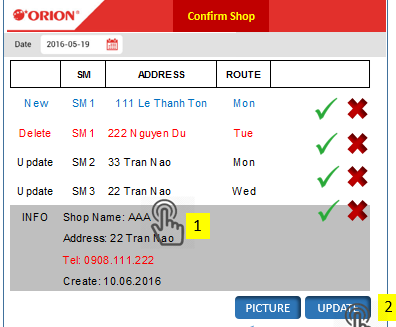
* Response Parameter  
  Confirm Shop Have two json array section. You can what kind of information

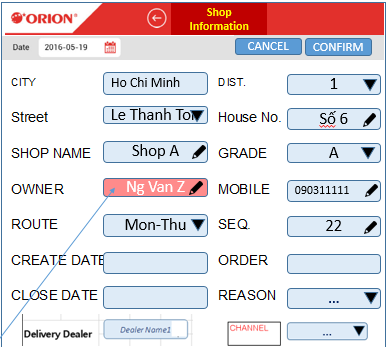
|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | TYPE | Salesman Update Type, 3 kind ‘NEW’ or ‘UPDATE’ or ‘DELETE’ |
| V2 | EMPID | Employee ID |
| V3 | EMPNM | Employee Name |
| V4 | CUSTCD | Shop Code |
| V5 | CUSTNM | Shop Name |
| V6 | ROUTNO | Edit Shop RoutNo. This Value Only UPDATE, DELETE is Valid |
| V7 | ROUTSEQ | Edit Shop Rout Seq No. This Value Only UPDATE, DELETE is Valid |
| V8 | TEAMCD | Employee Team Code |
| V9 | ADDR1 | Addr1 Code, This Value find out PDACOM > ADDRESS\_M |
| V10 | ADDR2 | Addr2 Code, This Value find out PDACOM > ADDRESS\_M |
| V11 | ADDR3 | Street Code, This Value find out PDACOM > ADDREESS\_STREET\_M |
| V12 | ADMINCODE | New AddressCode , 10 Length, if this value exist, you can match Addr3 Value |
| V13 | ADDRSTR | Street Name |
| V14 | ADDRSTRNO | House no |
| V15 | SHOPGRADE | Shop Grade |
| V16 | HPNO | Shop Phone Number |
| V17 | OWNERNM | Shop Owner Name |
| V18 | BUSSTRDT | Shop Start Date |
| V19 | BUSENDDT | Shop Close Date, this value invalid only ‘DELETE’ |
| V20 | REASON | Shop Close Reason, this value invalid only ‘DELETE’  You can find out PDACOM > CODE\_H > REASON Category |
| V21 | CHANNEL | Shop Channel Code.  You can find out PDACOM > CODE\_H > CUSCHN1 Category |
| V22 | DEALERID | Shop Dealer ID |
| V23 | DEALERNM | Shop Dealer Name |
| V24 | LON | Shop Position Lon |
| V25 | LAT | Shop Position Lat |
| V26 | IMG1URL | Shop Image 1 URL |
| V27 | IMG2URL | Shop Image 2 URL |
| **V28** | **CDATETIME** | **Unique Key value this Record.** |
| This Json Array Section Name is **UPDATESHOPLIST** | | |
| V1 | CUSTCD | Shop Code |
| V2 | CUSTNM | Shop Name |
| V3 | ADDR1 | Shop Addr1 Code |
| V4 | ADDR2 | Shop Addr2 Code |
| V5 | ADDR3 | Shop Street Code |
| V6 | ADDRSTR | Shop Street Name, it possible Addr3 empty, this value exist. |
| V7 | ADDRSTRNO | House no |
| V8 | ADMINCODE | New Address Code 10 Length |
| V9 | SHOPGRADE | Shop Grade |
| V10 | OWNERNM | Shop Owner Name |
| V11 | HPNO | Phone number |
| This Json Array Section Name is **ORGSHOPLIST** | | |

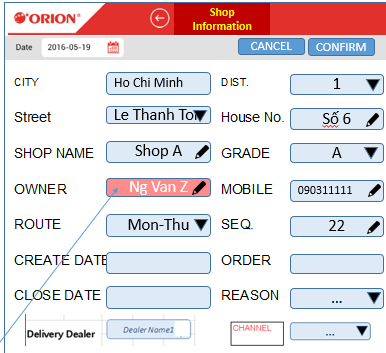
Test Data

{ "DATE" : "20160826","GSID" : "2090469" }









## A0226 – Input Confirm Shop

This Api is Called . when supervisor confirm shop information.

