LG전자

국가별 매출 / 영업이익

프로시져 설계서

**STEP**

**문서번호**

**작성자**

**작성일**

**TASK**

**STAGE**

김석규

2016.01.31

프로시져 설계서

ED\_진화적 전달

문서 이력

검토

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| 번호 | 검토 일자 | 개정 | 검토자 | 서명 |
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개정 기록

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| 번호 | 변경 일자 | 버전 | 변경 내용 | 작성자 | 승인자 |
| 1 | 2016-01-31 | V.1.0 | Initial Release | 김석규C | 김예솔D |
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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) 국가별 매출 / 영업이익 조회  
SMART 국가별 매출 / 영업이익 추이를 집계하여 Result Set으로 return함

.

## 기본 흐름

1) 국가별 매출 / 영업이익 조회

IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY

쿼리 조회 결과

SMART 국가별 매출 / 영업이익 추이

국가별 매출 / 영업이익 (Excel)

2)

# 국가별 매출 / 영업이익 조회

## Procedure개요

## 2.1.1 SP\_CD\_RES\_SMR\_TREND\_CNTRY\_HISTORY

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| --- | --- |
| **프로시져 설명** | SMART 국가별 매출 / 영업이익 추이 결과를 조회함. |
| **관련 Application** |  |
| **사전 조건** | NPT DW BEP 실적 형성 |
| **상세 로직** | 1. 월 NPT DW 수익성(BEP) 실적 대상으로 B2B/B2C별로 국가별 매출 / 영업이익 결과를 조회하여 그 결과를 프로시져를 호출한 화면에서 조회나 엑셀다운로드 등을 할 수 있도록 테이블(IPTDW\_RES\_KPI\_SUBSDR\_CNTRY)에 저장후 조회함  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  /\* 법인내 관할국 매출 순위 4개 \*/  WITH V\_CNTRY\_RNK\_B2C AS (  SELECT --'2.B2C\_국가별' AS col\_index,  A.SUBSDR\_CD,  A.ATTRIBUTE1\_VALUE AS SUBSDR\_SHRT\_NAME,  A.CNTRY\_CD,  A.BASE\_YYYYMM,  A.KPI\_CD,  SUM(A.CURRM\_USD\_AMT) AS AMOUNT,  SMALLINT(ROW\_NUMBER() OVER(PARTITION BY A.SUBSDR\_CD,A.BASE\_YYYYMM,A.KPI\_CD ORDER BY A.BASE\_YYYYMM, A.KPI\_CD, SUM(A.ACCU\_USD\_AMT) DESC)) AS SORT\_KEY  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  INNER JOIN IPTDW.IPTDW\_RES\_DIM\_CODES B  ON (B.CODE\_TYPE = 'B2C\_DIV' AND A.DIV\_CD = B.CODE\_ID)  WHERE 1=1  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE')  AND A.DIV\_CD <> 'GBU'  AND A.ZONE\_RNR\_CD <> 'ZZZ'  GROUP BY A.SUBSDR\_CD, A.ATTRIBUTE1\_VALUE, A.CNTRY\_CD, A.BASE\_YYYYMM, A.KPI\_CD ),  V\_CNTRY\_RNK\_B2B AS (  SELECT --'2.B2C\_국가별' AS col\_index,  A.SUBSDR\_CD,  A.ATTRIBUTE1\_VALUE AS SUBSDR\_SHRT\_NAME,  A.CNTRY\_CD,  A.BASE\_YYYYMM,  A.KPI\_CD,  SUM(A.CURRM\_USD\_AMT) AS AMOUNT,  SMALLINT(ROW\_NUMBER() OVER(PARTITION BY A.SUBSDR\_CD,A.BASE\_YYYYMM,A.KPI\_CD ORDER BY A.BASE\_YYYYMM, A.KPI\_CD, SUM(A.ACCU\_USD\_AMT) DESC)) AS SORT\_KEY  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  INNER JOIN IPTDW.IPTDW\_RES\_DIM\_CODES B  ON (B.CODE\_TYPE = 'B2B\_DIV' AND A.DIV\_CD = B.CODE\_ID)  WHERE 1=1  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE')  AND A.DIV\_CD <> 'GBU'  AND A.ZONE\_RNR\_CD <> 'ZZZ'  GROUP BY A.SUBSDR\_CD, A.ATTRIBUTE1\_VALUE, A.CNTRY\_CD, A.BASE\_YYYYMM, A.KPI\_CD )  SELECT Z.COL\_INDEX  ,Z.SUBSDR\_CD  ,MAX(Z.SUBSDR\_SHRT\_NAME) AS SUBSDR\_SHRT\_NAME  ,Z.CNTRY\_CD  ,Z.BASE\_YYYYMM AS BASIS\_YYYYMM  ,Z.KPI\_CD  ,SUM(Z.AMOUNT) AS AMOUNT  ,Z.SORT\_KEY  ,MAX(Z.CNTRY\_NAME\_KO) AS CNTRY\_NAME\_KO  ,MAX(Z.CNTRY\_NAME\_EN) AS CNTRY\_NAME\_EN  FROM (  -- 1.