LG전자

월별 Trend(Cross Sales) 법인전체/제품별.유첨

프로시져 설계서

**STEP**

**문서번호**

**작성자**

**작성일**

**TASK**

**STAGE**

이상훈C

2016.02.24

프로시져 설계서

ED\_진화적 전달

문서 이력

검토

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개정 기록

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# 개요

## Definitions

사용자가 원하는 데이터를 추출하기 위하여 지정된 조건을 임의로 입력하여 조회하고 그 결과를 보고서 엑셀파일로 생성하는 작업에 대해 정의한다.

1) 월별Trend(Cross Sales) 법인전체/제품별 조회  
SMART 월별Trend(Cross Sales) 법인전체/제품별 집계하여 Result Set으로 return함

.

## 기본 흐름

1) 월별 Trend(Cross Sales) 법인전체/제품별 조회

**DB2에서 IPTDWIF.IPTDWIF\_RES\_B2B\_CROSSSALE 로 적재확인**

DB2

**ETL\_IDW.** **SP\_CD\_RES\_SMR\_B2B\_CROSSSALES 프로시저로 EXCEL생성**

EXCEL

# 주요 제품별 매출/ 영업이익 조회

## Procedure개요

## 2.1.1 SP\_CD\_RES\_SMR\_B2B\_CROSSSALES

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| **프로시져 설명** | SMART 월별Trend(Cross Sales) 법인전체/제품별 결과를 조회함. |
| **관련 Application** |  |
| **사전 조건** | **IPTDWIF.IPTDWIF\_RES\_B2B\_CROSSSALE 에 인터페이스가 되어야 함.** |
| **상세 로직** | 1. **IPTDWIF.IPTDWIF\_RES\_B2B\_CROSSSALE** 에 인터페이스받은 결과로 조회함. ARES에서는 적재관련 업무를 하지않음.  2. 입력받은 기준월, 법인으로 데이터 조회 후 보고서 생성함.  3. 호출 파라메터    (1) P\_BASIS\_YYYYMM : 실적 기준월  (2) P\_SUBSDR\_CD : 법인    4. 사용 쿼리  **SP\_CD\_RES\_SMR\_B2B\_CROSSSALES**  -- 1.법인/사업부  SELECT '법인전체' AS COL\_INDEX  ,A.KPI\_CD AS KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END AS BASE\_YYYYMM  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,0 AS DISP\_SEQ  ,'합계' AS KOR\_NM  ,'TOTAL' AS ENG\_NM  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  ,(SELECT 1 AS SEQ FROM SYSIBM.SYSDUMMY1 UNION ALL  SELECT 2 AS SEQ FROM SYSIBM.SYSDUMMY1) B  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(to\_date(P\_BASIS\_YYYYMM, 'YYYYMM') - 24 MONTH, 'YYYYMM') AND P\_BASIS\_YYYYMM  AND A.SUBSDR\_CD = P\_SUBSDR\_CD  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.KPI\_CD IN ('SALE')  AND A.CAT\_CD IN ('BEP\_SMART\_DIV')  AND A.DIV\_CD = 'GBU'  GROUP BY A.KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END    UNION ALL  -- 2.B2B Only  SELECT 'B2B Only' AS COL\_INDEX  ,A.KPI\_CD AS KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END AS BASE\_YYYYMM  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,0 AS DISP\_SEQ  ,'B2B Only' AS KOR\_NM  ,'B2B Only' AS ENG\_NM  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  ,(SELECT 1 AS SEQ FROM SYSIBM.SYSDUMMY1 UNION ALL  SELECT 2 AS SEQ FROM SYSIBM.SYSDUMMY1) B  ,(  SELECT CODE\_ID AS DIV\_CD  ,ATTRIBUTE1 AS DIV\_KOR\_NM  ,ATTRIBUTE2 AS DIV\_ENG\_NM  FROM IPTDW.IPTDW\_RES\_DIM\_CODES  WHERE CODE\_TYPE = 'B2B\_DIV'  ) C  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(to\_date(P\_BASIS\_YYYYMM, 'YYYYMM') - 24 MONTH, 'YYYYMM') AND P\_BASIS\_YYYYMM  AND A.SUBSDR\_CD = P\_SUBSDR\_CD  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.KPI\_CD IN ('SALE')  AND A.CAT\_CD IN ('BEP\_SMART\_DIV')  AND A.DIV\_CD = C.DIV\_CD  GROUP BY A.KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END    UNION ALL    -- 2.B2B Only  SELECT 'B2B Only' AS COL\_INDEX  ,D.KPI\_CD AS KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END AS BASE\_YYYYMM  ,SUM( CASE D.KPI\_CD  WHEN 'CROSS\_BORDER' THEN A.SALE\_USD\_AMT  WHEN 'CROSS\_BU' THEN A.BU\_USD\_AMT END ) AS AMOUNT  ,0 AS DISP\_SEQ  ,'B2B Only' AS KOR\_NM  ,'B2B Only' AS ENG\_NM  FROM IPTDWIF.IPTDWIF\_RES\_B2B\_CROSSSALE A  ,(SELECT 1 AS SEQ FROM SYSIBM.SYSDUMMY1 UNION ALL  SELECT 2 AS SEQ FROM SYSIBM.SYSDUMMY1) B  ,(SELECT 'CROSS\_BORDER' AS KPI\_CD FROM SYSIBM.SYSDUMMY1 UNION ALL  SELECT 'CROSS\_BU' AS KPI\_CD FROM SYSIBM.SYSDUMMY1) D  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(to\_date(P\_BASIS\_YYYYMM, 'YYYYMM') - 24 MONTH, 'YYYYMM') AND P\_BASIS\_YYYYMM  AND A.SUBSDR\_CD = P\_SUBSDR\_CD  GROUP BY D.KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END  UNION ALL  -- 3.