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **CDATETIME** | YYYYMMDDhhmmss the shop unique key value. |
| **TYPE** | 1=New Shop, 2=Update Shop, 3=Stop Trade Shop |
| **CANCELYN** | Shop info Cancel ‘Y’ or ’N’. |
| If CANCELYN is ‘Y’ Unser Section Value can empty value. | |
| **CUSTNM** | Shop Name |
| **ADDR1** | Addr1 code |
| **ADDR2** | Addr2 code |
| **ADDR3** | Street code |
| **HOUSENO** | House No |
| **GRADE** | Shop Grade |
| **OWNERNM** | Shop Owner Name, it can empty. |
| **HPNO** | HP Number, it can empty. |
| **CHANNEL** | Shop Channel |
| **ADMINCODE** | New Address AdminCode |
| **ADDRSTR** | Street Name by Street code |
| **REASON** | Shop close reason. This value only fill shop close. |
| **DEALERID** | Shop Dealer ID |
| **DEALERNM** | Shop Dealer Name |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
|  |  |  |

Test Data

## A0227 – Get Input Day Work With EmpID List

Call This api you can get GS Work With Employee ID List.

This Value using Display SM highlight background, if SM Work With GS.

* Send Parameter

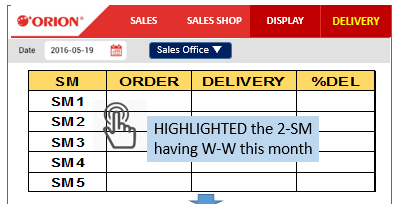
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Date YYYYMMDD |
| **GSID** | Giam Sak ID |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID , SM ID |
|  |  |  |

Test Data

{ \"DATE\" : \"20160908\" , \"GSID\" : \"2090469\" }



## A0301 – Result, Get Area GS List

When view RESULT > Sales by Product Page. Call This API for Setting GS List

If AS Login this return value is AS List.

* Send Parameter

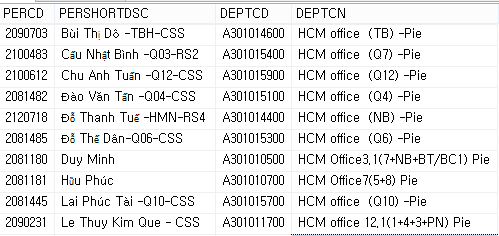
|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |
|  |  |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | GSID | Giam Sak ID |
| V2 | GSNM | Name |
| V3 | DEPTCD | Department Code |
| V4 | DEPT NAME | Deptname |



Test Login ID : 2090469



## A0302 – Result, Get Sales By Org

Sales by Org, Data Structure

SM

--- Brand

--------- SKU, DATA,……

* Send Parameter

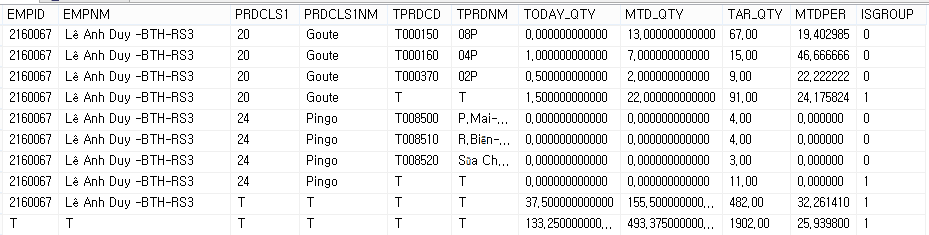
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Date YYYYMMDD |
| **GSID** | Giam Sak ID |
| **DEPTCD** | Giam Sak DeptCD |
|  |  |

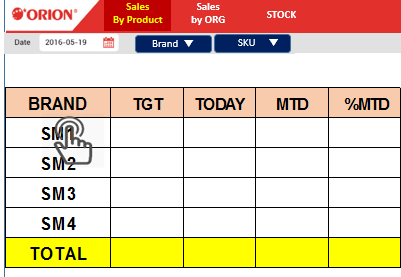
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | EMPID | Employee ID. If ‘T’ this record Sum Data of All Employee |
| V2 | EMPNM | Employee Name |
| V3 | PRDCLS1 | Brand Code, if ‘T’ this record Sum Data of Employee |
| V4 | PRDCLS1NM | Brand Name |
| V5 | TPRDCD | SKU Code, if ‘T’ this record Sum Data of Brand |
| V6 | TPRDNM | SKU Name |
| V7 | TODAY\_QTY | Today Qty |
| V8 | MTD\_QTY | MTD Qty |
| V9 | TAR\_QTY | Target Qty |
| V10 | MTDPER | MTD / Target Percent |
| V11 | ISGROUP | 0 or 1, 1=Grouping Data else not |
| V12 | TORDERBILL | Today Order Bill Count, display Today left side column. |

Test Data

{ "DATE" : "20160708", "GSID" : "2090469", "DEPTCD" : "A301010100"}





## A0305 – Result, Get Sales By Product

Sales by Product, Data Structure. Also same A0304.