법인전체  SELECT '1.법인전체' AS COL\_INDEX  ,A.SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,'\*' AS CNTRY\_CD  ,A.BASE\_YYYYMM  ,A.KPI\_CD  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,'0' AS SORT\_KEY  ,'' AS CNTRY\_NAME\_KO  ,'' AS CNTRY\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSDR\_CD = C1.CODE)  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 3 YEAR, 'YYYY')||'01' AND P\_BASIS\_YYYYMM  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE', 'COI')  AND A.DIV\_CD = 'GBU'  GROUP BY A.SUBSDR\_CD, A.BASE\_YYYYMM, A.KPI\_CD  UNION ALL  -- 2.B2C\_국가별  SELECT '2.B2C\_국가별' AS COL\_INDEX  ,A.SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,A.CNTRY\_CD  ,A.BASE\_YYYYMM  ,A.KPI\_CD  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,C.SORT\_KEY  ,MAX(C3.KOR\_NM) AS CNTRY\_NAME\_KO  ,MAX(C3.ENG\_NM) AS CNTRY\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  INNER JOIN IPTDW.IPTDW\_RES\_DIM\_CODES B  ON (B.CODE\_TYPE = 'B2C\_DIV' AND A.DIV\_CD = B.CODE\_ID)  INNER JOIN V\_CNTRY\_RNK\_B2C C  ON (C.SUBSDR\_CD = A.SUBSDR\_CD  AND C.CNTRY\_CD = A.CNTRY\_CD  AND C.BASE\_YYYYMM = A.BASE\_YYYYMM  --AND C.KPI\_CD = A.KPI\_CD  AND C.SORT\_KEY IN ( '1','2','3','4'))  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSDR\_CD = C1.CODE)  LEFT OUTER JOIN (SELECT 'CNTRY' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.DIVISION\_CODE AS CNTRY\_CD  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE A.CODE\_TYPE = 'SMART\_CNTRY\_NAME'  ) C3  ON (A.CNTRY\_CD = C3.CNTRY\_CD)  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 3 YEAR, 'YYYY')||'01' AND P\_BASIS\_YYYYMM  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE', 'COI')  AND A.DIV\_CD <> 'GBU'  GROUP BY A.SUBSDR\_CD, A.CNTRY\_CD, A.BASE\_YYYYMM, A.KPI\_CD, C.SORT\_KEY  UNION ALL  -- 3.B2C\_기타국가  SELECT '3.B2C\_기타국가' AS COL\_INDEX  ,A.SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,'\*' AS CNTRY\_CD  ,A.BASE\_YYYYMM  ,A.KPI\_CD  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,'900' AS SORT\_KEY  ,'' AS CNTRY\_NAME\_KO  ,'' AS CNTRY\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  INNER JOIN IPTDW.IPTDW\_RES\_DIM\_CODES B  ON (B.CODE\_TYPE = 'B2C\_DIV' AND A.DIV\_CD = B.CODE\_ID)  INNER JOIN V\_CNTRY\_RNK\_B2C C  ON (C.SUBSDR\_CD = A.SUBSDR\_CD  AND C.CNTRY\_CD = A.CNTRY\_CD  AND C.BASE\_YYYYMM = A.BASE\_YYYYMM  --AND C.KPI\_CD = A.KPI\_CD  AND C.SORT\_KEY NOT IN ( '1','2','3','4'))  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSDR\_CD = C1.CODE)  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 3 YEAR, 'YYYY')||'01' AND P\_BASIS\_YYYYMM  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE', 'COI')  AND A.DIV\_CD <> 'GBU'  GROUP BY A.SUBSDR\_CD, A.BASE\_YYYYMM, A.KPI\_CD  UNION ALL  -- 4.B2B\_국가별  SELECT '4.B2B\_국가별' AS COL\_INDEX  ,A.SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,A.CNTRY\_CD  ,A.BASE\_YYYYMM  ,A.KPI\_CD  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,C.SORT\_KEY  ,MAX(C3.KOR\_NM) AS CNTRY\_NAME\_KO  ,MAX(C3.ENG\_NM) AS CNTRY\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  INNER JOIN IPTDW.IPTDW\_RES\_DIM\_CODES B  ON (B.CODE\_TYPE = 'B2B\_DIV' AND A.DIV\_CD = B.CODE\_ID)  INNER JOIN V\_CNTRY\_RNK\_B2C C  ON (C.SUBSDR\_CD = A.SUBSDR\_CD  AND C.CNTRY\_CD = A.CNTRY\_CD  AND C.BASE\_YYYYMM = A.BASE\_YYYYMM  --AND C.KPI\_CD = A.KPI\_CD  AND C.SORT\_KEY IN ( '1','2','3','4'))  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSDR\_CD = C1.CODE)  LEFT OUTER JOIN (SELECT 'CNTRY' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.DIVISION\_CODE AS CNTRY\_CD  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE A.CODE\_TYPE = 'SMART\_CNTRY\_NAME'  ) C3  ON (A.CNTRY\_CD = C3.CNTRY\_CD)  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 3 YEAR, 'YYYY')||'01' AND P\_BASIS\_YYYYMM  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE', 'COI')  AND A.DIV\_CD <> 'GBU'  GROUP BY A.SUBSDR\_CD, A.CNTRY\_CD, A.BASE\_YYYYMM, A.KPI\_CD, C.SORT\_KEY  UNION ALL  -- 5.B2B\_기타국가  SELECT '5.B2B\_기타국가' AS COL\_INDEX  ,A.SUBSDR\_CD  ,MAX(C1.CODE) AS SUBSDR\_SHRT\_NAME  ,'\*' AS CNTRY\_CD  ,A.BASE\_YYYYMM  ,A.KPI\_CD  ,SUM(A.CURRM\_USD\_AMT) AS AMOUNT  ,'900' AS SORT\_KEY  ,'' AS CNTRY\_NAME\_KO  ,'' AS CNTRY\_NAME\_EN  FROM IPTDW.IPTDW\_RES\_KPI\_SUBSDR\_CNTRY A  INNER JOIN IPTDW.IPTDW\_RES\_DIM\_CODES B  ON (B.CODE\_TYPE = 'B2B\_DIV' AND A.DIV\_CD = B.CODE\_ID)  INNER JOIN V\_CNTRY\_RNK\_B2C C  ON (C.SUBSDR\_CD = A.SUBSDR\_CD  AND C.CNTRY\_CD = A.CNTRY\_CD  AND C.BASE\_YYYYMM = A.BASE\_YYYYMM  --AND C.KPI\_CD = A.KPI\_CD  AND C.SORT\_KEY NOT IN ( '1','2','3','4'))  LEFT OUTER JOIN ( -- 법인코드/명 가져오기 전체공통  SELECT 'CORP' AS CODE\_TYPE  ,A.DISPLAY\_ORDER\_SEQ AS DISP\_SEQ  ,A.ATTRIBUTE1 AS CODE  ,A.DISPLAY\_NAME1 AS KOR\_NM  ,A.DISPLAY\_NAME2 AS ENG\_NM  ,A.CORPORATION\_CODE AS REF\_CD  FROM IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER A  WHERE CODE\_TYPE = 'SMART\_SUBSDR\_DISP'  AND A.ATTRIBUTE2 IS NULL  ) C1 ON (A.SUBSDR\_CD = C1.CODE)  WHERE A.BASE\_YYYYMM BETWEEN TO\_CHAR(TO\_DATE(SUBSTR(P\_BASIS\_YYYYMM,1, 4), 'YYYY') - 3 YEAR, 'YYYY')||'01' AND P\_BASIS\_YYYYMM  AND A.SCENARIO\_TYPE\_CD = 'AC0'  AND A.CAT\_CD = 'BEP\_SMART\_DIV'  AND A.KPI\_CD IN ('SALE', 'COI')  AND A.DIV\_CD <> 'GBU'  GROUP BY A.SUBSDR\_CD, A.BASE\_YYYYMM, A.KPI\_CD  ) Z  WHERE Z.SUBSDR\_CD = P\_SUBSDR\_CD  GROUP BY Z.COL\_INDEX,  Z.SUBSDR\_CD,  Z.CNTRY\_CD,  Z.BASE\_YYYYMM,  Z.KPI\_CD,  Z.SORT\_KEY  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\_KPI\_SUBSDR\_CNTRY | Y |  |  |  |
| IPTDW.IPTDW\_RES\_DIM\_CORP\_DISPLAY\_MASTER | Y |  |  |  |
| IPTDW.IPTDW\_RES\_DIM\_CODES | Y |  |  |  |
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