사업부  SELECT A.DIV\_CD AS COL\_INDEX  ,A.KPI\_CD AS KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END AS BASE\_YYYYMM  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,0 AS DISP\_SEQ  ,MIN(Z.KOR\_NM) AS KOR\_NM  ,MIN(Z.ENG\_NM) AS ENG\_NM  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  ,(SELECT 1 AS SEQ FROM SYSIBM.SYSDUMMY1 UNION ALL  SELECT 2 AS SEQ FROM SYSIBM.SYSDUMMY1) B  ,(  -- 사업부  SELECT 'DIV' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.DIVISION\_CODE AS CODE  ,A.DISPLAY\_NAME AS KOR\_NM  ,A.DIVISION\_NAME AS ENG\_NM  ,A.COMPANY\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_COMM\_DIVISION A  WHERE A.BASIS\_YYYYMM = '201601'  AND A.USE\_FLAG = 'Y'  ) Z  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(to\_date(P\_BASIS\_YYYYMM, 'YYYYMM') - 24 MONTH, 'YYYYMM') AND P\_BASIS\_YYYYMM  AND A.SUBSDR\_CD = P\_SUBSDR\_CD  AND A.DIV\_CD = Z.CODE  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.KPI\_CD IN ('SALE')  AND A.CAT\_CD IN ('BEP\_SMART\_DIV')  GROUP BY A.DIV\_CD  ,A.KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END  UNION ALL  -- 4.제품별  SELECT A.DIV\_CD AS COL\_INDEX  ,A.KPI\_CD AS KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END AS BASE\_YYYYMM  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,0 AS DISP\_SEQ  ,MIN(Z.KOR\_NM) AS KOR\_NM  ,MIN(Z.ENG\_NM) AS ENG\_NM  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  ,(SELECT 1 AS SEQ FROM SYSIBM.SYSDUMMY1 UNION ALL  SELECT 2 AS SEQ FROM SYSIBM.SYSDUMMY1) B  ,(SELECT DIVISION\_CODE AS DIV\_CD  ,DISPLAY\_NAME1 AS KOR\_NM  ,DISPLAY\_NAME2 AS ENG\_NM  ,DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER  WHERE CODE\_TYPE = 'PIPELINE'  AND DIVISION\_CODE IN ('GNTCS','GNTHT')  AND USE\_FLAG = 'Y' ) Z  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(to\_date(P\_BASIS\_YYYYMM, 'YYYYMM') - 24 MONTH, 'YYYYMM') AND P\_BASIS\_YYYYMM  AND A.SUBSDR\_CD = P\_SUBSDR\_CD  AND A.DIV\_CD = Z.DIV\_CD  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.KPI\_CD IN ('SALE')  AND A.CAT\_CD IN ('BEP\_SMART\_GNT')  GROUP BY A.DIV\_CD  ,A.KPI\_CD  ,CASE WHEN B.SEQ = 1 THEN SUBSTR(A.BASE\_YYYYMM,1,4)  WHEN B.SEQ = 2 THEN A.BASE\_YYYYMM END  WITH UR; |
| **오퍼레이션** |  |
| **에러처리** | 에러 발생시 프로그램 내에서 처리하지 않고 공통모듈 프로그램에서 처리함 |
| **사후 조건** |  |

## 

## 2.2 Return Value

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| Argument | Prompt | Value Set | Default Type | Default Value | Option |
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## 2.3 Table and View Usage

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| Table Name | Select | Insert | Update | Delete |
| IPTDW.IPTDW\_RES\_DIM\_COMM\_DIVISION | Y | Y |  | Y |
| IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY | Y | Y |  | Y |
| IPTDWIF.IPTDWIF\_RES\_B2B\_CROSSSALE | Y | Y |  | Y |
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