GS

--- Brand

--------- SKU, DATA,……

* Send Parameter

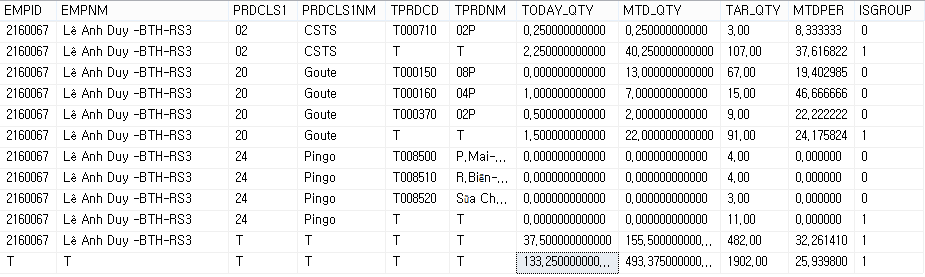
|  |  |
| --- | --- |
| **Name** | **Description** |
| **DATE** | Search Date YYYYMMDD |
| **GSID** | Giam Sak ID |
| **DEPTCD** | Giam Sak DeptCD |
|  |  |

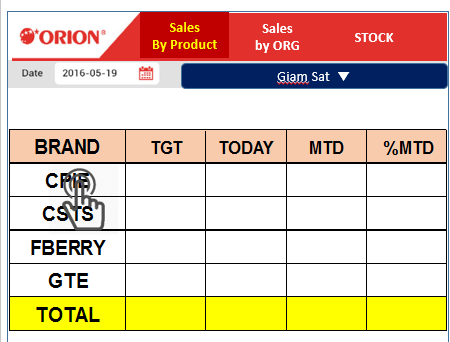
* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
|  |  |  |
|  |  |  |
| V3 | PRDCLS1 | Brand Code, if ‘T’ this record Sum Data of GS. |
| V4 | PRDCLS1NM | Brand Name |
| V5 | TPRDCD | SKU Code, if ‘T’ this record Sum Data of Brand |
| V6 | TPRDNM | SKU Name |
| V7 | TODAY\_QTY | Today Qty |
| V8 | MTD\_QTY | MTD Qty |
| V9 | TAR\_QTY | Target Qty |
| V10 | MTDPER | MTD / Target Percent |
| V11 | ISGROUP | 0 or 1, 1=Grouping Data else not |
|  |  |  |

Test Data

{ \"DATE\" : \"20160708\", \"GSID\" : \"2090469\", \"DEPTCD\" : \"A301010100\"}





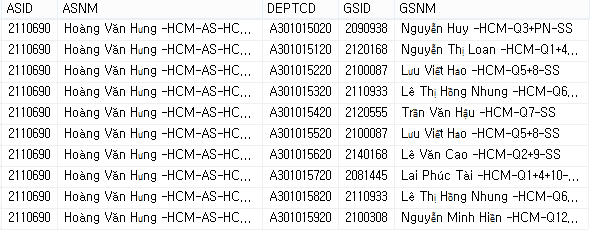
## A0400 – AS Login GS/SM List for Route map

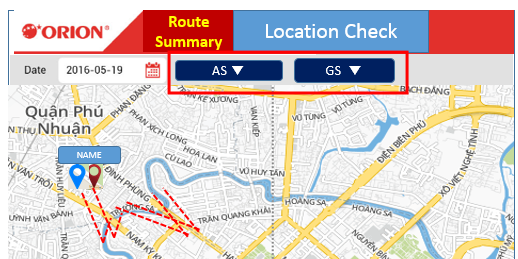
* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
| **ASID** | AS ID |
|  |  |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | GSID | GS ID |
| V2 | GSNM | GS Name |
| V3 | SMID | SM ID |
| V4 | SMNM | SM Name |
|  |  |  |





## A0401 – BM Login Get AS List

* Send Parameter

|  |  |
| --- | --- |
| **Name** | **Description** |
|  |  |
|  |  |
|  |  |
|  |  |

* Response Parameter  
  Blue section is Json Array Data. Array Name is “LIST”  
  v5~v13 : The display is rounded to the first decimal place.

|  |  |  |
| --- | --- | --- |
| **Name** | **Alias** | **Description** |
| RESULT |  | 0 = OK.  1 = No Record, Other error see that 1.1 RESULT error list. |
| V1 | ASID | AS ID |
| V2 | ASNM | AS Name |
|  |  |  |
|  |  |  |
|  |  |  |